

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104626.D
 Acq On : 19 Apr 2018 12:59
 Operator : JU/SJ
 Sample : PB108340BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Manual Integrations
 APPROVED

Sohil
 4/20/2018 3:05:04 PM

Quant Time: Apr 19 15:26:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128468	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	483986	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	189023	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	283157	20.00	ng	0.00
75) Chrysene-d12	13.97	240	250092	20.00	ng	-0.01
86) Perylene-d12	15.44	264	281627	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	866426	103.12	ng	0.02
7) Phenol-d6	6.45	99	1007356	97.58	ng	0.00
23) Nitrobenzene-d5	7.37	82	670651	90.48	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	199736	101.87	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1089169	91.03	ng	0.00
78) Terphenyl-d14	12.92	244	844283	76.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	133844	34.189	ng	90
3) Pyridine	3.33	79	377501	34.297	ng	88
4) n-Nitrosodimethylamine	3.29	42	143193	37.216	ng	# 76
6) Aniline	6.47	93	95039	6.627	ng	# 57
8) 2-Chlorophenol	6.59	128	318481	35.914	ng	96
9) Benzaldehyde	6.36	77	189937	34.862	ng	92
10) Phenol	6.46	94	355830	32.487	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	313814	35.903	ng	94
12) 1,3-Dichlorobenzene	6.75	146	360155	35.850	ng	97
13) 1,4-Dichlorobenzene	6.82	146	361175	36.066	ng	99
14) 1,2-Dichlorobenzene	6.97	146	333851	35.974	ng	100
15) Benzyl Alcohol	6.95	79	246165	31.396	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	397243	33.841	ng	86
17) 2-Methylphenol	7.07	107	252668	32.778	ng	95
18) Hexachloroethane	7.32	117	131766	36.903	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	213433	31.640	ng	91
20) 3+4-Methylphenols	7.22	107	307203	32.133	ng	# 85
22) Acetophenone	7.22	105	435389	36.540	ng	97
24) Nitrobenzene	7.39	77	331733	40.538	ng	95
25) Isophorone	7.63	82	584711	37.305	ng	99
26) 2-Nitrophenol	7.70	139	168323	50.526	ng	97
27) 2,4-Dimethylphenol	7.75	122	254545	36.798	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	377883	39.433	ng	99
29) 2,4-Dichlorophenol	7.95	162	234590	35.543	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	274488	37.895	ng	99
31) Naphthalene	8.11	128	893274	37.065	ng	100
32) Benzoic acid	7.86	122	142187m	25.762	ng	
33) 4-Chloroaniline	8.16	127	37543	3.636	ng	94
34) Hexachlorobutadiene	8.22	225	149427	37.663	ng	98
35) Caprolactam	8.53	113	75650	32.856	ng	86
36) 4-Chloro-3-methylphenol	8.65	107	216127	30.539	ng	96
37) 2-Methylnaphthalene	8.80	142	568143	36.445	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	242972	44.904	ng	100
40) Hexachlorocyclopentadiene	8.95	237	215173	71.032	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	145042	38.614	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	143621	34.169	nq	97
45) 1,1'-Biphenyl	9.26	154	643217	40.507	nq	100
46) 2-Chloronaphthalene	9.29	162	501345	39.971	nq	98
47) 2-Nitroaniline	9.39	65	127401	41.074	nq	96
48) Acenaphthylene	9.70	152	727638	36.975	nq	100
49) Dimethylphthalate	9.56	163	539391	36.186	nq	99
50) 2,6-Dinitrotoluene	9.63	165	117124	42.464	nq	99
51) Acenaphthene	9.87	154	430135	35.824	nq	99
52) 3-Nitroaniline	9.80	138	48980	15.169	nq	95
53) 2,4-Dinitrophenol	9.91	184	42849	47.407	nq	# 17
54) Dibenzofuran	10.05	168	621095	37.119	nq	99
55) 4-Nitrophenol	9.97	139	164307	64.777	nq	99
56) 2,4-Dinitrotoluene	10.03	165	146829	40.584	nq	94
57) Fluorene	10.39	166	462943	38.011	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	109473	34.910	nq	94
59) Diethylphthalate	10.26	149	502440	33.845	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	212006	39.086	nq	93
61) 4-Nitroaniline	10.41	138	90538	28.676	nq	97
62) Azobenzene	10.55	77	476039	33.564	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	37276	30.240	nq	88
65) n-Nitrosodiphenylamine	10.50	169	391038	39.830	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	125165	41.557	nq	93
67) Hexachlorobenzene	10.94	284	145304	42.875	nq	# 90
68) Atrazine	11.03	200	112307	37.897	nq	98
69) Pentachlorophenol	11.14	266	119858	57.168	nq	97
70) Phenanthrene	11.36	178	607419	38.520	nq	99
71) Anthracene	11.41	178	628509	39.210	nq	99
72) Carbazole	11.56	167	552084	35.247	nq	100
73) Di-n-butylphthalate	11.89	149	678183	35.445	nq	99
74) Fluoranthene	12.55	202	613060	37.211	nq	98
76) Benzidine	12.67	184	201405	19.925	nq	97
77) Pyrene	12.77	202	624775	33.703	nq	99
79) Butylbenzylphthalate	13.39	149	305118	34.937	nq	99
80) Benzo(a)anthracene	13.97	228	600287	40.178	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	143567	25.772	nq	98
82) Chrysene	14.00	228	582956	37.986	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	415065	36.950	nq	98
84) Di-n-octyl phthalate	14.57	149	762652	40.632	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.89	276	671548	51.513	nq	98
87) Benzo(b)fluoranthene	15.02	252	692474	38.931	nq	98
88) Benzo(k)fluoranthene	15.04	252	587929	35.011	nq	99
89) Benzo(a)pyrene	15.38	252	632180	39.722	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	544481	41.656	nq	98
91) Benzo(g,h,i)perylene	17.33	276	543383	42.909	nq	97

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

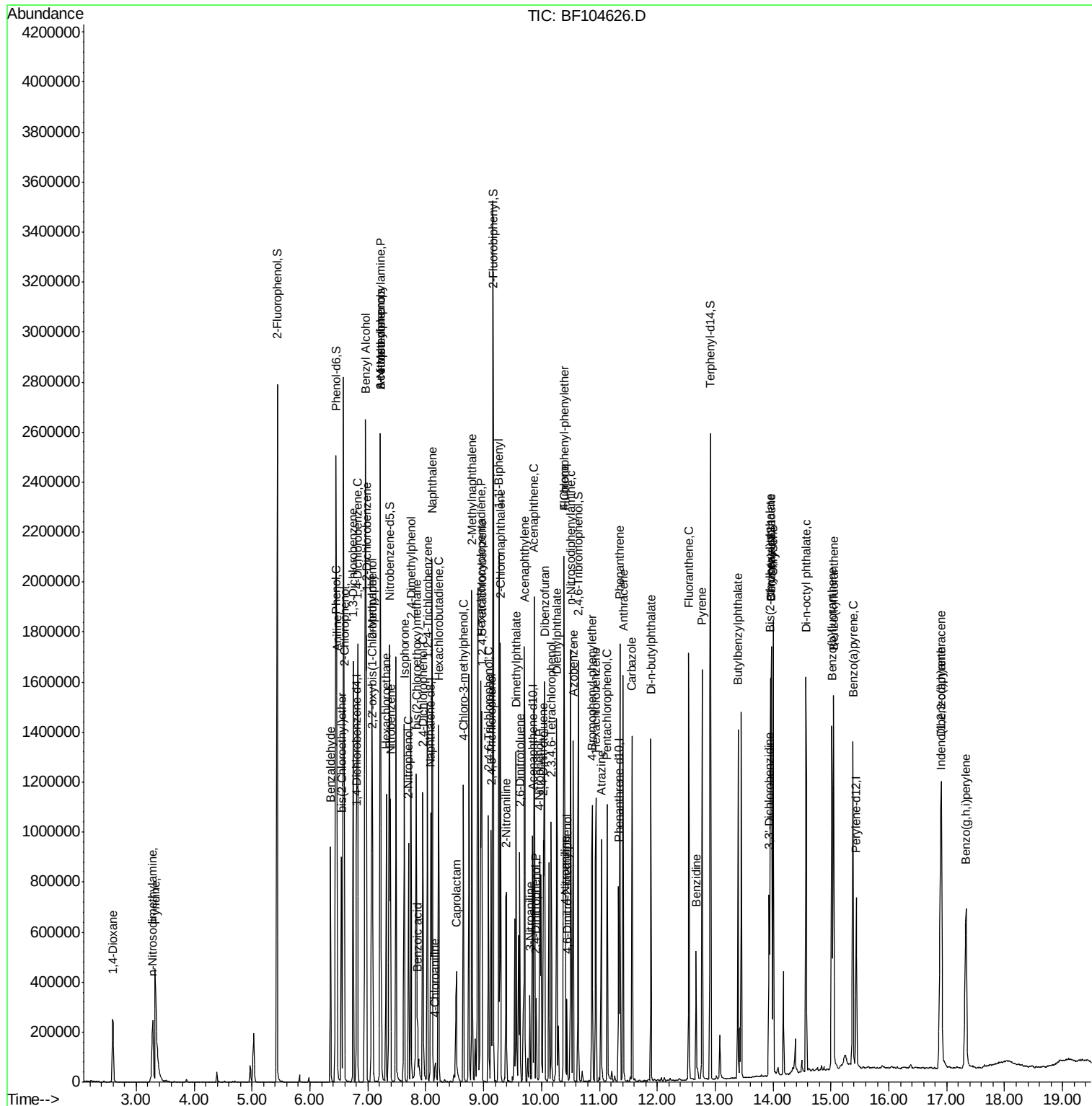
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
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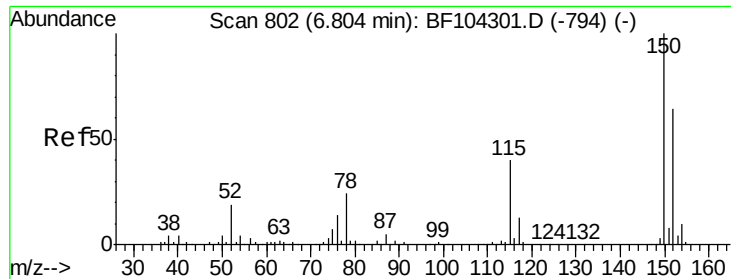
Instrument :
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#1

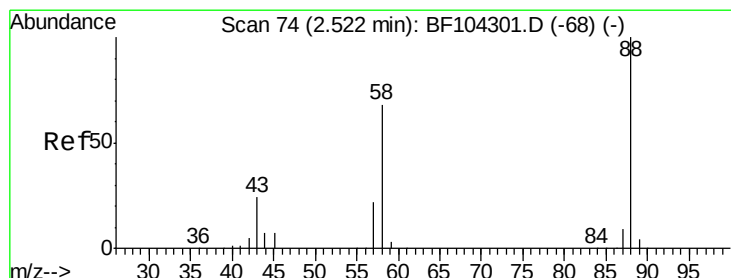
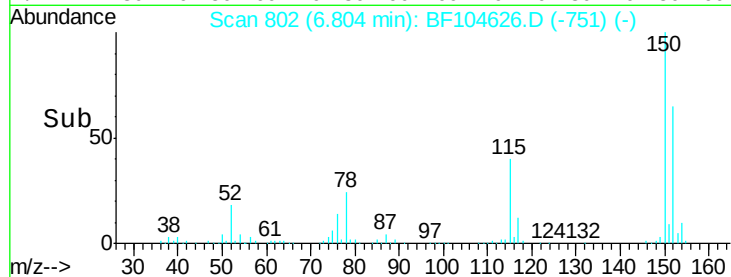
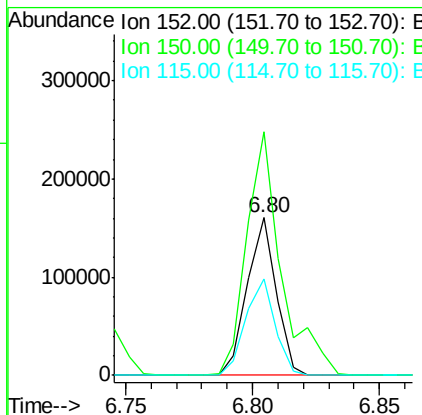
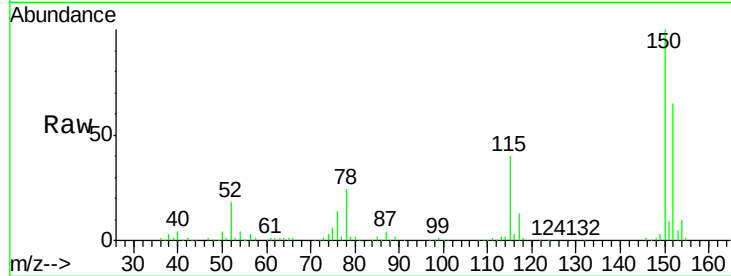
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	61.3	50.1	75.1

Manual Integrations
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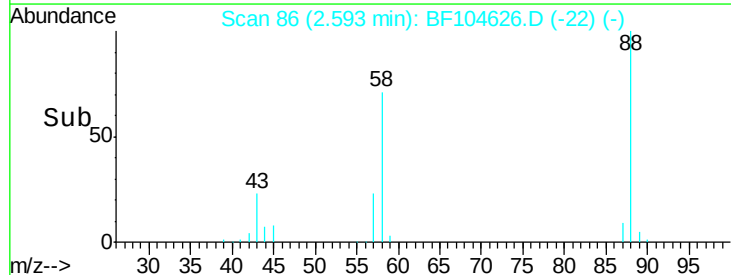
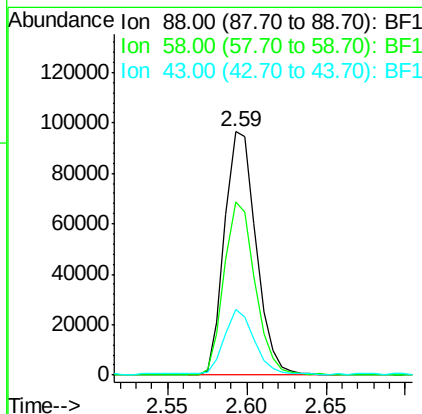
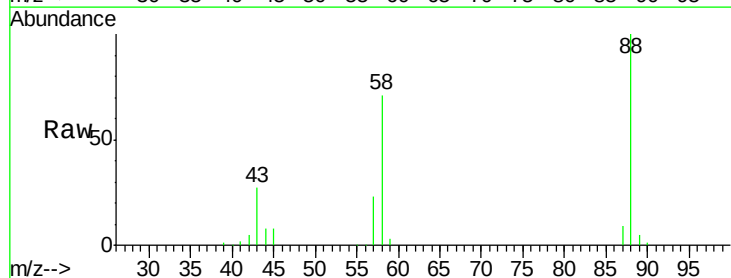
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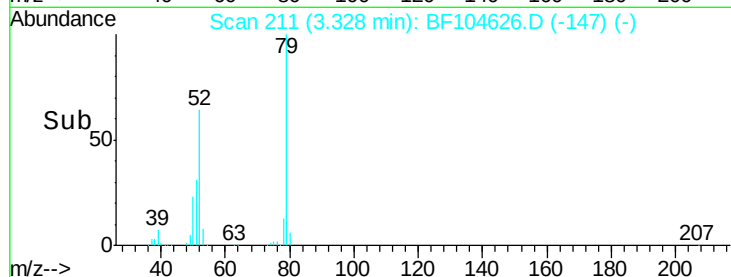
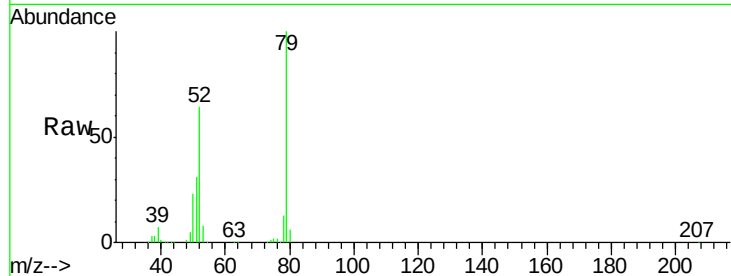
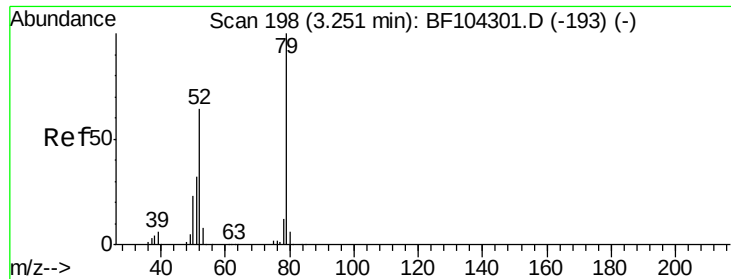


#2

1,4-Dioxane
Concen: 34.189 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	62.6	93.8
43	24.8	24.6	37.0





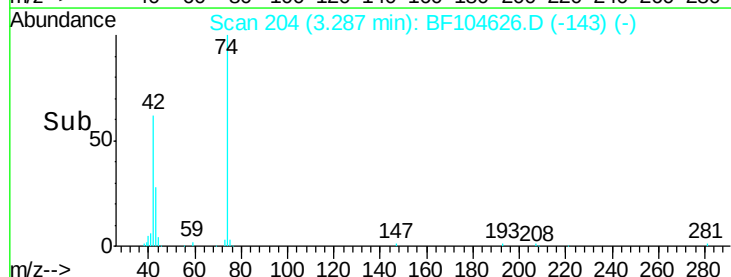
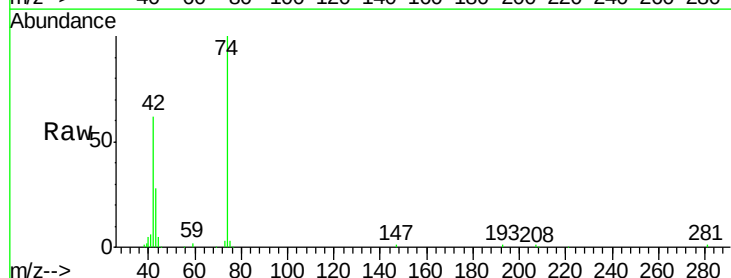
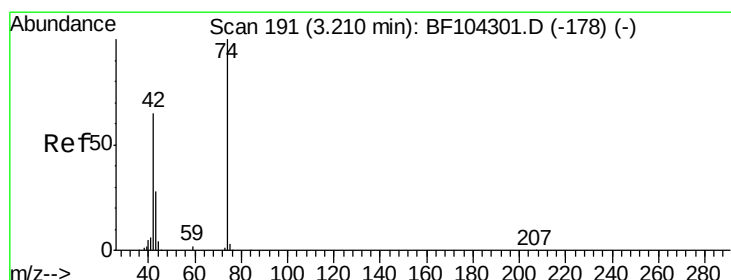
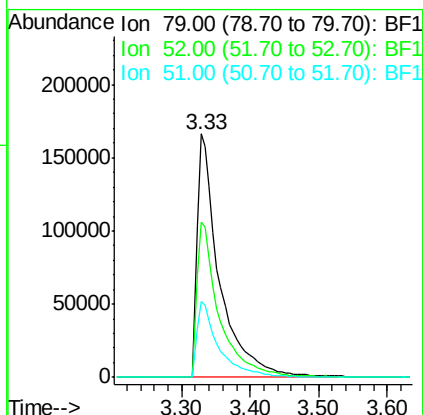
#3
Pvridine
Concen: 34.297 ng
RT: 3.33 min Scan# 211
Delta R.T. 0.08 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.0	59.8	89.6
51	31.2	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB108340BS

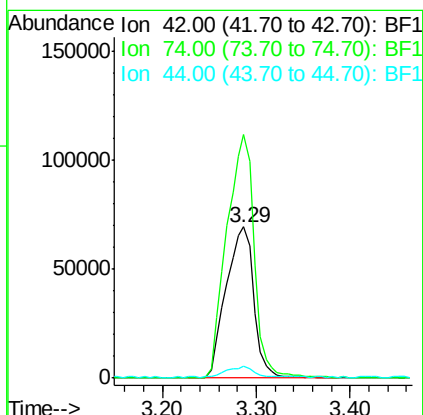
Manual Integrations
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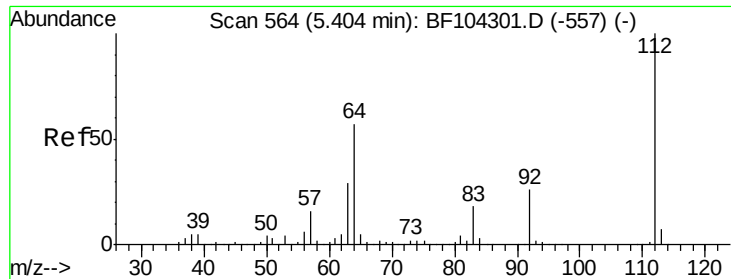
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#4
n-Nitrosodimethylamine
Concen: 37.216 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.06 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.1	104.9	157.3#
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 103.124 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

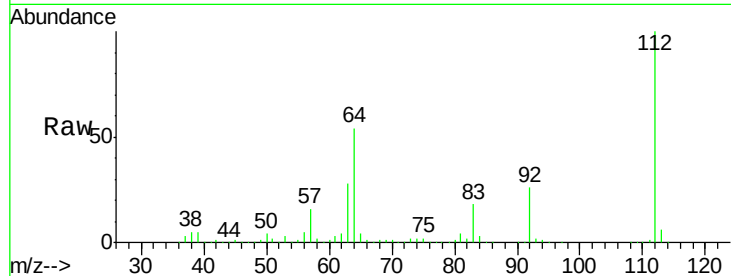
ClientSampleId :

PB108340BS

Tot Ion:	112	Resp:	866426
Ion Ratio	Lower	Upper	
112	100		
64	53.9	47.9	71.9
63	27.8	23.7	35.5

Manual Integrations
APPROVED

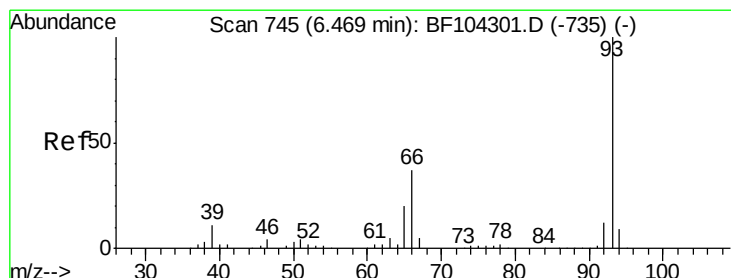
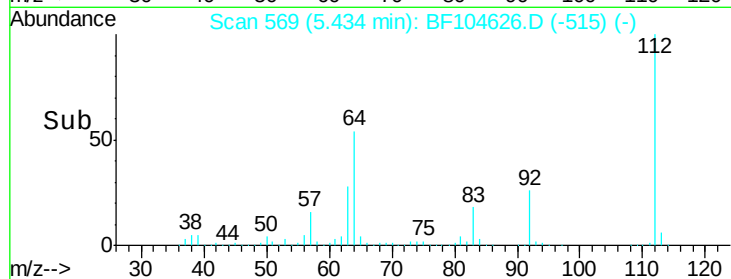
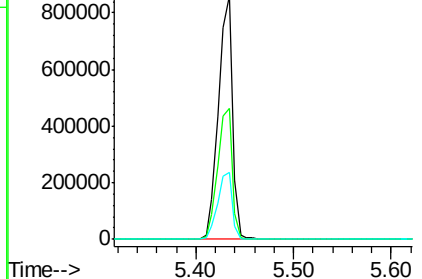
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.627 ng

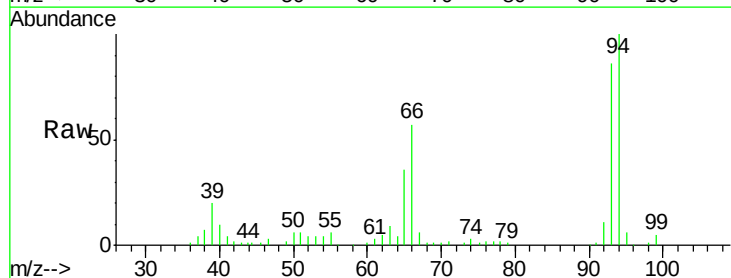
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

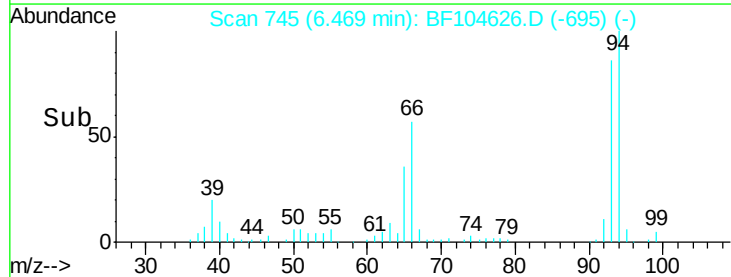
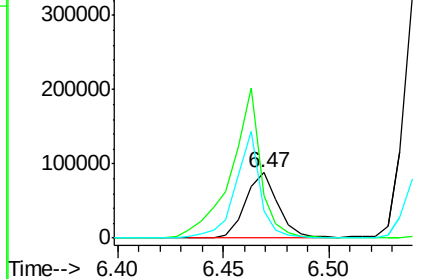
Tgt Ion:	93	Resp:	95039
Ion Ratio	Lower	Upper	
93	100		
66	66.2	32.2	48.2#
65	41.2	16.4	24.6#

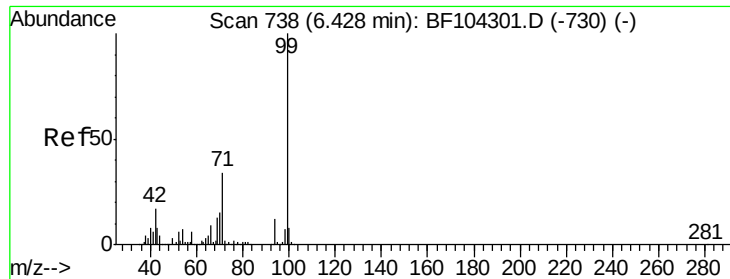


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.583 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108340BS

Tot Ion: 99 Resp: 1007356

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

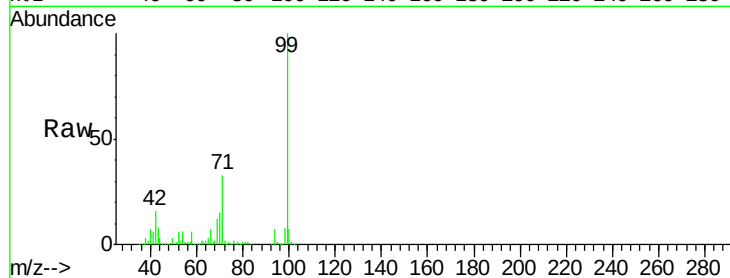
71 33.2 25.4 38.0

Manual Integrations

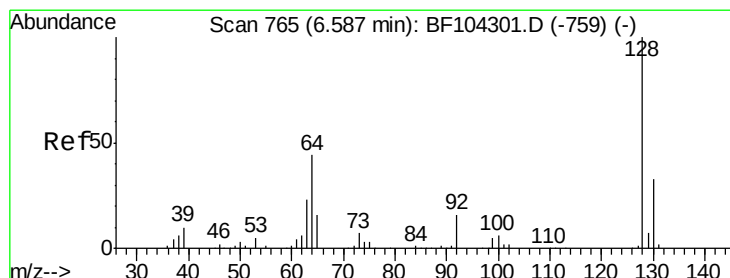
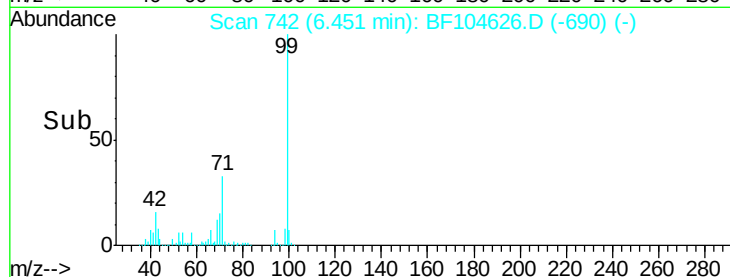
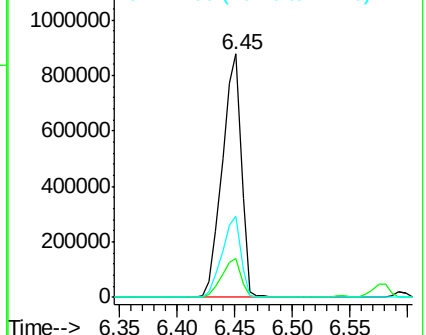
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.914 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

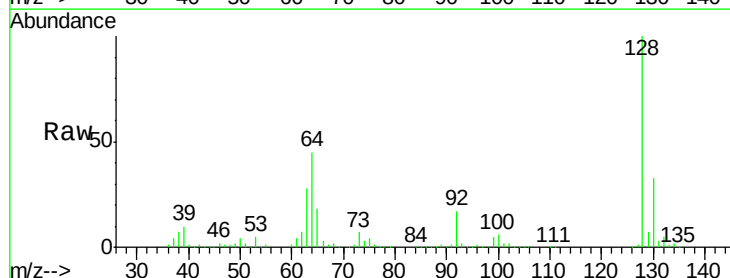
Tgt Ion: 128 Resp: 318481

Ion Ratio Lower Upper

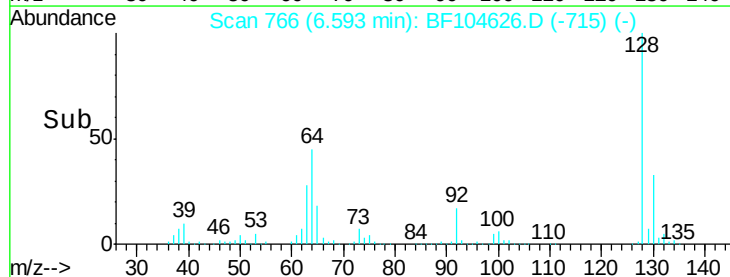
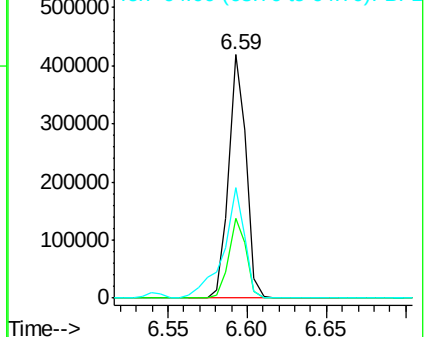
128 100

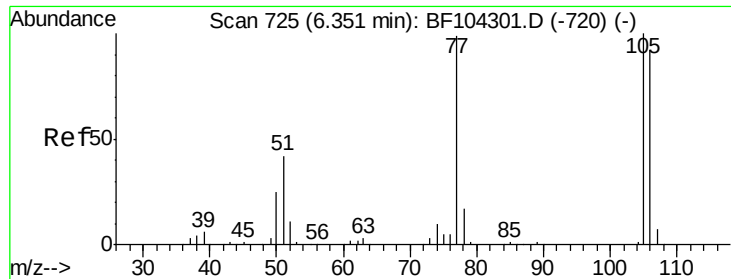
130 32.6 13.0 53.0

64 45.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





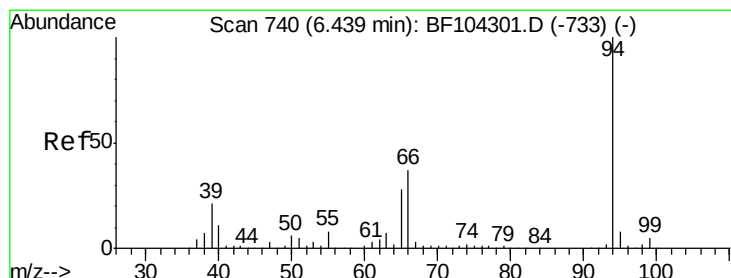
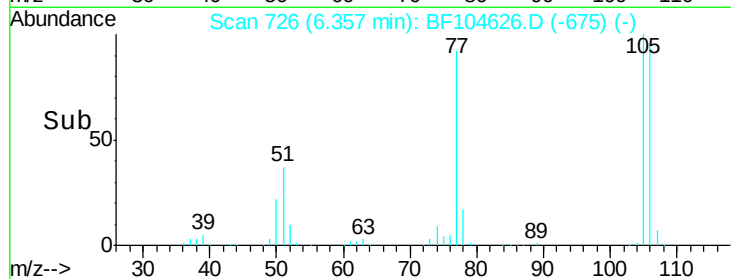
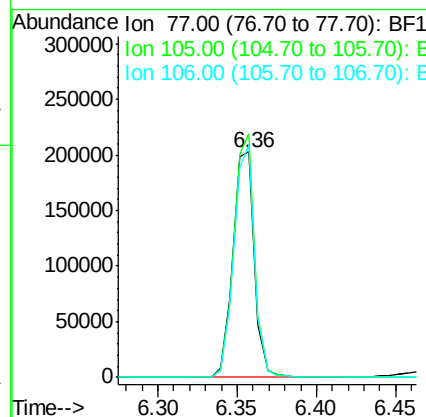
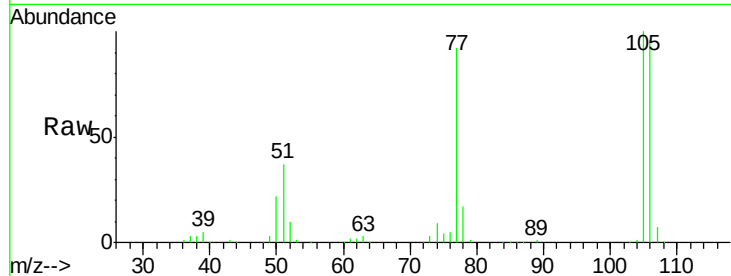
#9
Benzaldehyde
Concen: 34.862 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104626.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	108.1	81.1	121.1
106	103.4	74.5	114.5

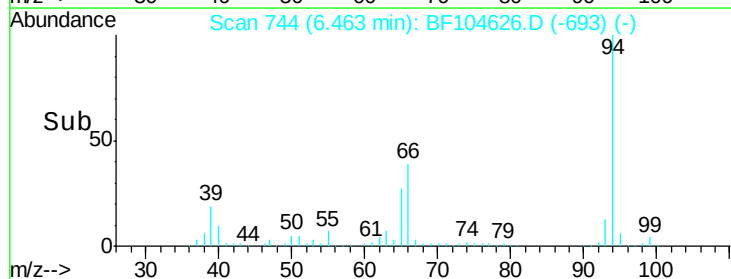
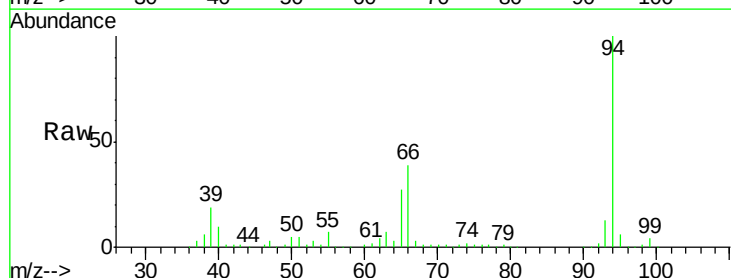
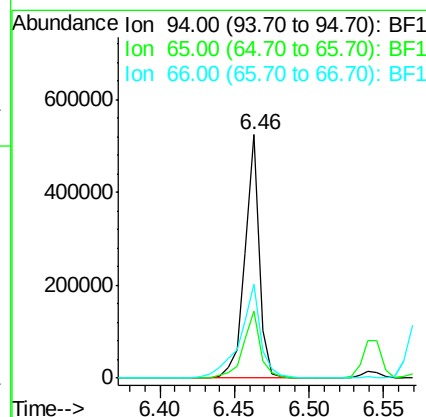
Manual Integrations
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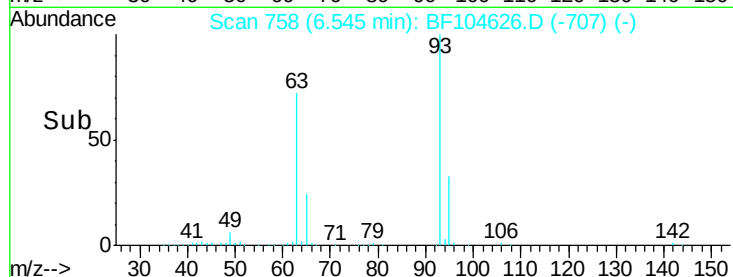
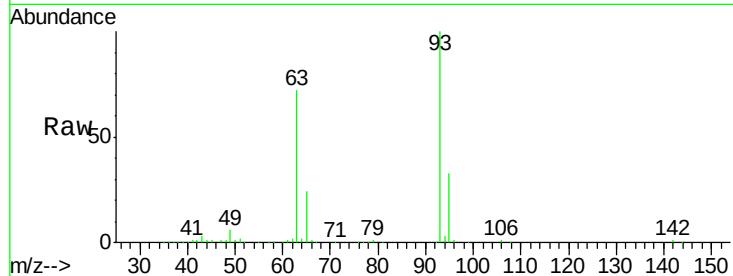
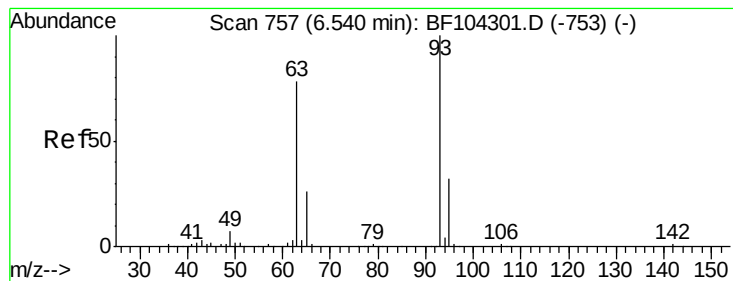
Sohil
4/20/2018 3:05:04 PM



#10
Phenol
Concen: 32.487 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	38.7	16.2	56.2





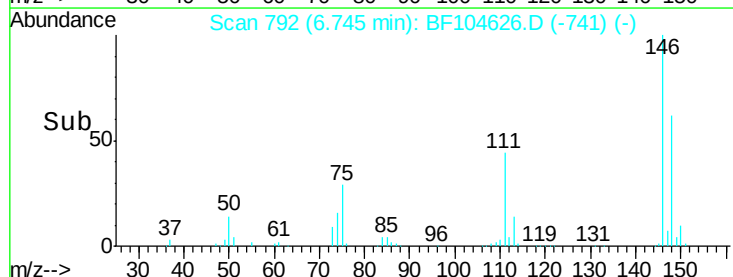
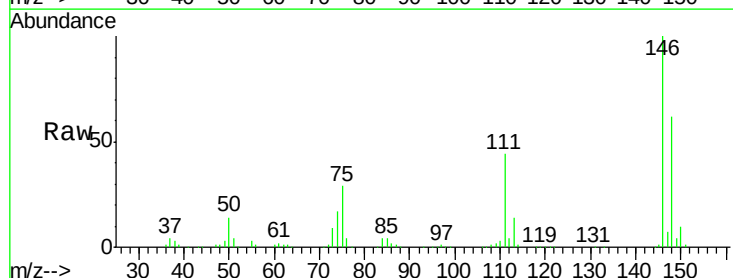
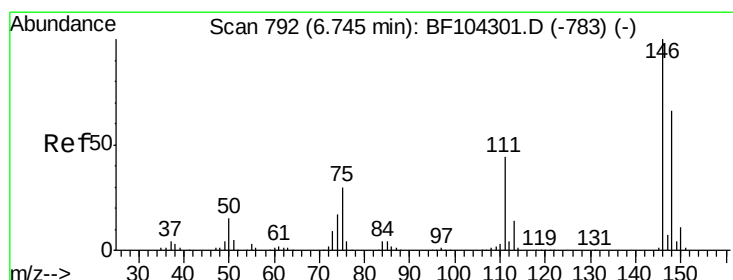
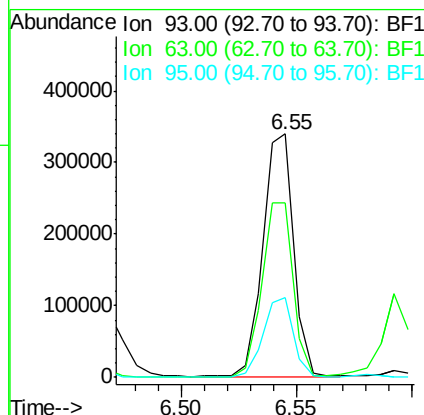
#11
bis(2-Chloroethyl)ether
Concen: 35.903 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tot Ion:	93	Resp:	313814
Ion Ratio	Lower	Upper	
93	100		
63	71.7	58.6	98.6
95	32.7	11.8	51.8

Instrument :
BNA_F
ClientSampleId :
PB108340BS

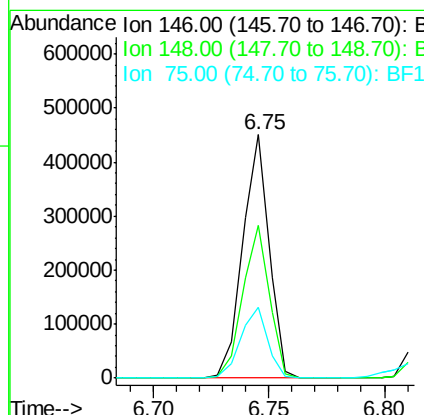
Manual Integrations
APPROVED

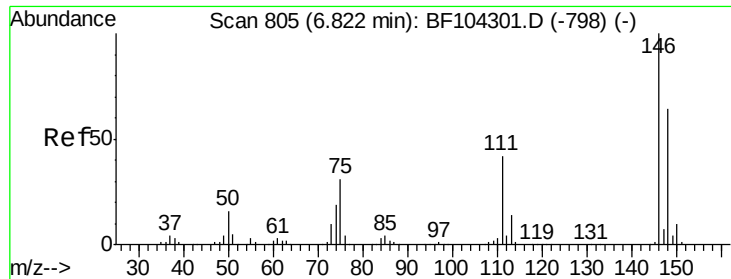
Sohil
4/20/2018 3:05:04 PM



#12
1,3-Dichlorobenzene
Concen: 35.850 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion:	146	Resp:	360155
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.8	77.8
75	29.2	24.2	36.4





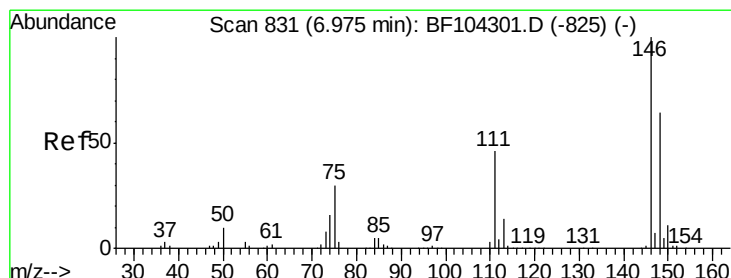
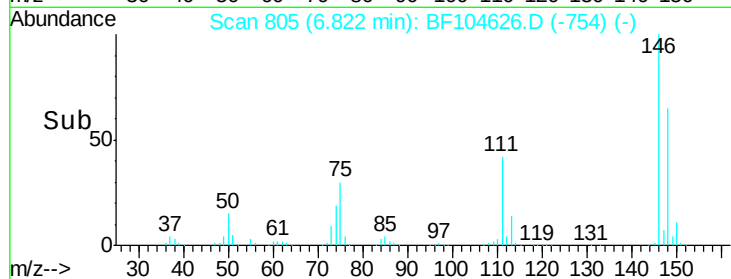
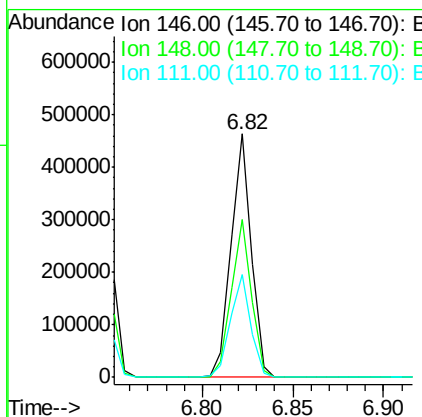
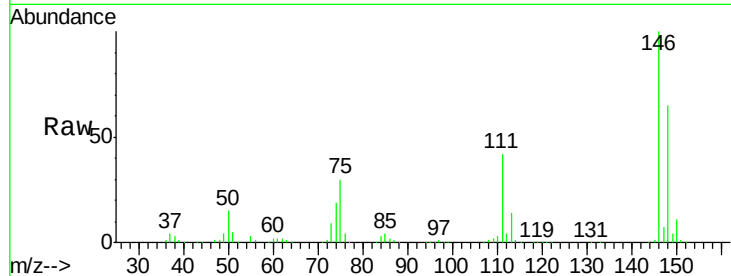
#13
 1,4-Dichlorobenzene
 Concen: 36.066 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	42.1	34.2	51.2

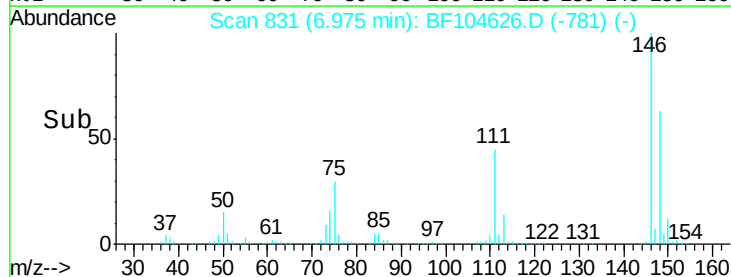
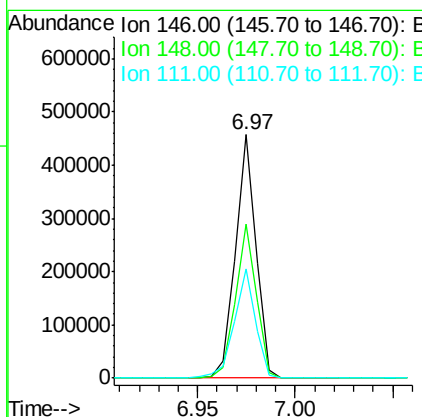
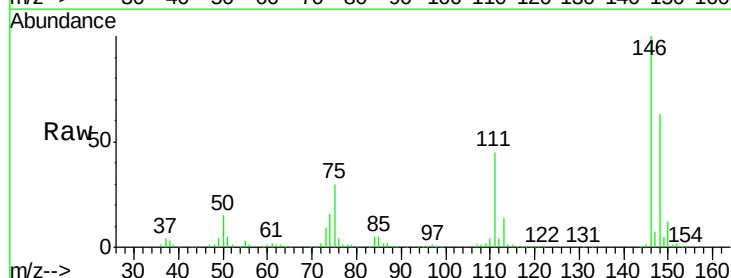
Manual Integrations
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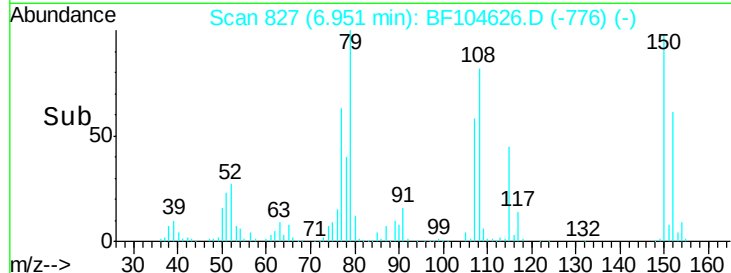
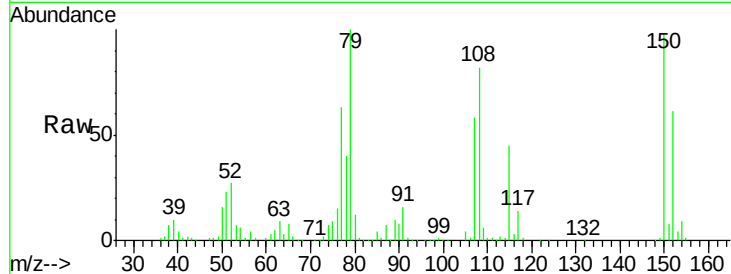
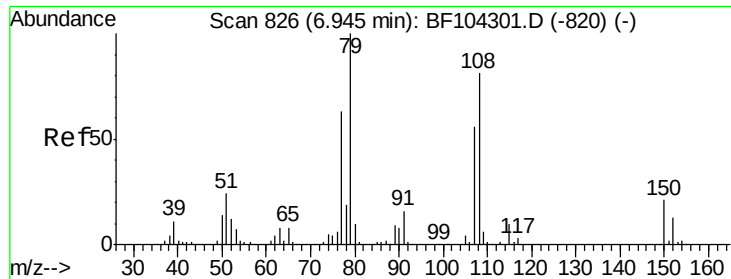
Sohil
 4/20/2018 3:05:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.974 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	45.0	36.0	54.0





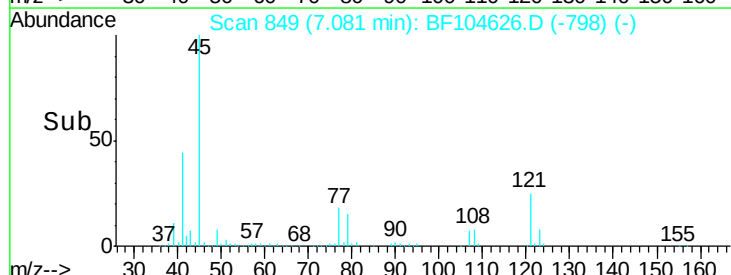
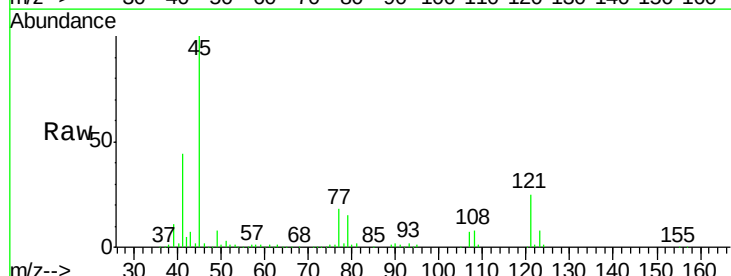
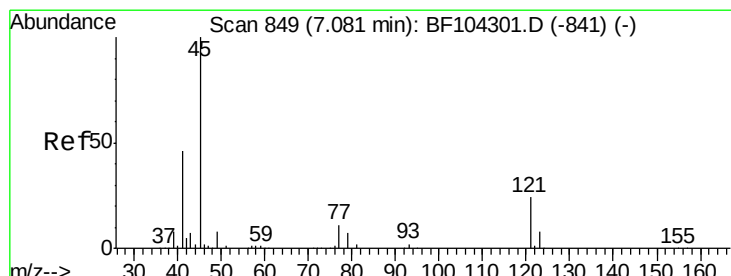
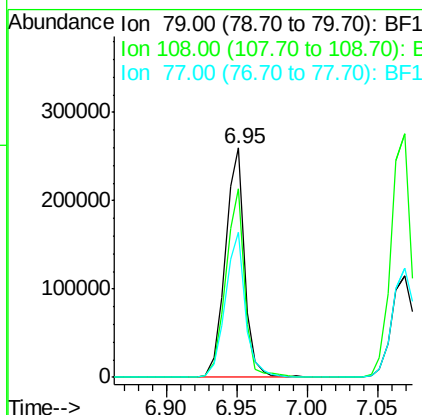
#15
Benzyl Alcohol
Concen: 31.396 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	65.1	97.7
77	63.4	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
PB108340BS

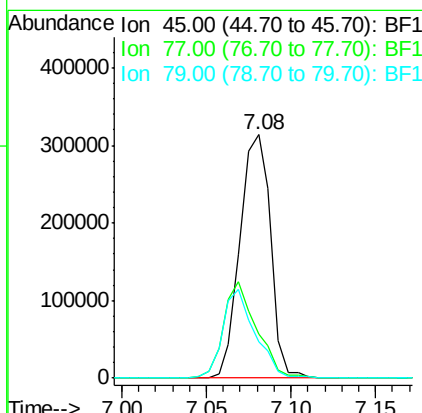
Manual Integrations
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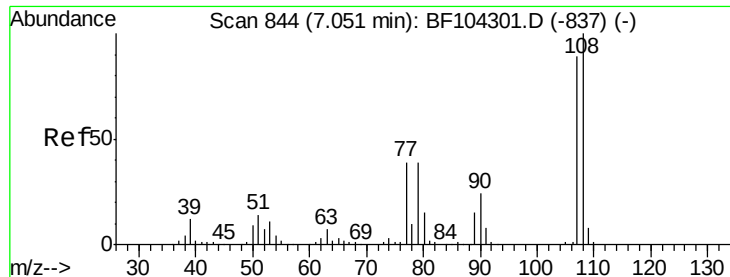
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.841 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	32.9
79	14.9	0.0	29.6





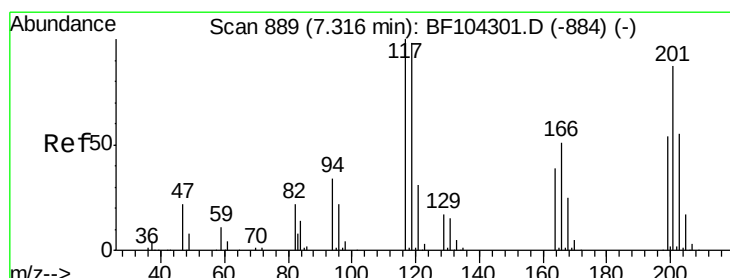
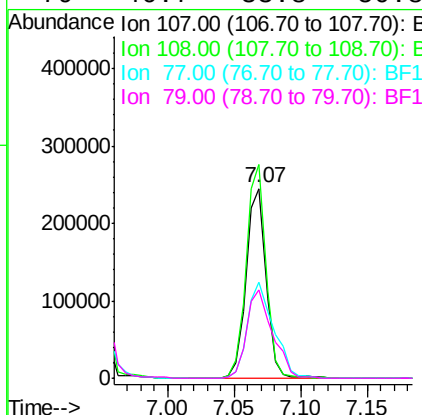
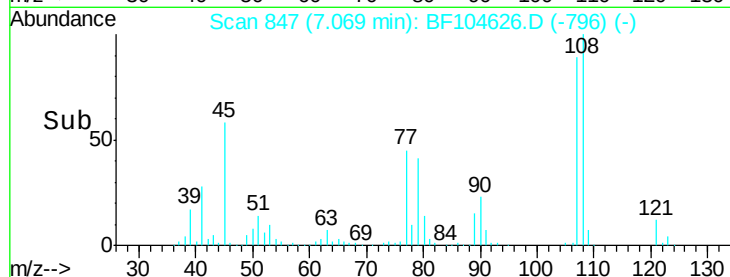
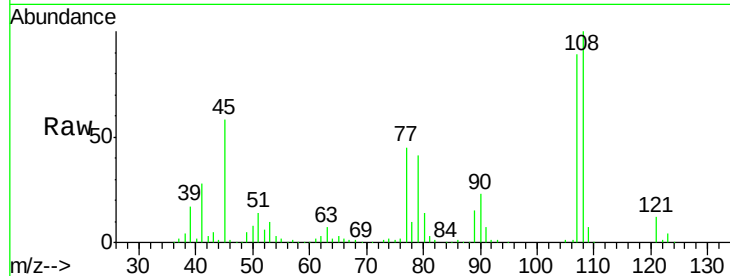
#17
2-Methylphenol
Concen: 32.778 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.7	137.5	
77	50.6	33.8	50.8	
79	46.7	33.8	50.8	

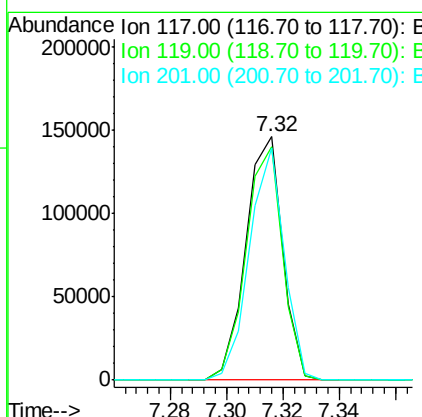
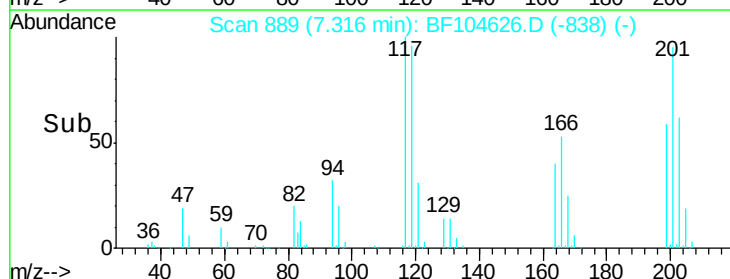
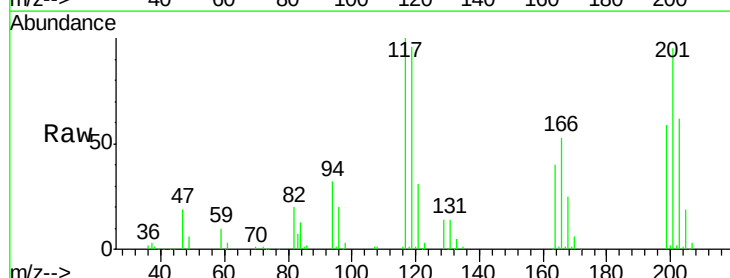
Manual Integrations
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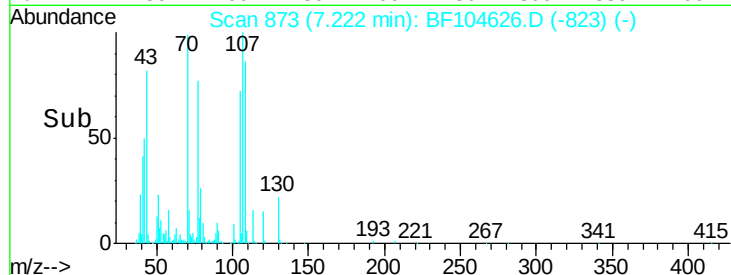
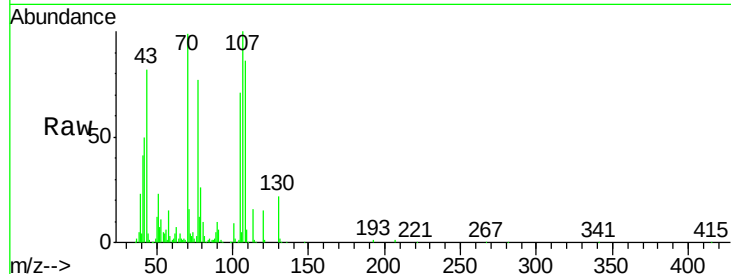
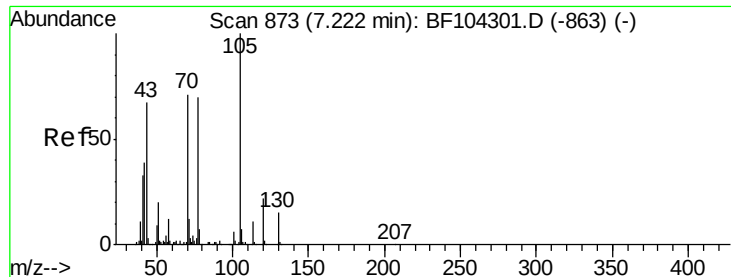
Sohil
4/20/2018 3:05:04 PM



#18
Hexachloroethane
Concen: 36.903 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	75.8	113.8	
201	95.5	75.7	113.5	





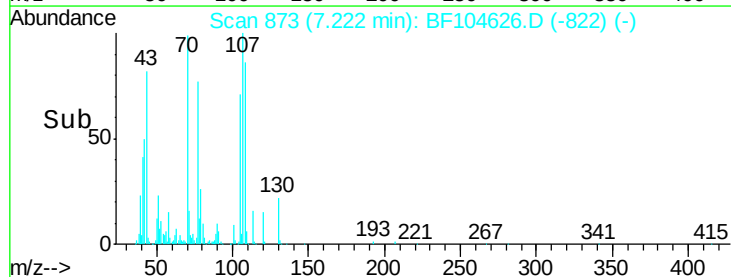
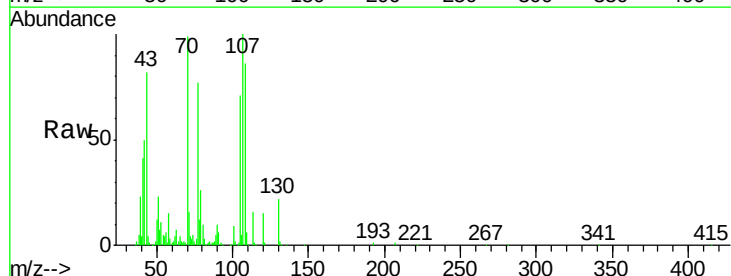
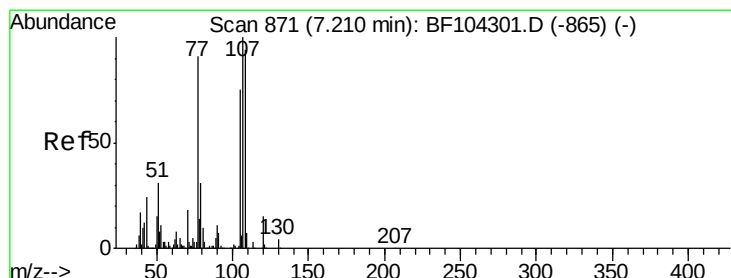
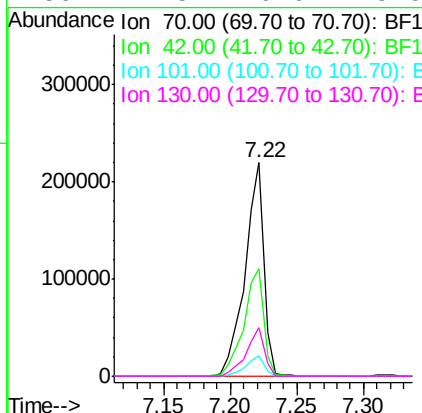
#19
n-Nitroso-di-n-propylamine
Concen: 31.640 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Manual Integrations
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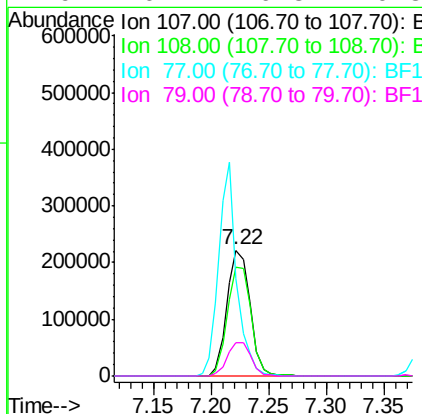
Sohil
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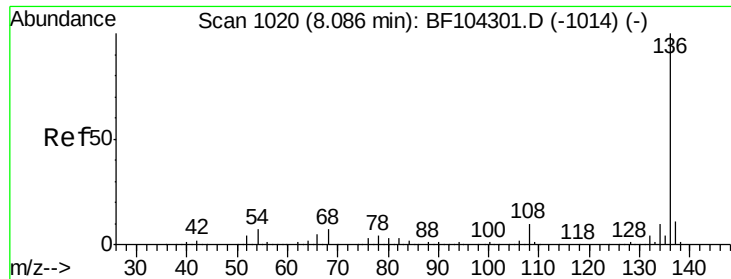
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	9.4	7.4	11.2
130	22.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 32.133 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.2	108.2
77	77.2	26.7	66.7#
79	26.2	6.3	46.3





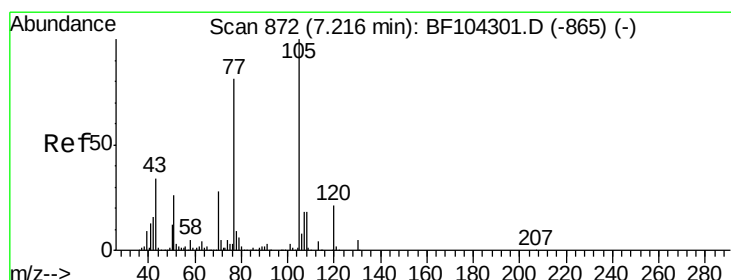
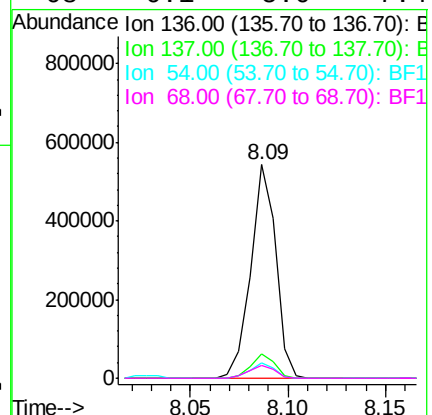
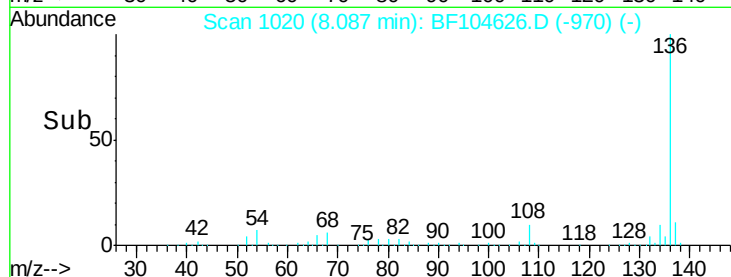
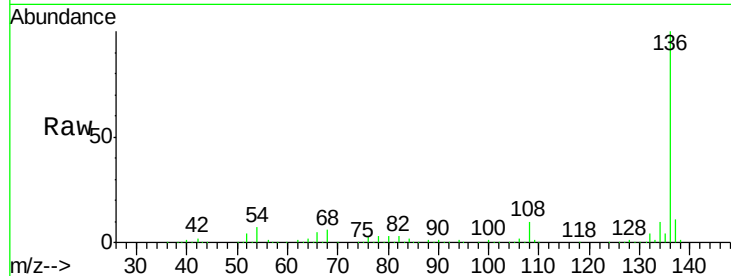
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	483986		
137	11.2	8.9	13.3	
54	7.5	6.6	9.8	
68	6.1	5.0	7.4	

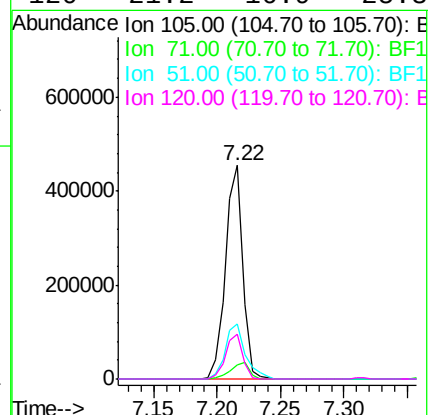
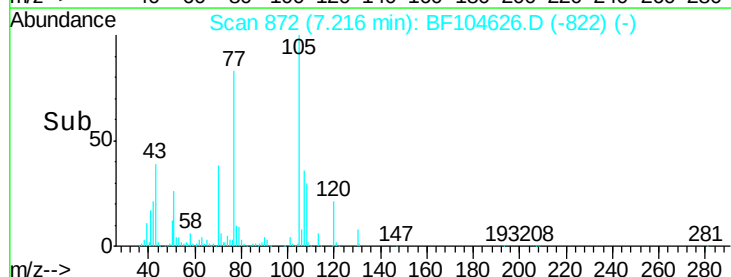
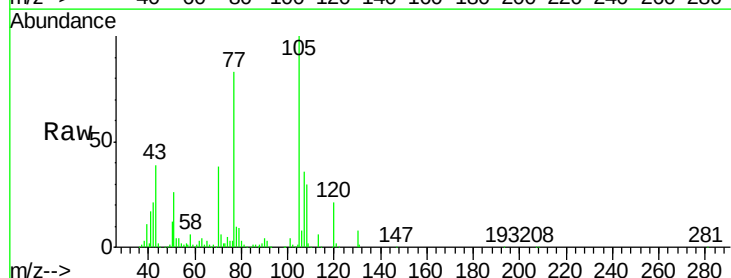
Manual Integrations
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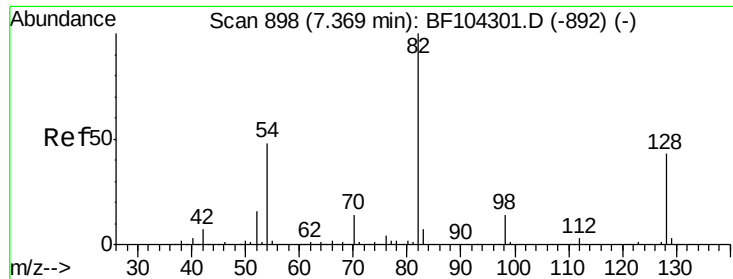
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#22
Acetophenone
Concen: 36.540 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	435389		
71	6.3	4.4	6.6	
51	25.5	22.3	33.5	
120	21.2	16.9	25.3	





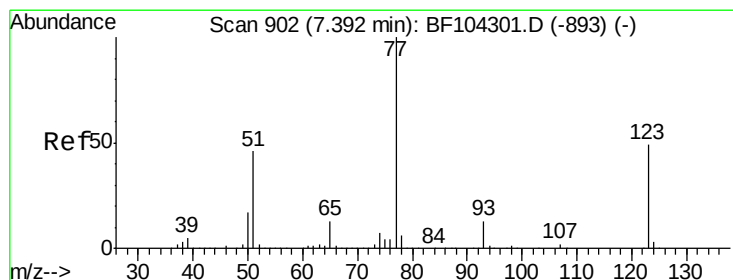
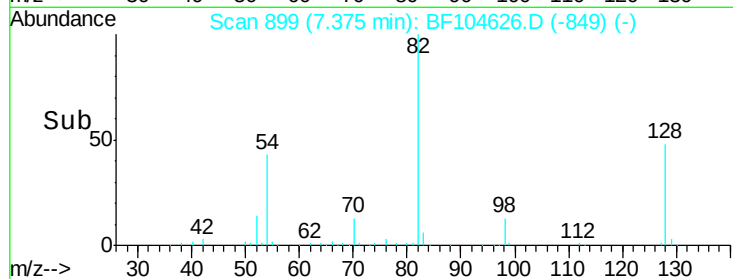
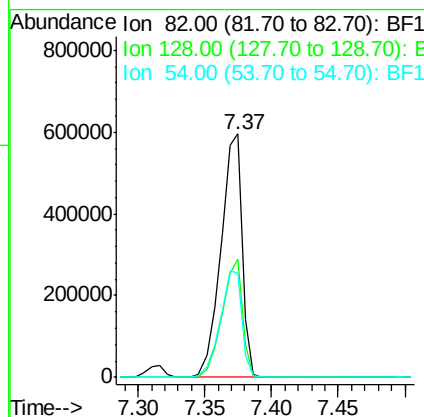
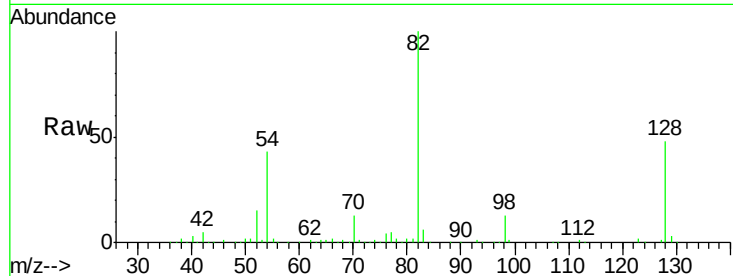
#23
 Nitrobenzene-d5
 Concen: 90.482 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampled :
 PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	670651		
128	48.4	36.1	54.1	
54	43.0	41.4	62.2	

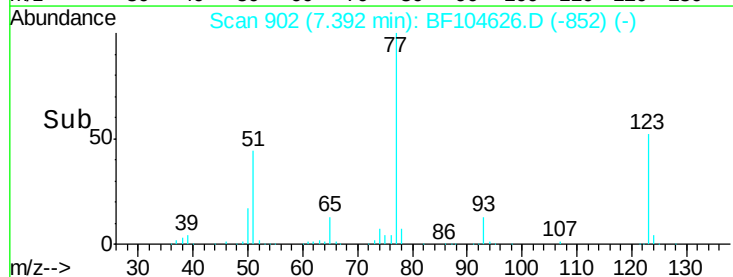
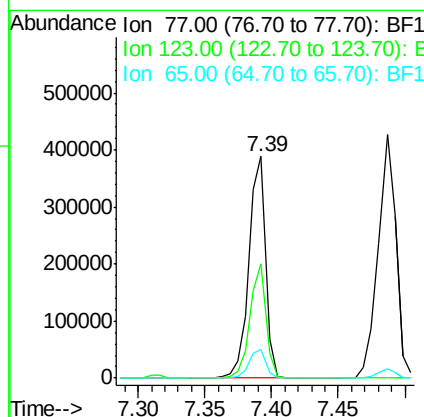
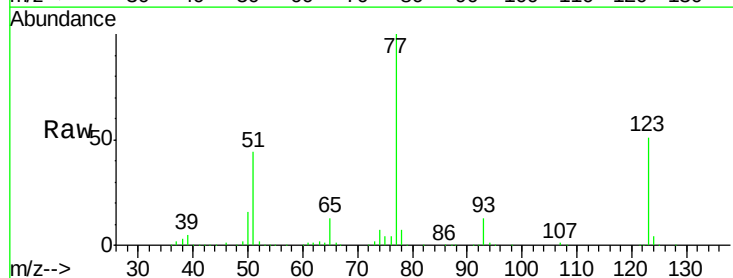
Manual Integrations
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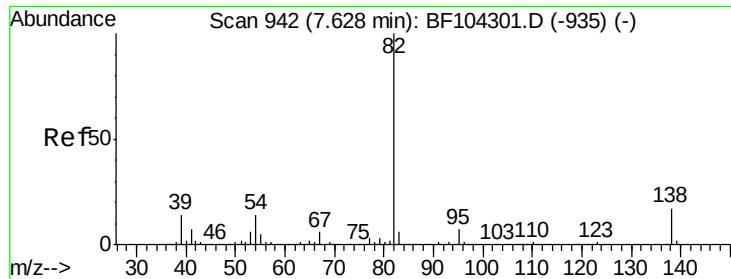
Sohil
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#24
 Nitrobenzene
 Concen: 40.538 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	331733		
123	51.4	37.9	56.9	
65	12.6	11.0	16.4	





#25

Isophorone

Concen: 37.305 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

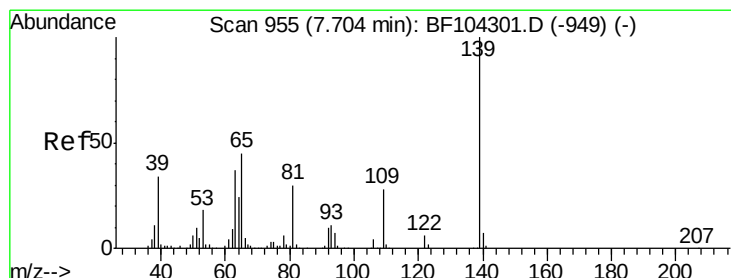
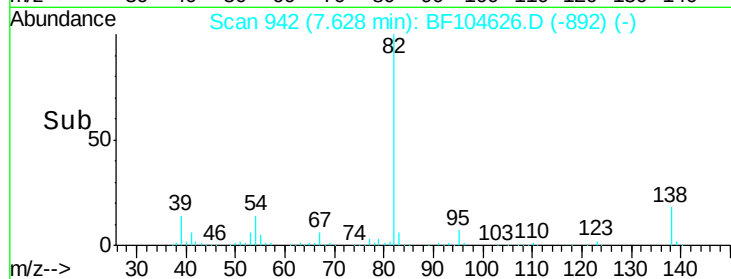
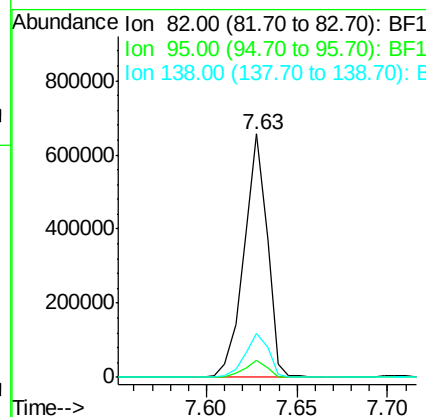
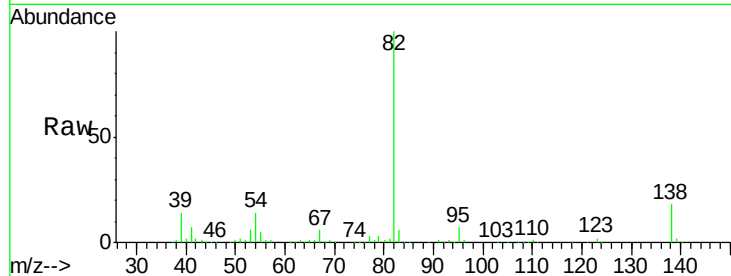
ClientSampleId :

PB108340BS

Tot Ion:	82	Resp:	584711
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.526 ng

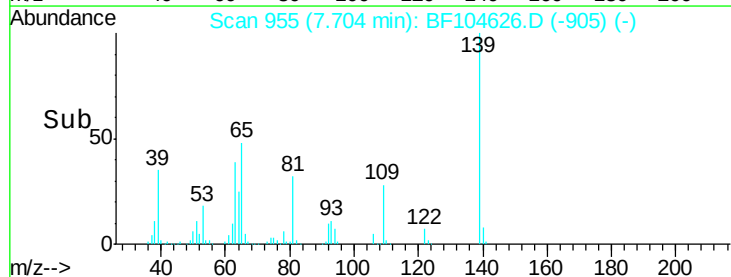
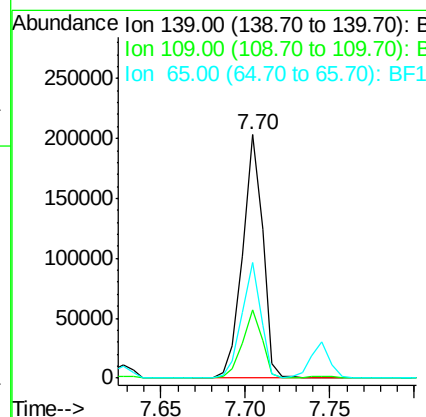
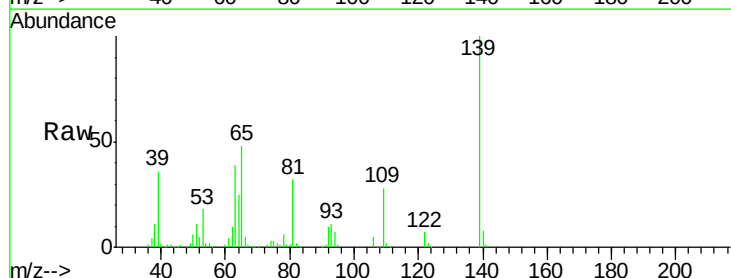
RT: 7.70 min Scan# 955

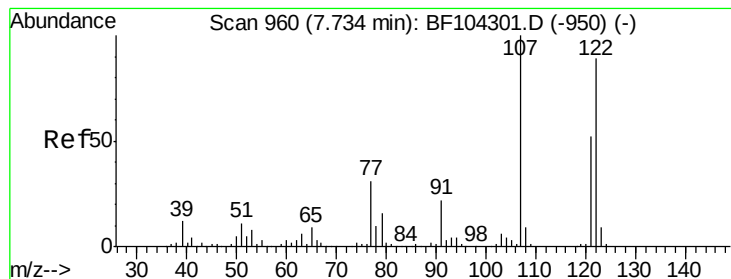
Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Tgt Ion:	139	Resp:	168323
Ion Ratio	Lower	Upper	
139	100		
109	28.0	22.7	34.1
65	47.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 36.798 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

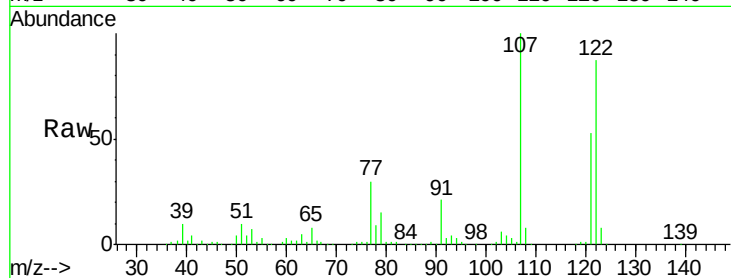
ClientSampleId :

PB108340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		254545		
107	114.8	91.2	136.8		
121	60.7	47.2	70.8		

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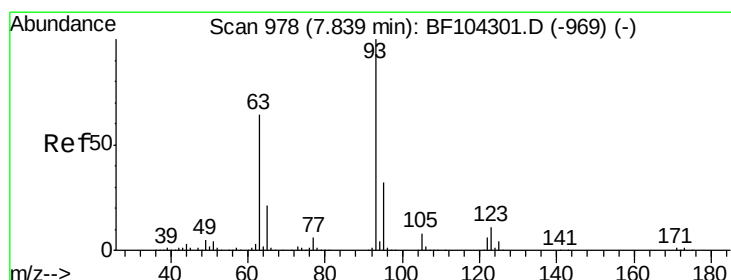
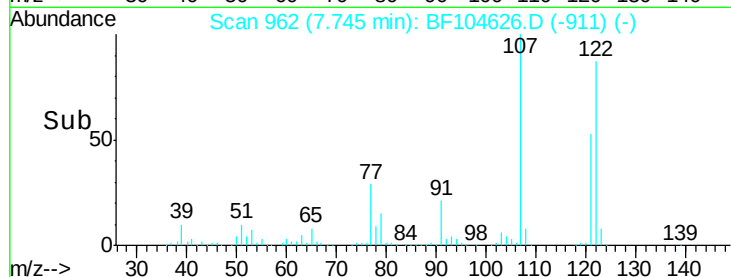
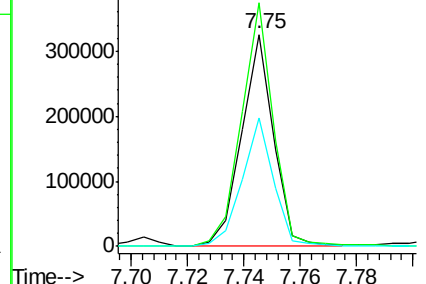
Sohil
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.433 ng

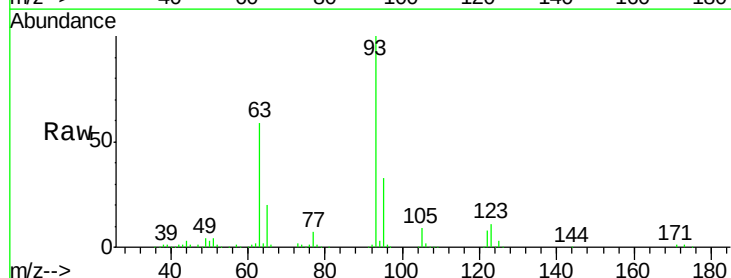
RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

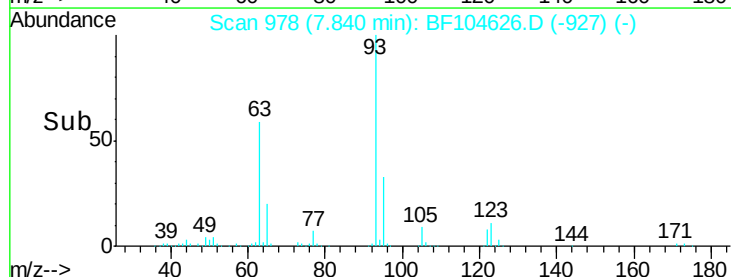
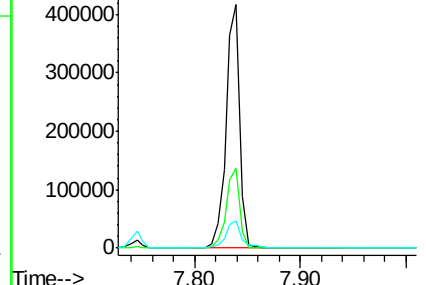
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		377883		
95	32.7	26.3	39.5		
123	11.3	9.8	14.6		

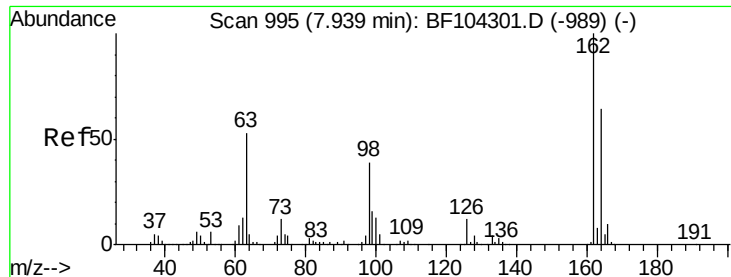


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.543 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

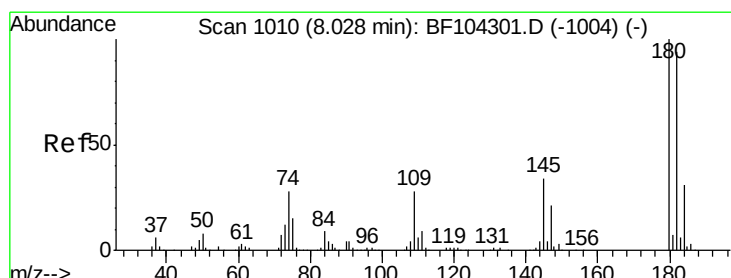
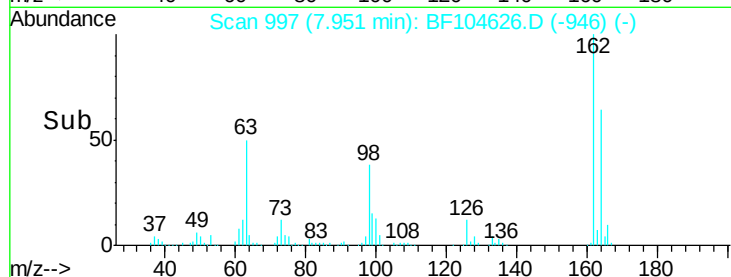
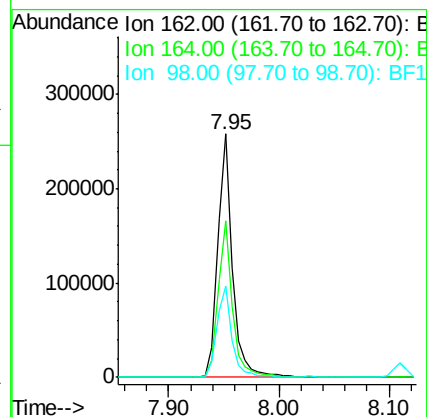
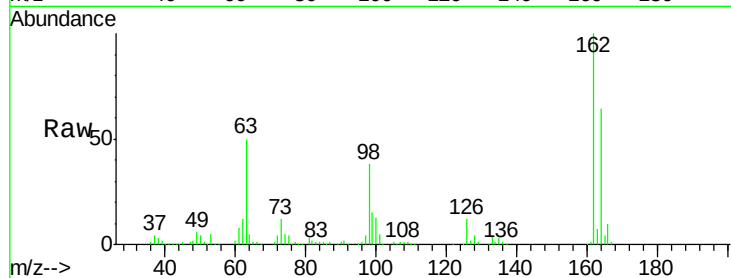
ClientSampled :

PB108340BS

Tot Ion:	162	Resp:	234590
Ion Ratio	Lower	Upper	
162	100		
164	64.5	42.7	82.7
98	37.5	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 37.895 ng

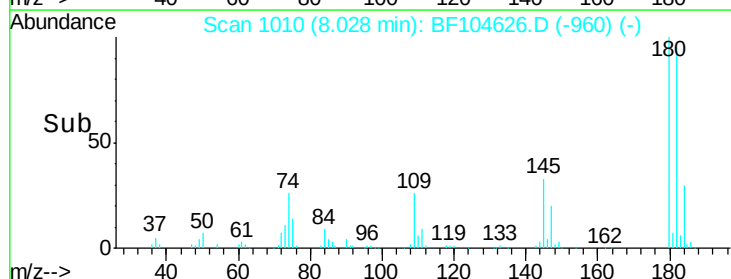
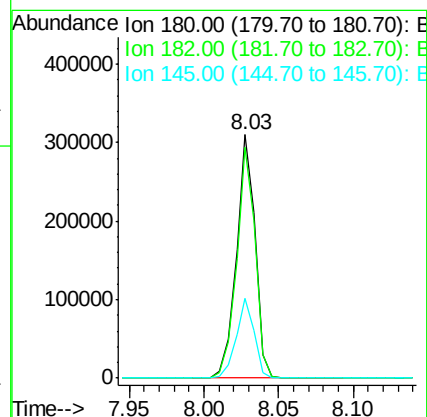
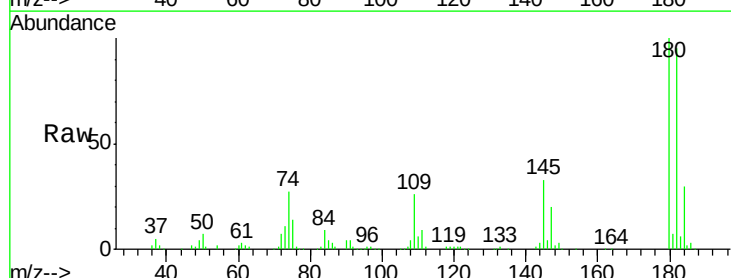
RT: 8.03 min Scan# 1010

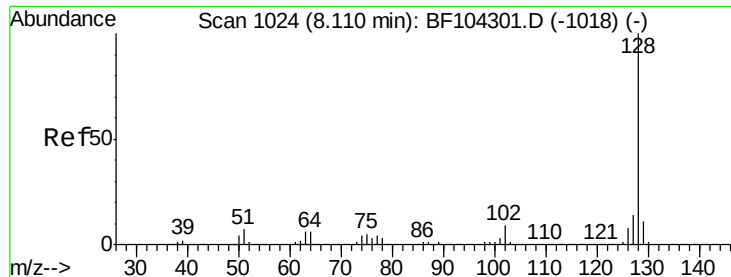
Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Tgt Ion:	180	Resp:	274488
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.8	115.2
145	32.9	26.5	39.7





#31

Naphthalene

Concen: 37.065 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

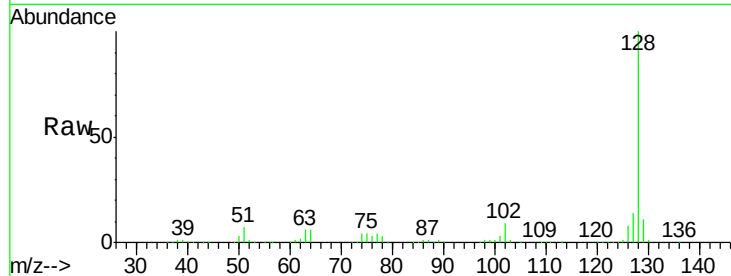
ClientSampled :

PB108340BS

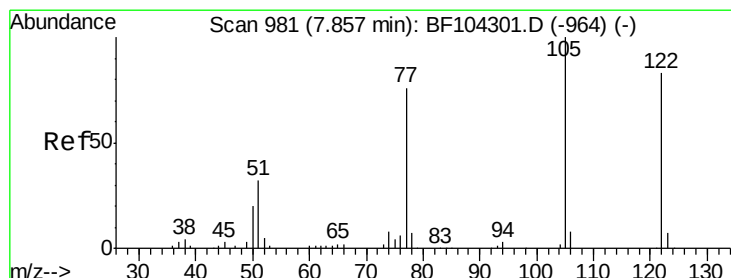
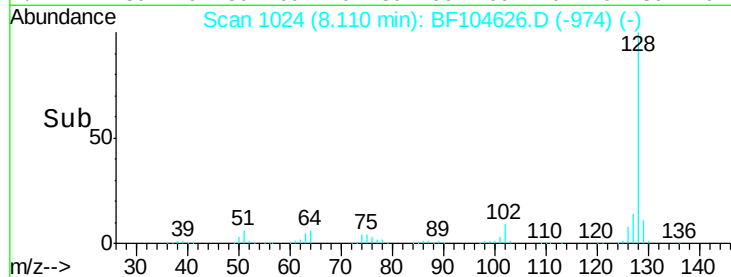
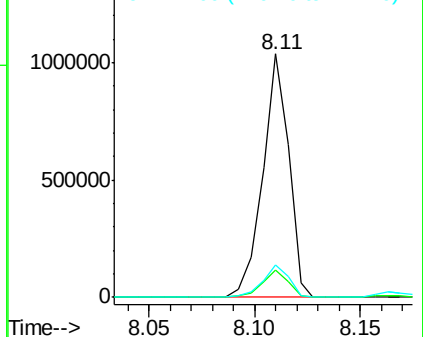
Tot Ion:	128	Resp:	893274
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

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



#32

Benzoic acid

Concen: 25.762 ng m

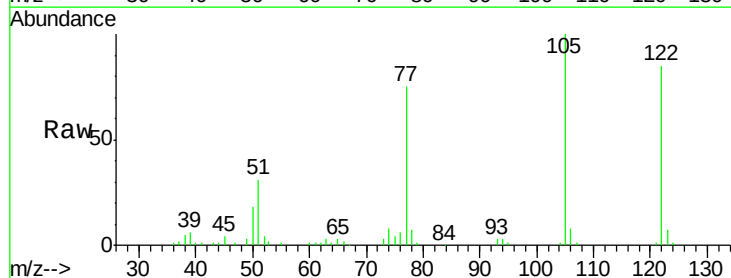
RT: 7.86 min Scan# 981

Delta R.T. -0.04 min

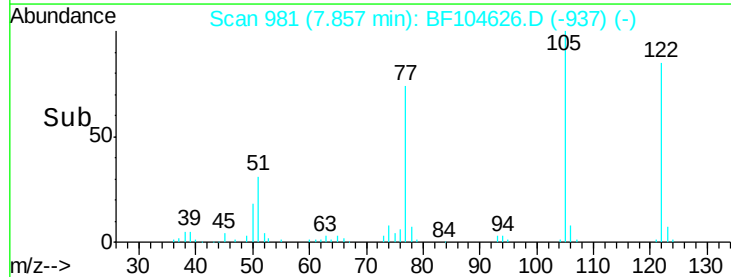
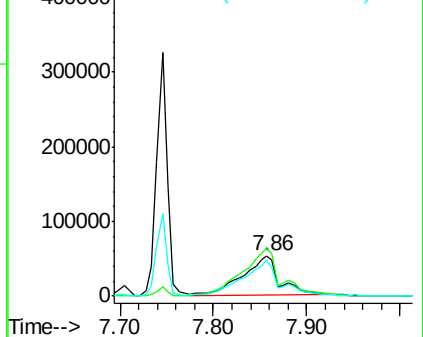
Lab File: BF104626.D

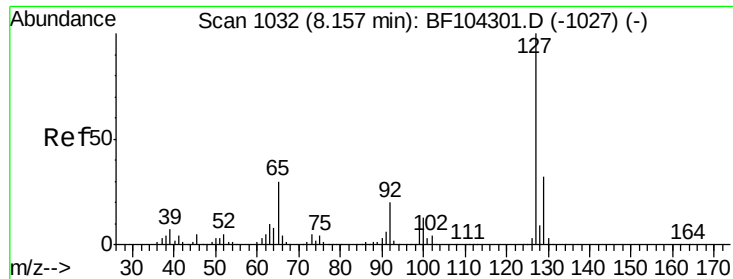
Acq: 19 Apr 2018 12:59

Tgt Ion:	122	Resp:	142187
Ion Ratio	Lower	Upper	
122	100		
105	118.3	101.1	141.1
77	89.1	70.7	110.7



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





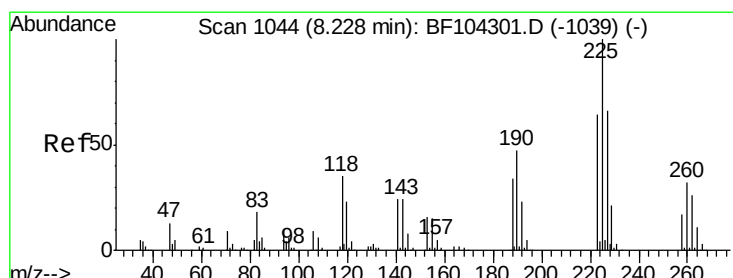
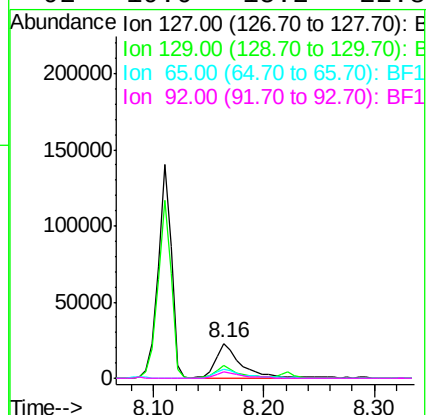
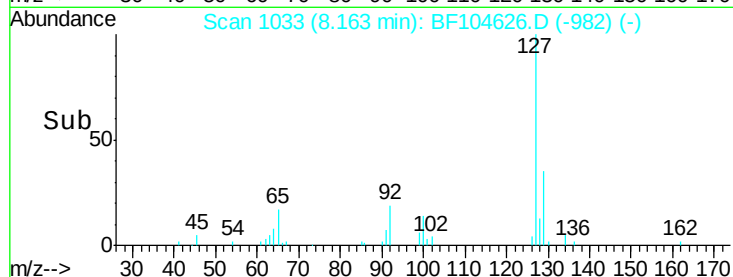
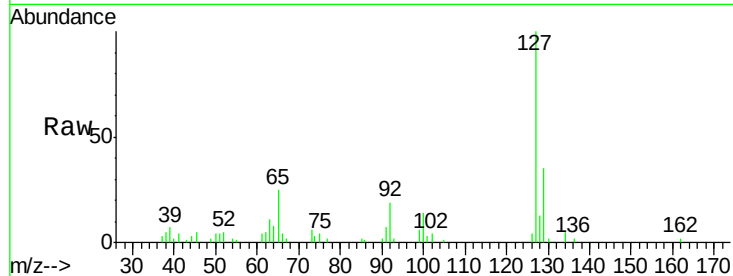
#33
4-Chloroaniline
Concen: 3.636 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.8	25.9	38.9		
65	25.2	25.0	37.4		
92	19.0	15.2	22.8		

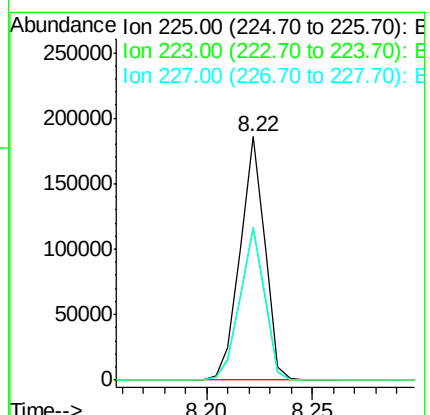
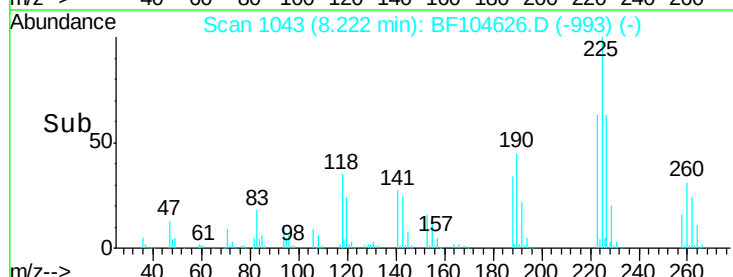
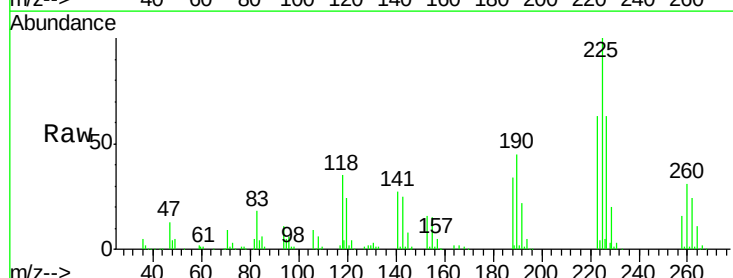
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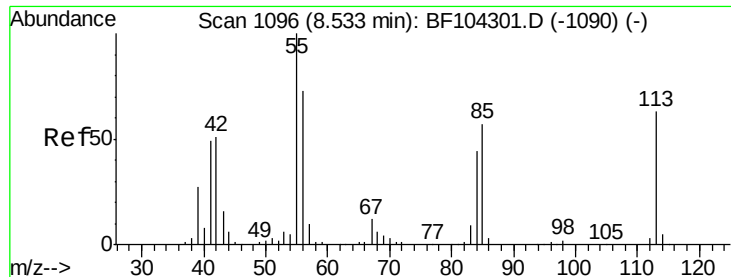
Sohil
4/20/2018 3:05:04 PM



#34
Hexachlorobutadiene
Concen: 37.663 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.6	76.0		
227	62.9	51.9	77.9		





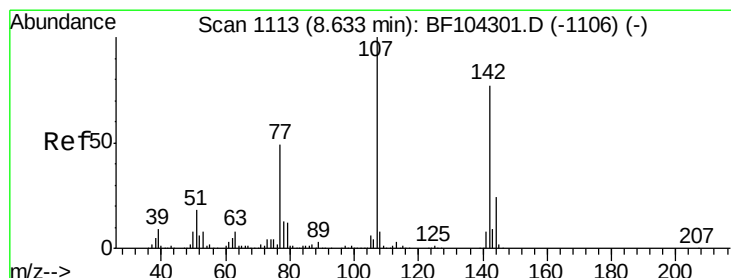
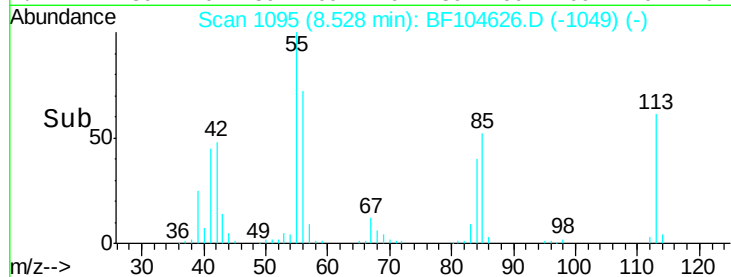
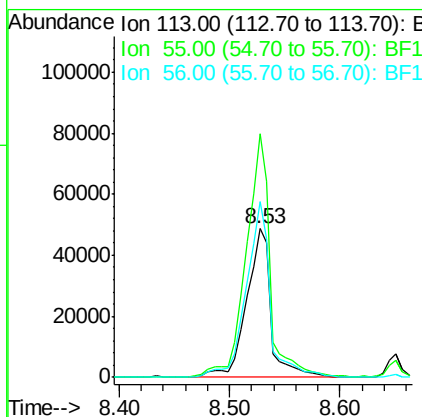
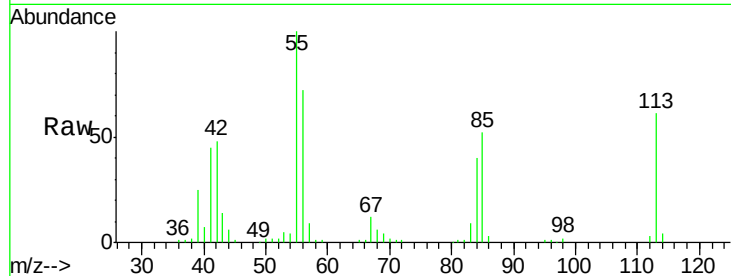
#35
 Caprolactam
 Concen: 32.856 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampled :
 PB108340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	163.9	163.3	203.3		
56	118.3	115.7	155.7		

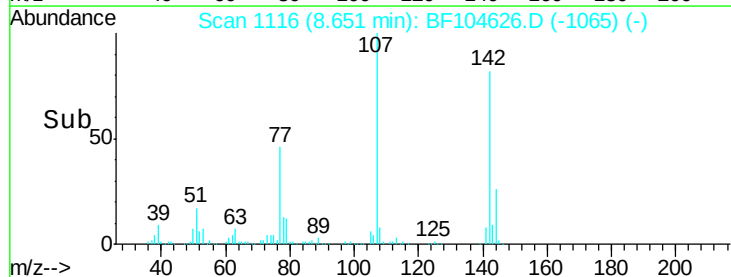
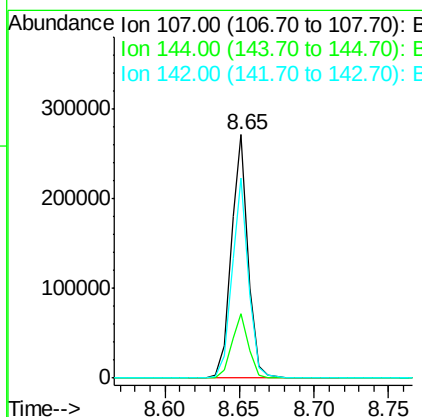
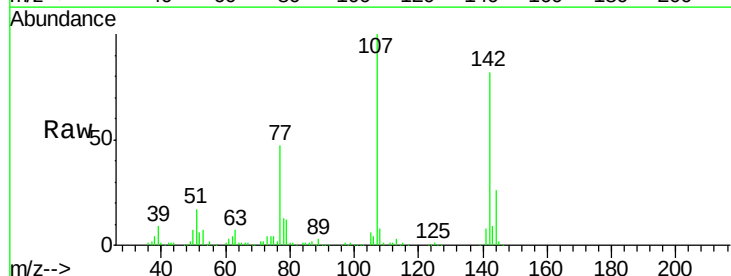
Manual Integrations
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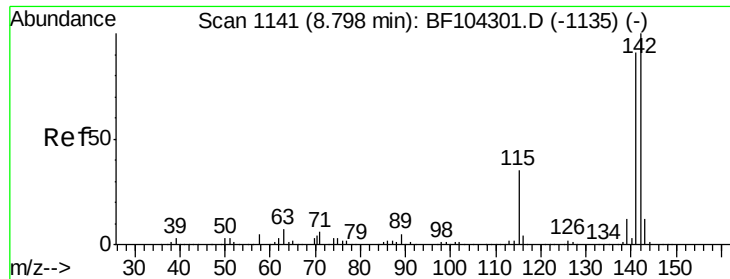
Sohil
 4/20/2018 3:05:04 PM



#36
 4-Chloro-3-methylphenol
 Concen: 30.539 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2	20.5	30.7		
142	82.0	62.0	93.0		





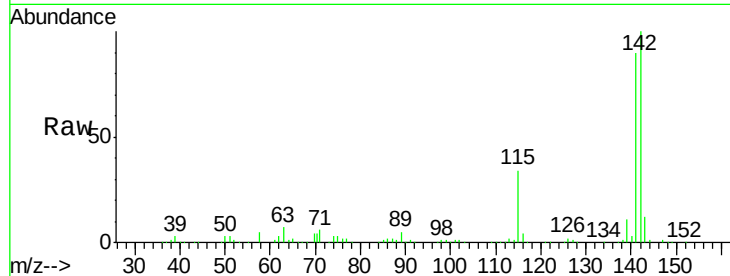
#37
2-Methylnaphthalene
Concen: 36.445 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

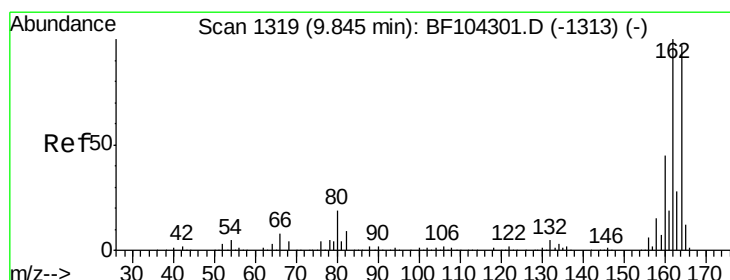
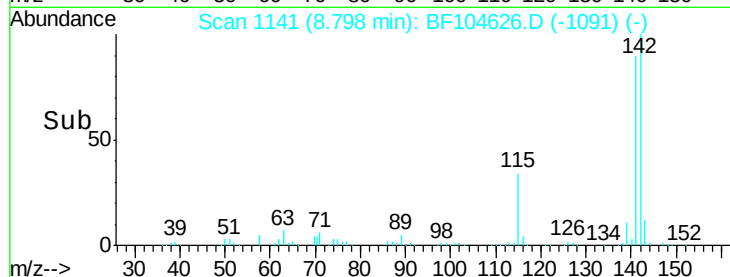
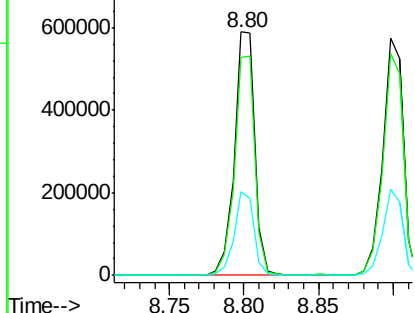
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.5	26.1	39.1

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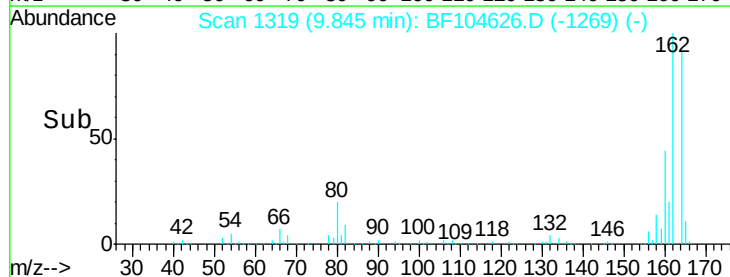
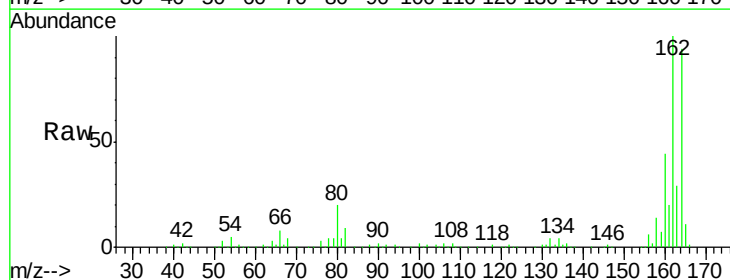
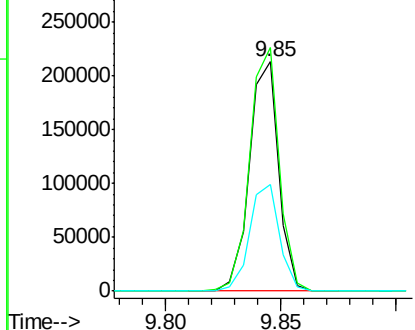
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

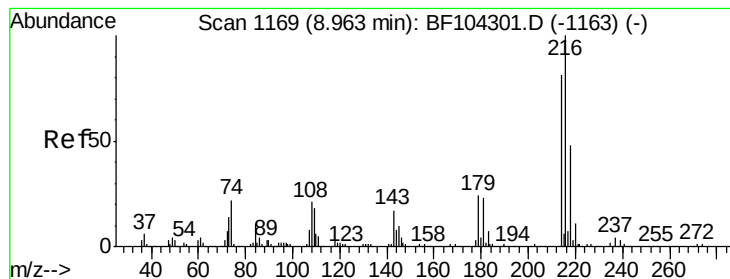


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	46.6	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.904 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

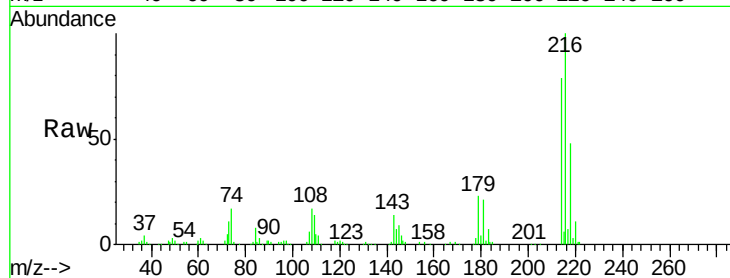
ClientSampleId :

PB108340BS

Tot Ion:	216	Resp:	242972
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	22.4	18.1	27.1
108	22.3	17.2	25.8

Manual Integrations
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4/20/2018 3:05:04 PM

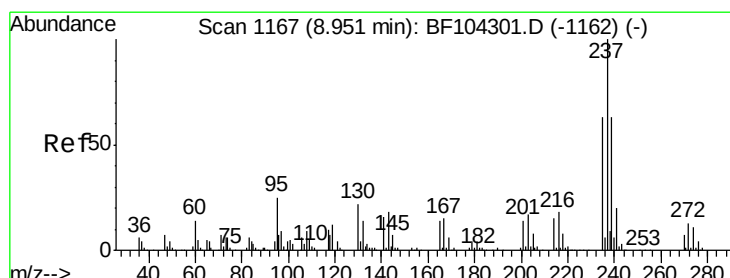
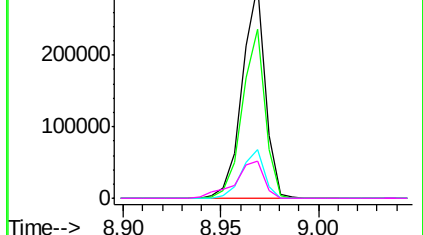
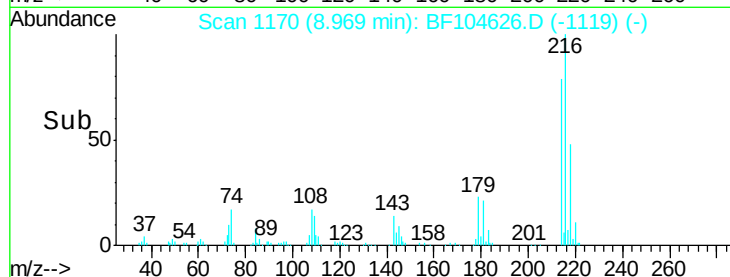


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.032 ng

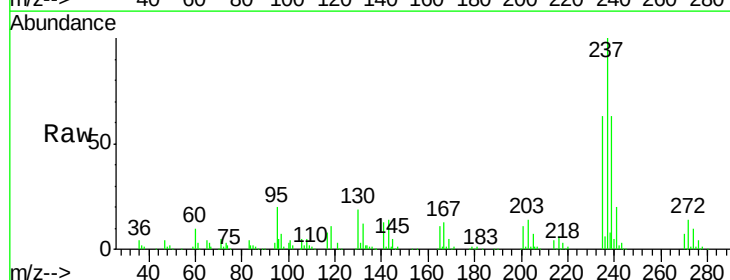
RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

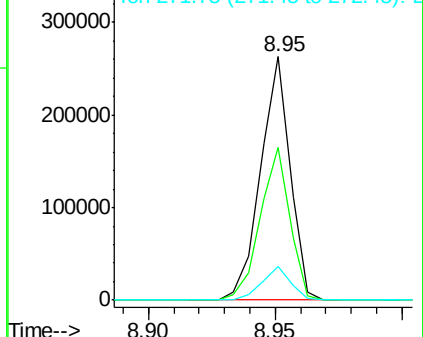
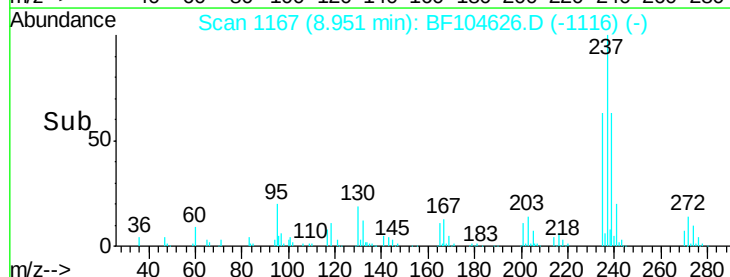
Tgt Ion:	237	Resp:	215173
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.8	84.8
272	13.9	0.0	33.3

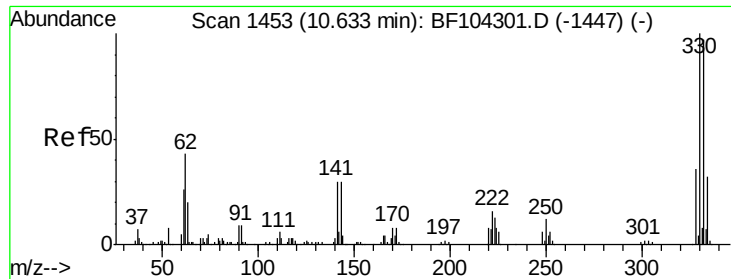


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





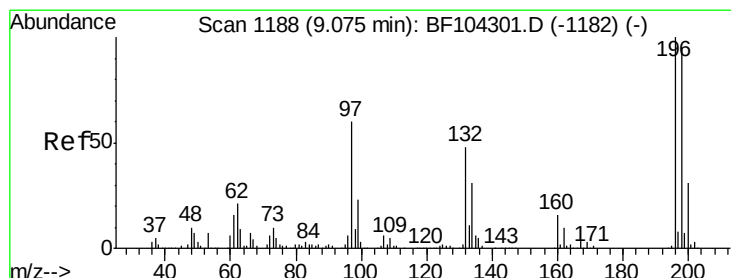
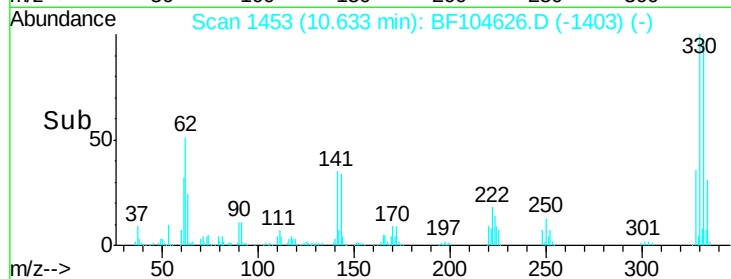
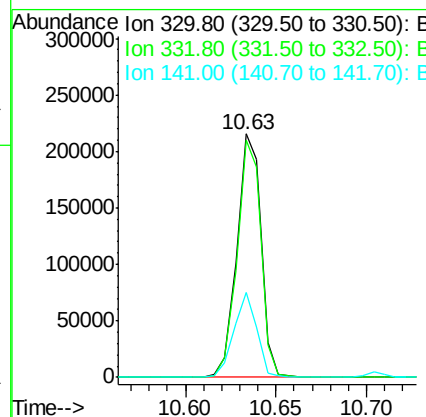
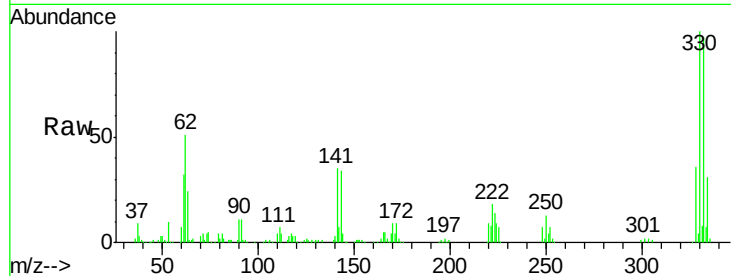
#41
 2,4,6-Tribromophenol
 Concen: 101.865 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	199736		
332	96.6	77.0	115.6	
141	33.1	29.9	44.9	

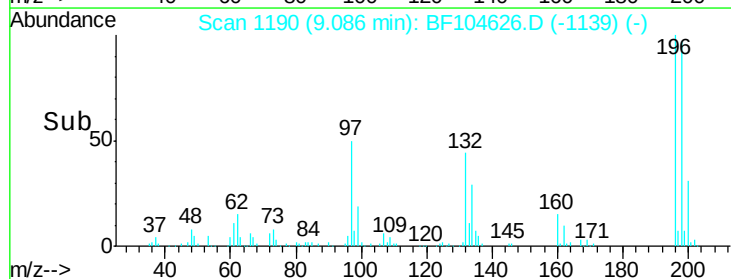
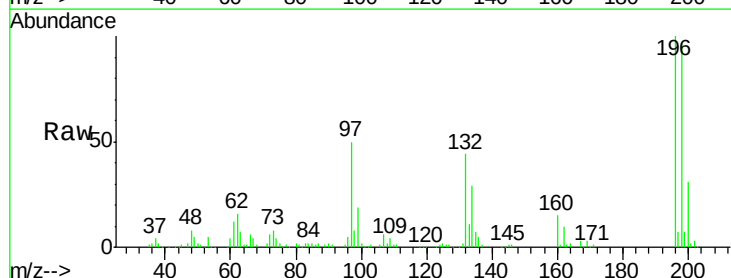
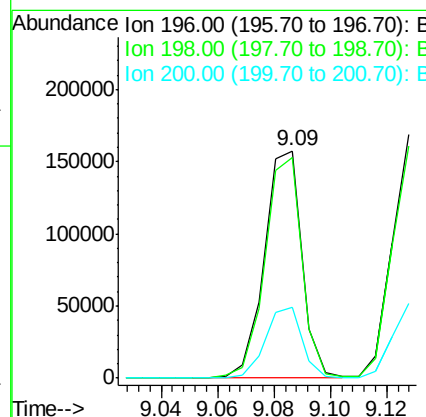
Manual Integrations
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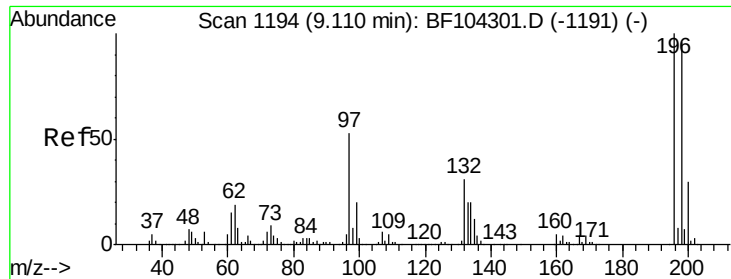
Sohil
 4/20/2018 3:05:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.614 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145042		
198	97.3	75.7	113.5	
200	31.4	24.5	36.7	





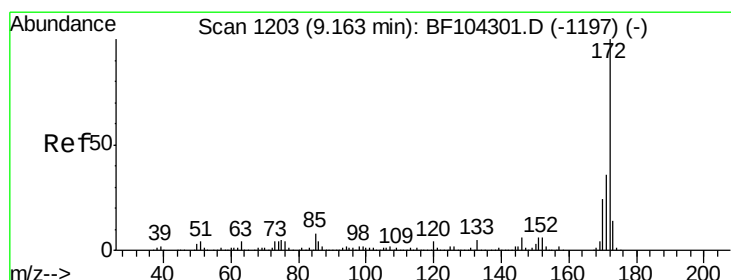
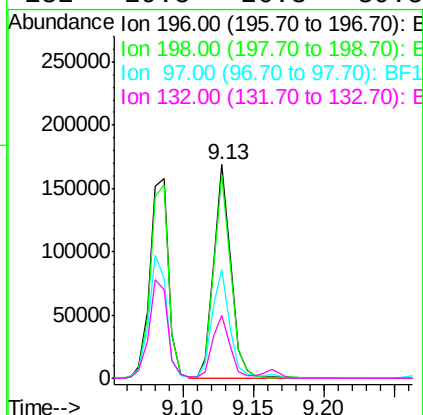
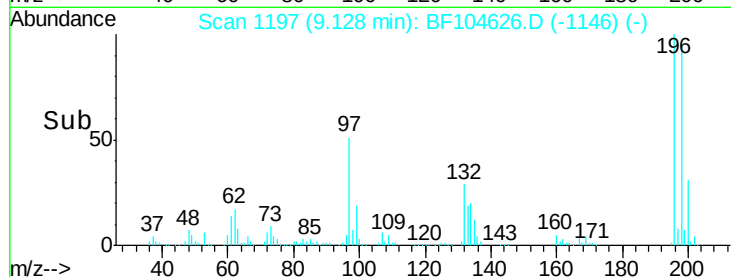
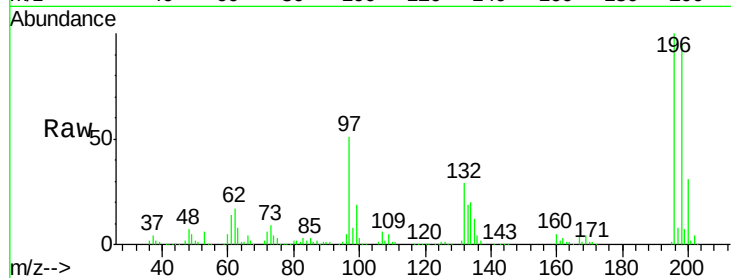
#43
 2,4,5-Trichlorophenol
 Concen: 34.169 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		143621		
198	95.3	74.6	112.0		
97	50.8	42.9	64.3		
132	29.5	26.3	39.5		

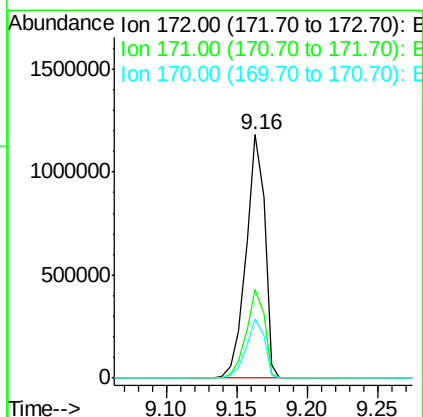
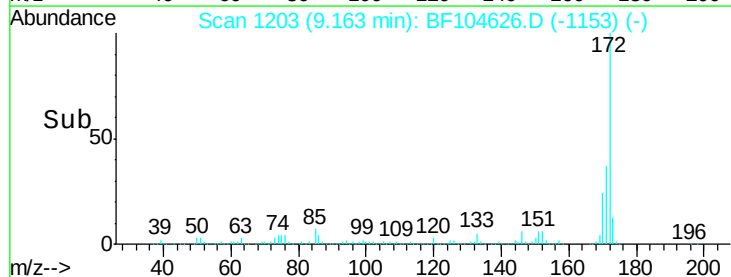
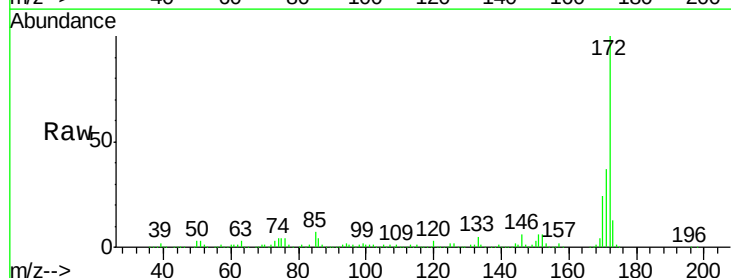
Manual Integrations
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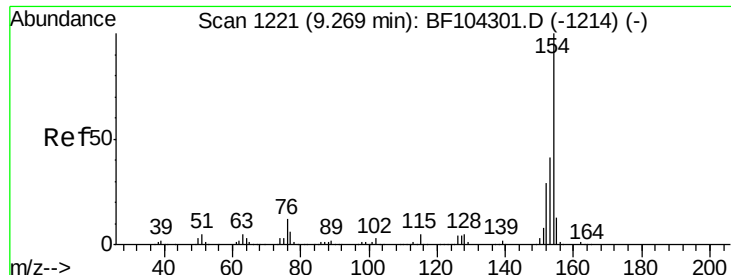
Sohil
 4/20/2018 3:05:04 PM



#44
 2-Fluorobiphenyl
 Concen: 91.027 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1089169		
171	36.7	29.7	44.5		
170	24.3	19.6	29.4		





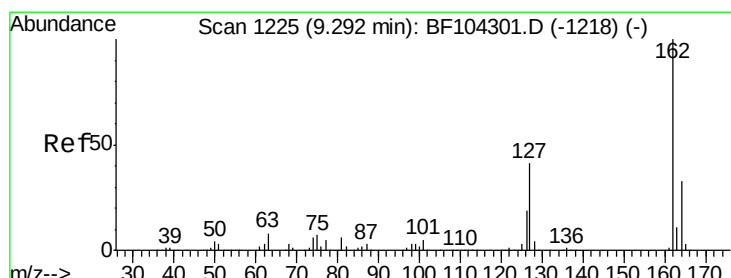
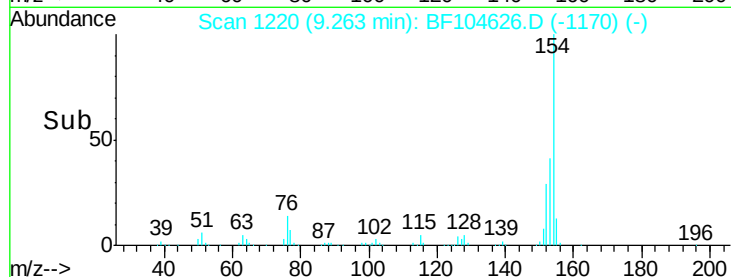
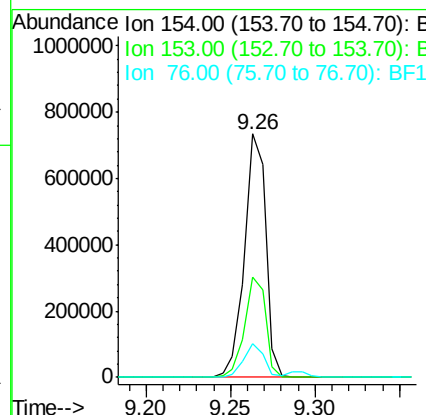
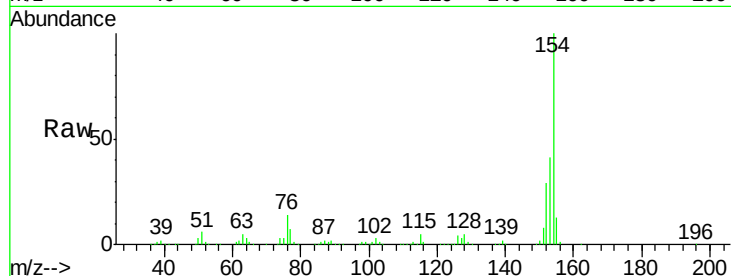
#45
 1,1'-Biphenyl
 Concen: 40.507 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	14.0	0.0	34.0

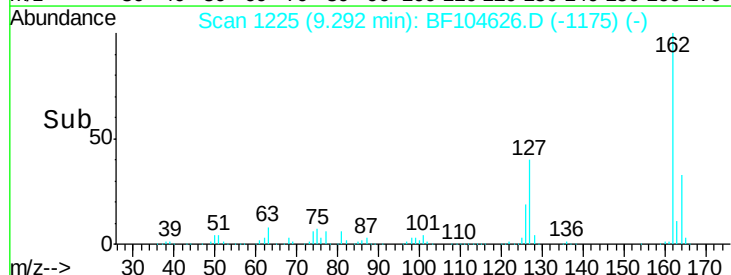
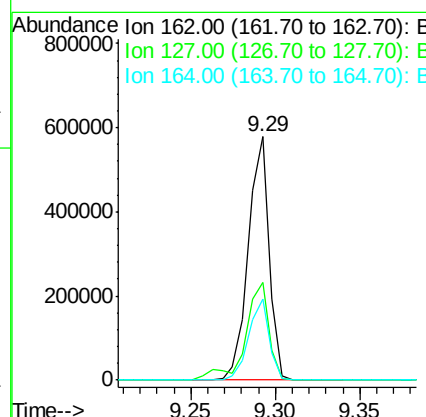
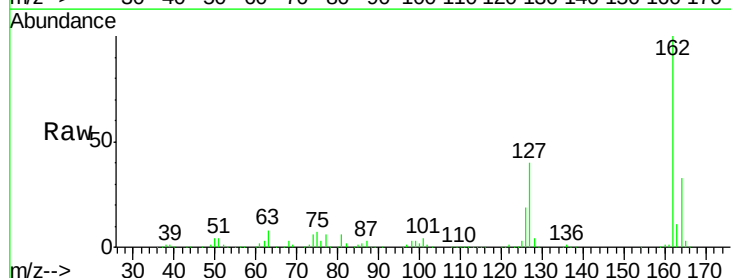
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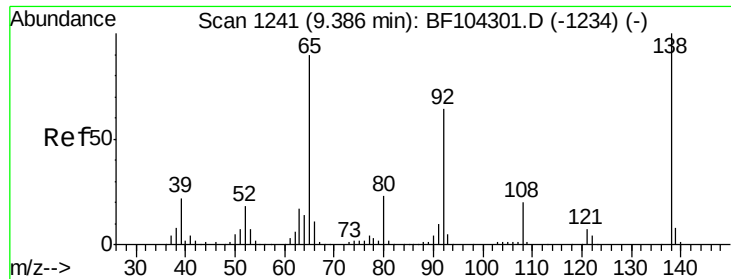
Sohil
 4/20/2018 3:05:04 PM



#46
 2-Chloronaphthalene
 Concen: 39.971 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.4	26.5	39.7





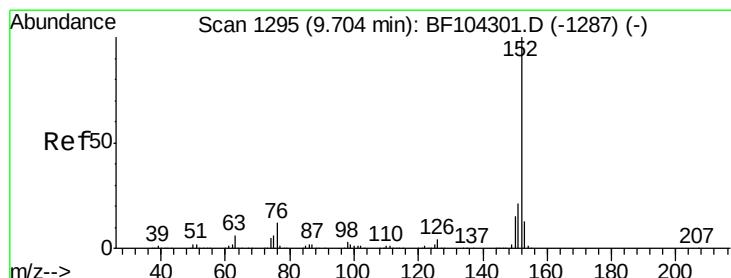
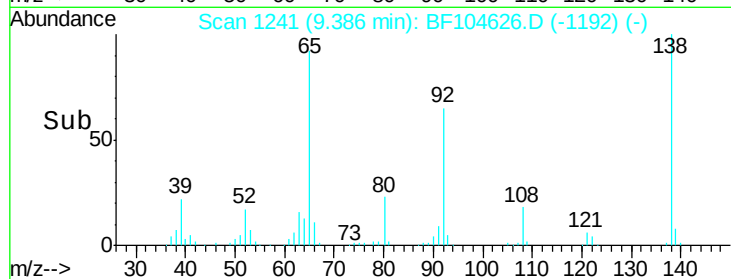
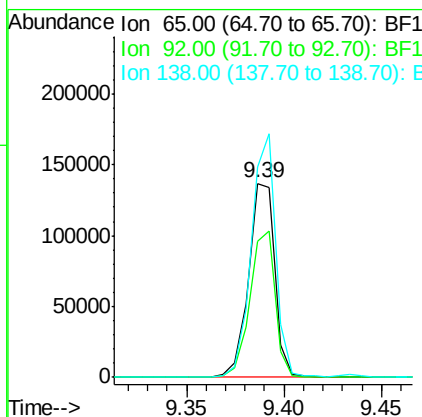
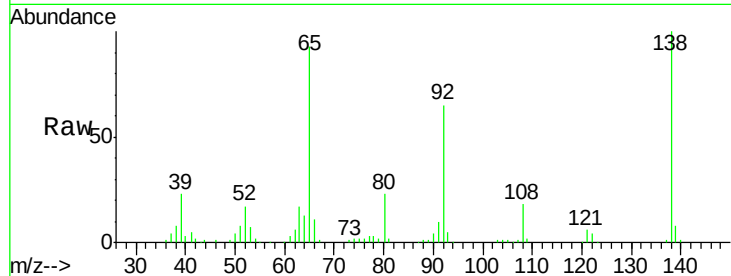
#47
2-Nitroaniline
Concen: 41.074 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.8	83.6
138	107.9	91.2	136.8

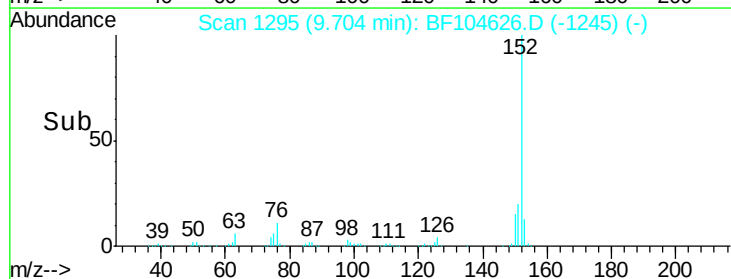
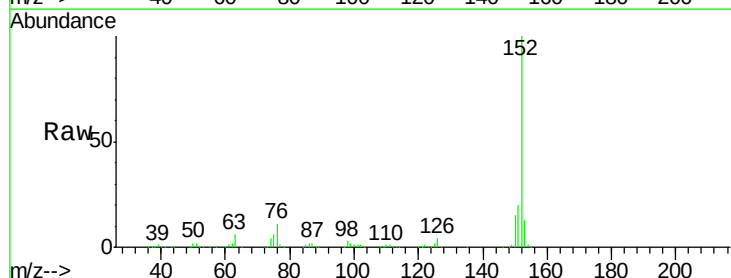
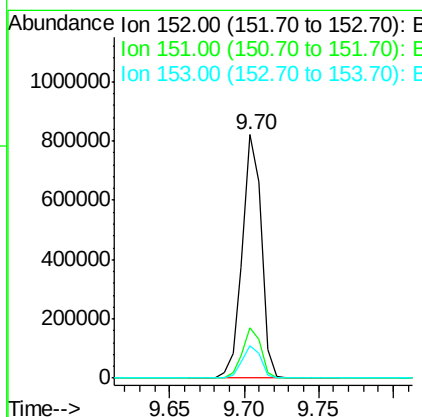
Manual Integrations
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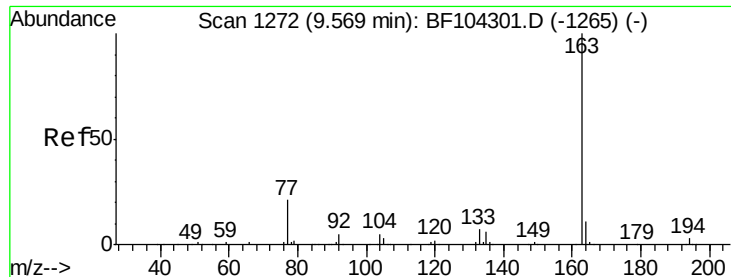
Sohil
4/20/2018 3:05:04 PM



#48
Acenaphthylene
Concen: 36.975 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1





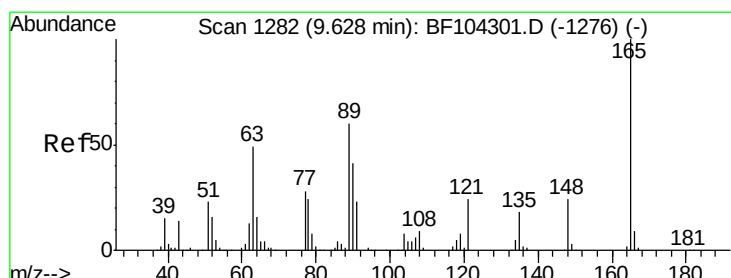
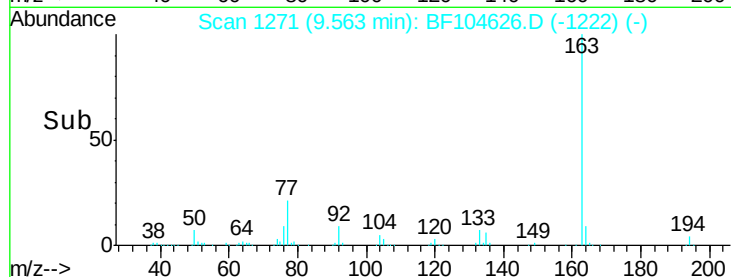
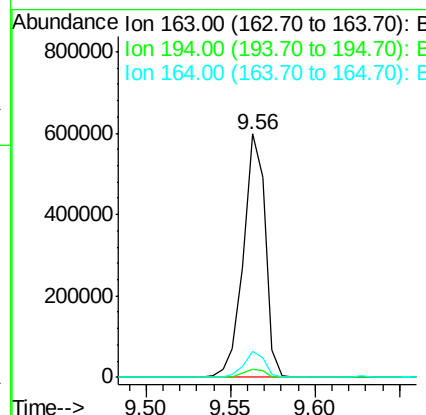
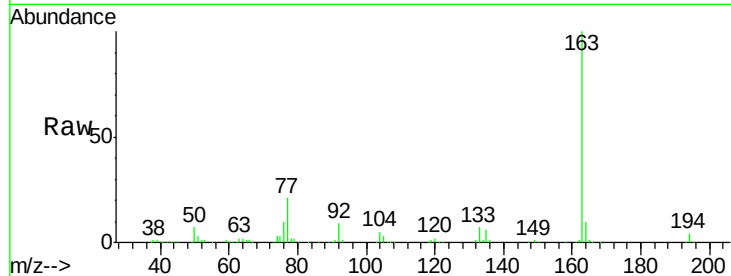
#49
Dimethylphthalate
Concen: 36.186 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.5		2.7	4.1	
164	10.5		8.2	12.2	

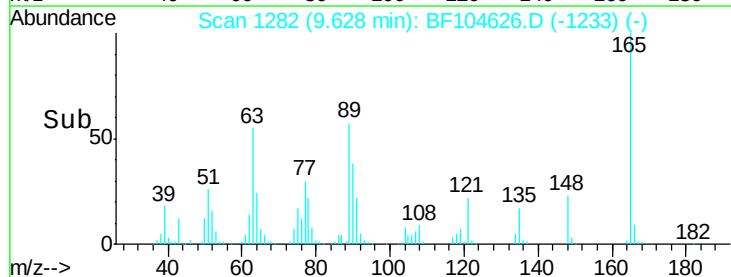
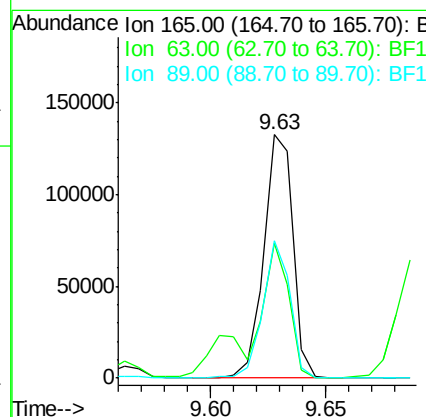
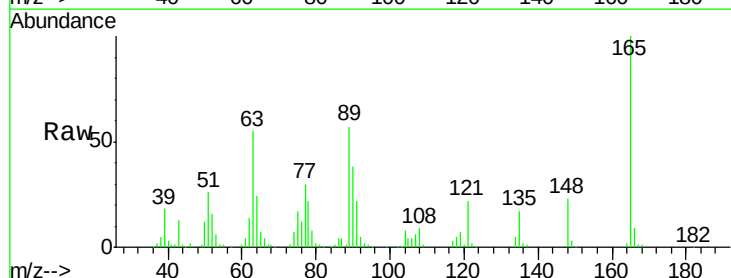
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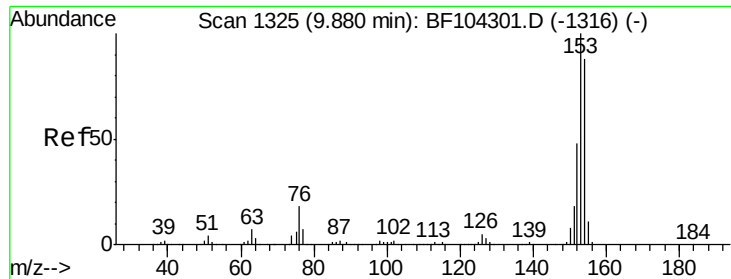
Sohil
4/20/2018 3:05:04 PM



#50
2,6-Dinitrotoluene
Concen: 42.464 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	55.3		44.7	67.1	
89	56.6		44.0	66.0	





#51

Acenaphthene

Concen: 35.824 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

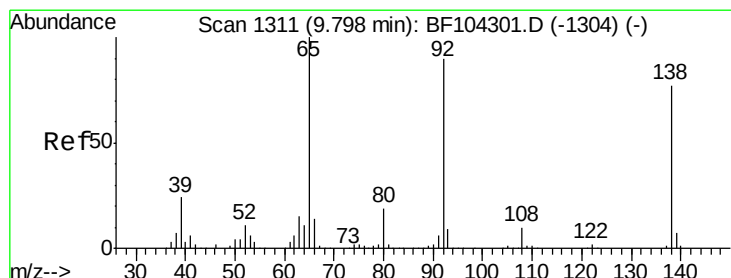
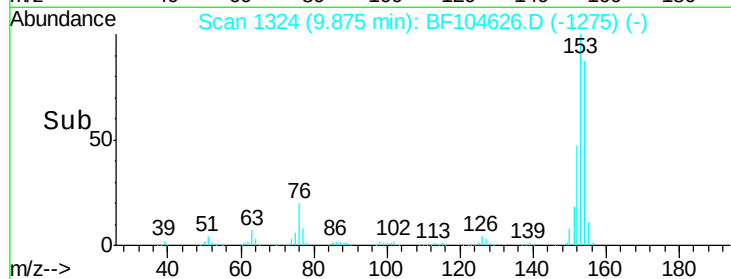
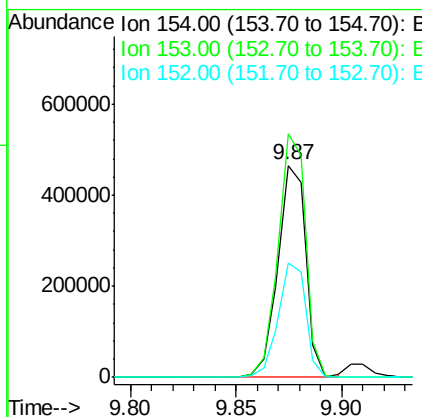
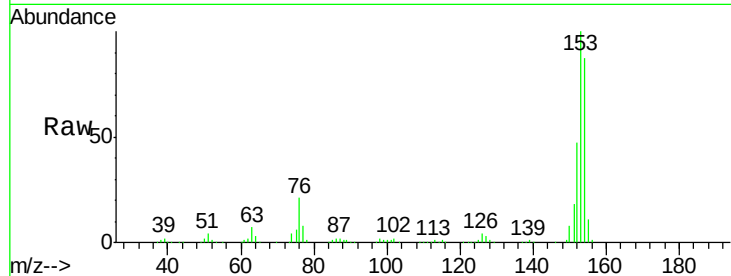
ClientSampleId :

PB108340BS

Tot Ion:	154	Resp:	430135
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.2	136.8
152	53.7	43.8	65.8

Manual Integrations
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Sohil
4/20/2018 3:05:04 PM



#52

3-Nitroaniline

Concen: 15.169 ng

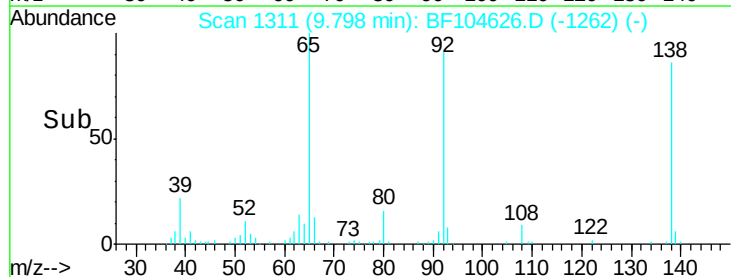
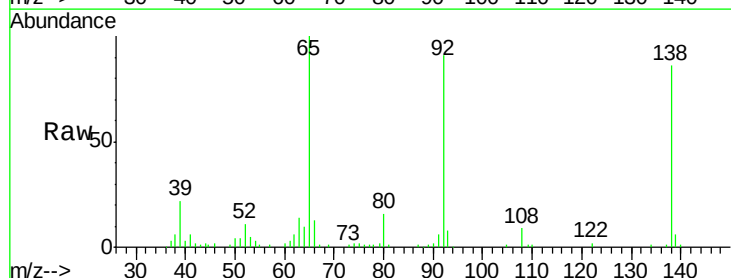
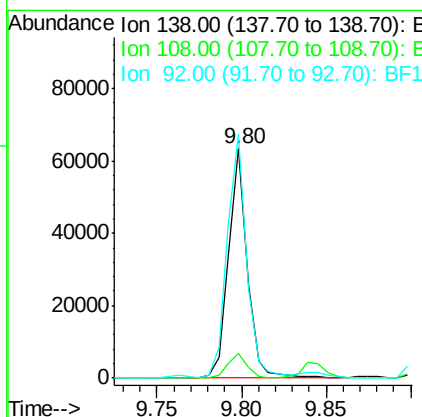
RT: 9.80 min Scan# 1311

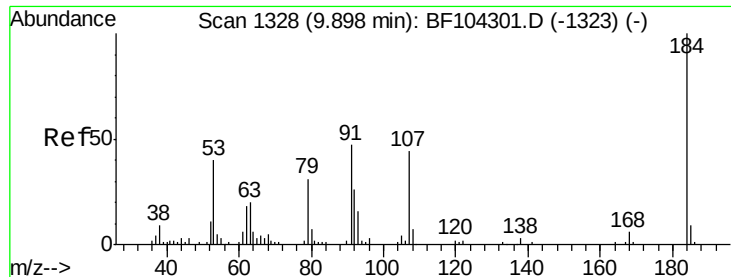
Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Tgt Ion:	138	Resp:	48980
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	106.3	89.4	134.2





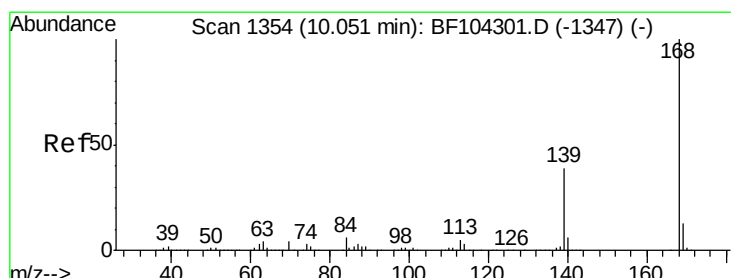
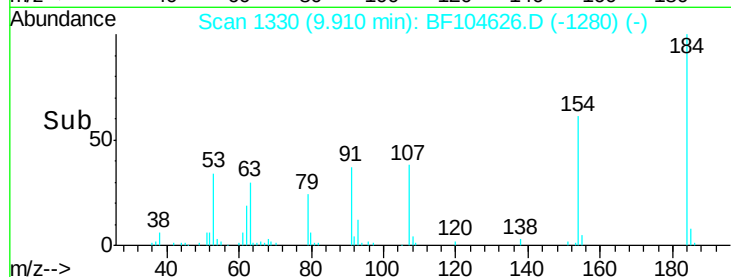
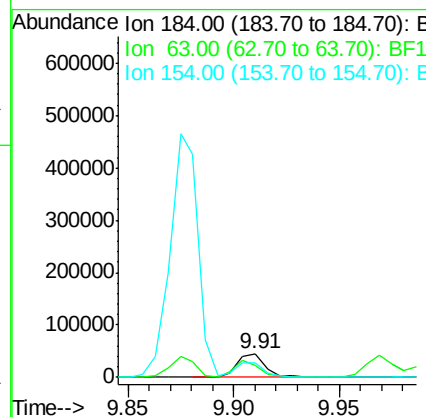
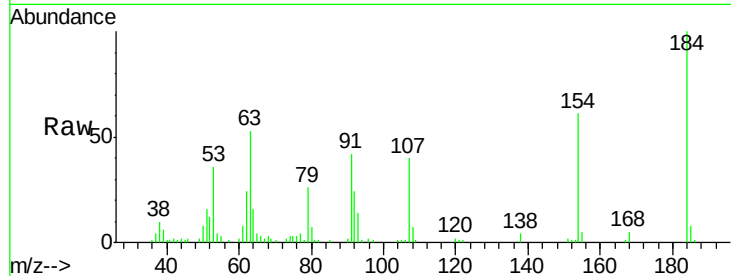
#53
 2,4-Dinitrophenol
 Concen: 47.407 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.7	54.2	81.2#
154	61.3	184.0	276.0#

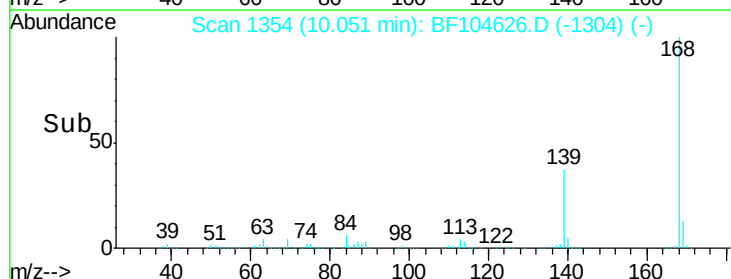
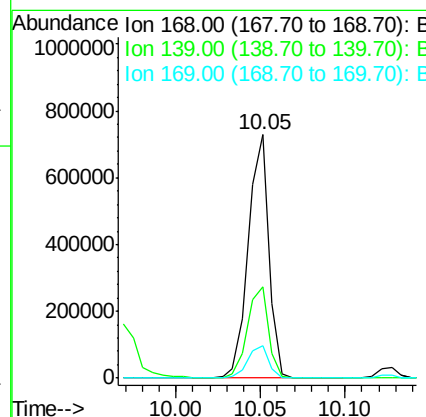
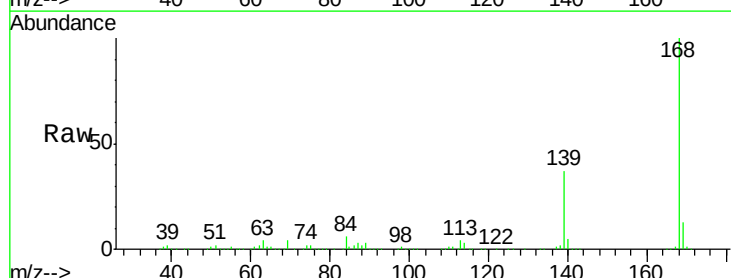
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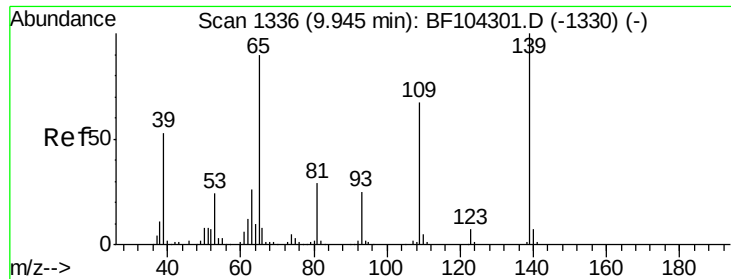
Sohil
 4/20/2018 3:05:04 PM



#54
 Dibenzofuran
 Concen: 37.119 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.2	10.9	16.3





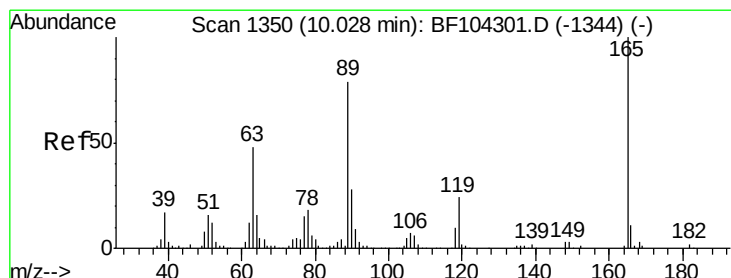
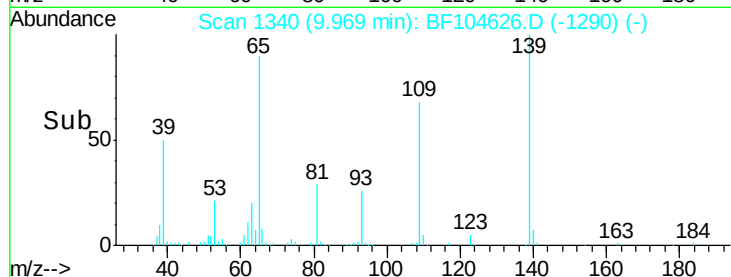
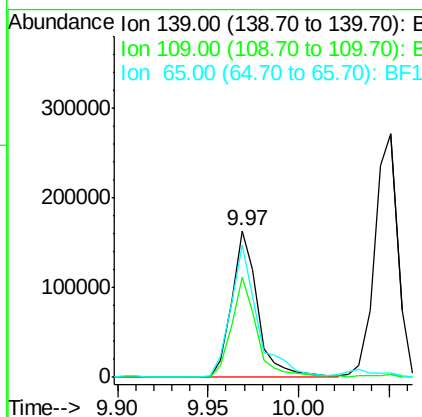
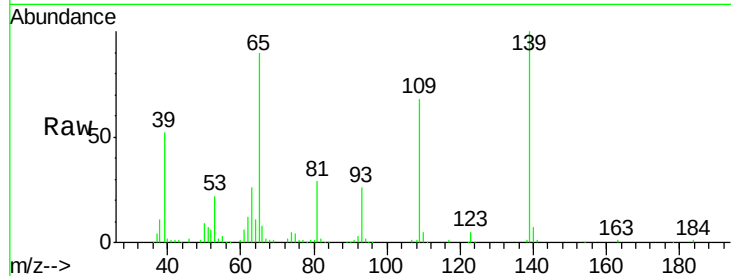
#55
4-Nitrophenol
Concen: 64.777 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	164307		
109	68.4	48.4	88.4	
65	90.1	72.6	112.6	

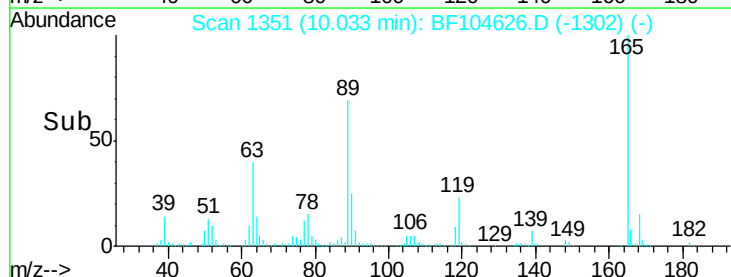
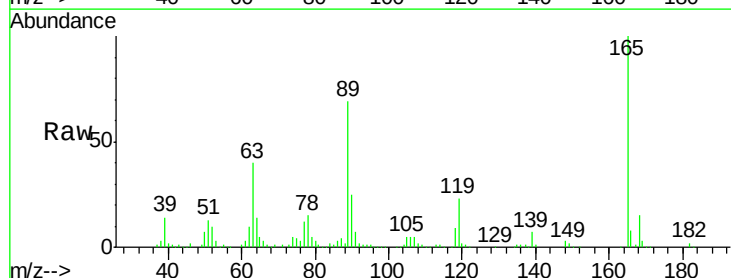
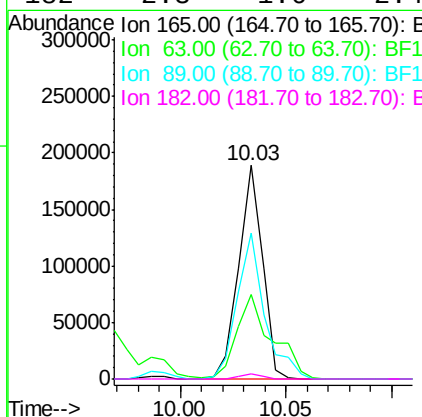
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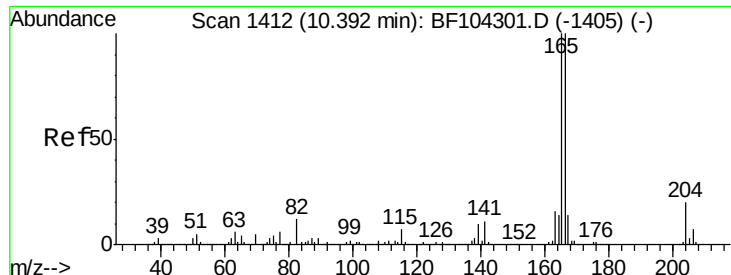
Sohil
4/20/2018 3:05:04 PM



#56
2,4-Dinitrotoluene
Concen: 40.584 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146829		
63	39.7	36.4	54.6	
89	68.5	57.8	86.6	
182	2.3	1.6	2.4	





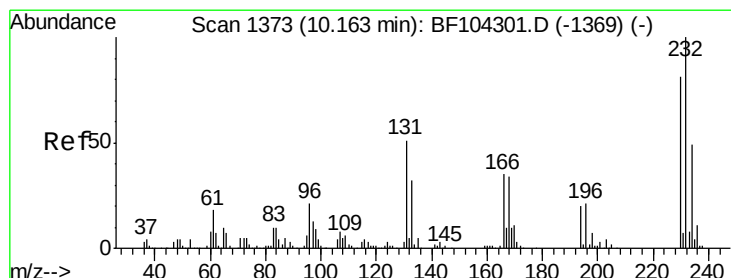
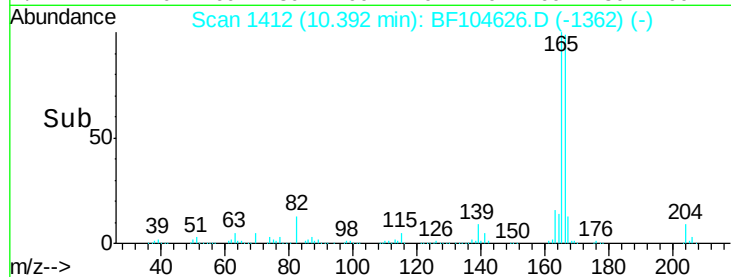
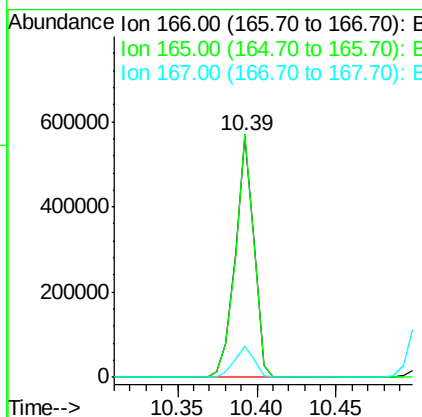
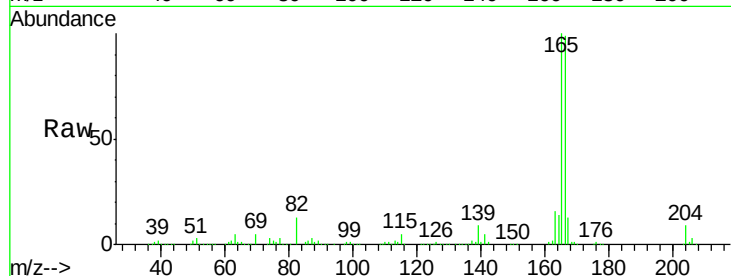
#57
 Fluorene
 Concen: 38.011 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.8	79.8	119.8	
167	13.1	10.6	16.0	

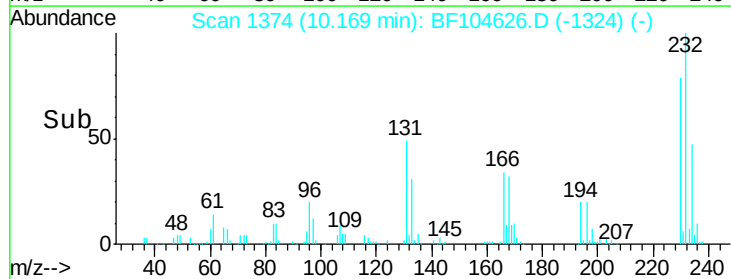
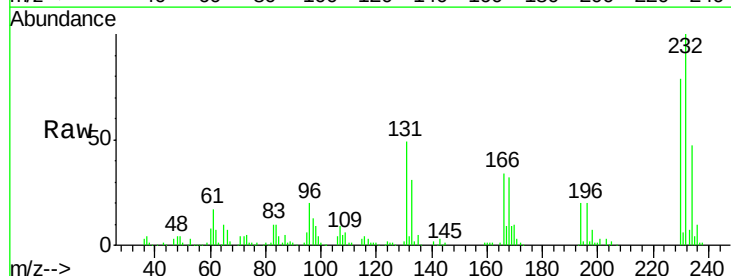
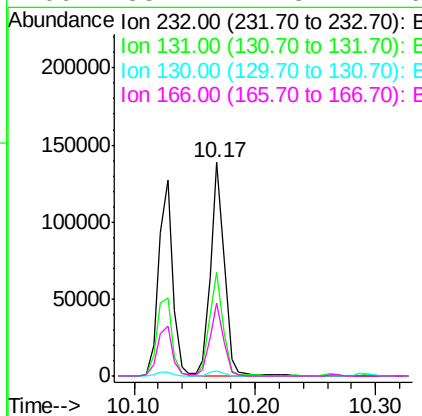
Manual Integrations
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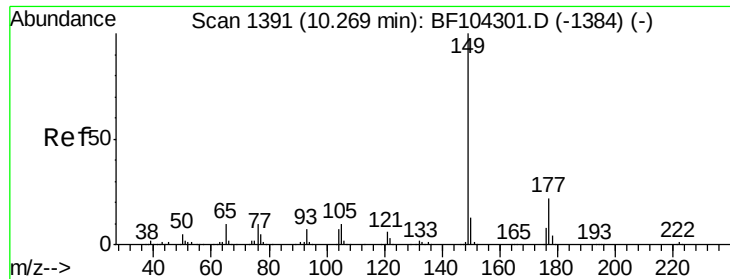
Sohil
 4/20/2018 3:05:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.910 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.4	43.8	65.8	
130	2.3	2.1	3.1	
166	33.2	27.8	41.6	





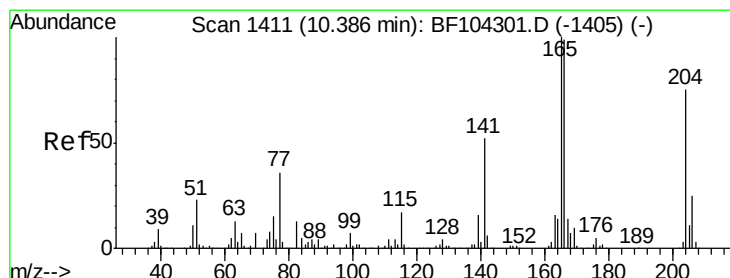
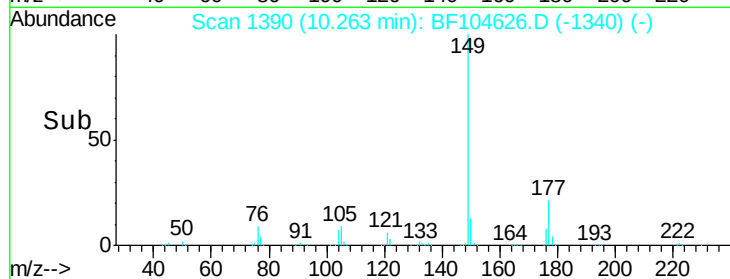
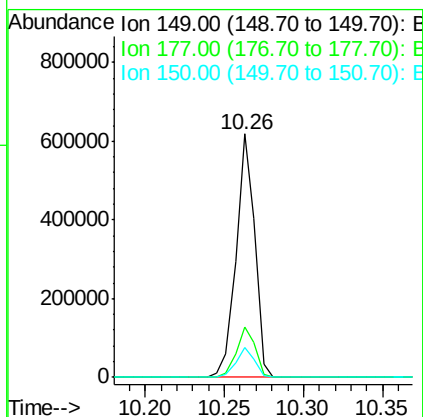
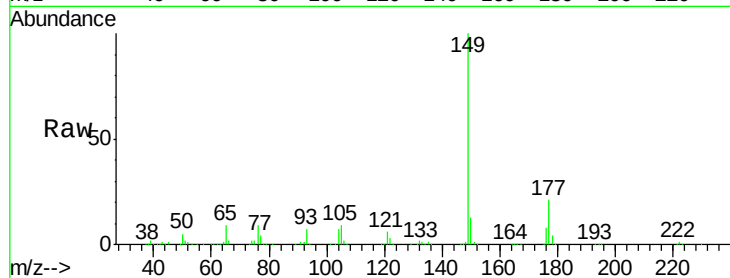
#59
Diethylphthalate
Concen: 33.845 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampled :
PB108340BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.5	10.1	15.1

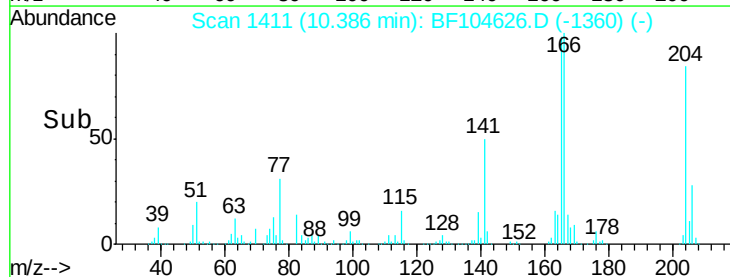
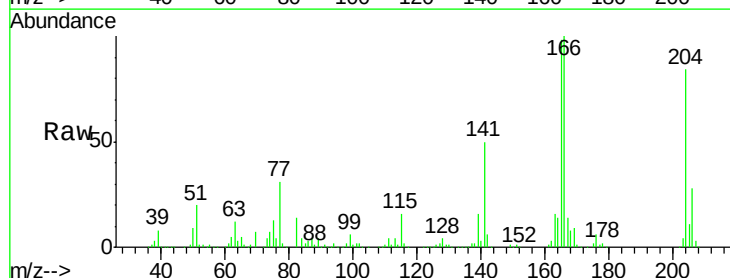
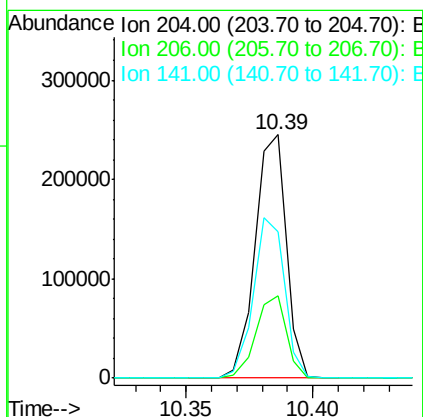
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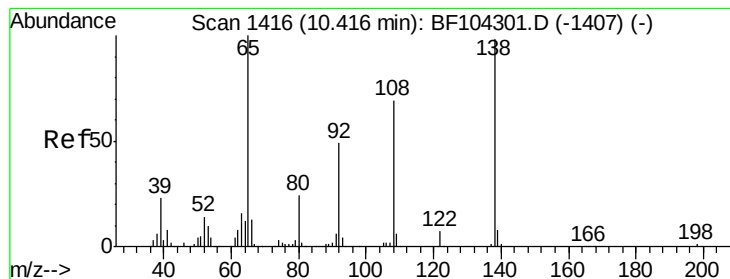
Sohil
4/20/2018 3:05:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.086 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	60.3	54.6	81.8





#61

4-Nitroaniline

Concen: 28.676 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

ClientSampleId :

PB108340BS

Tot Ion:138 Resp: 90538

Ion Ratio Lower Upper

138 100

92 48.9 30.2 70.2

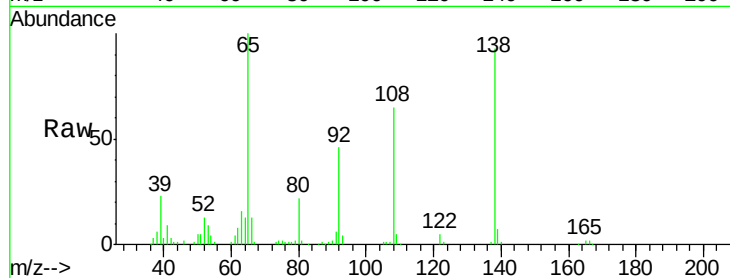
108 69.4 52.5 92.5

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Sohil

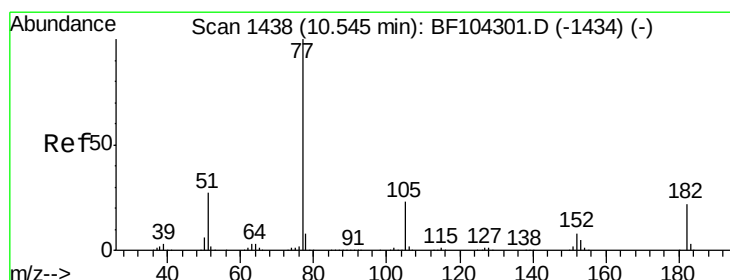
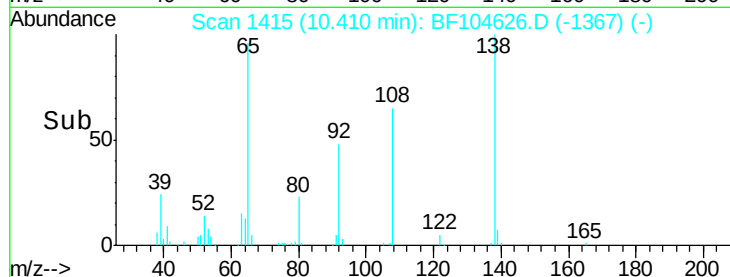
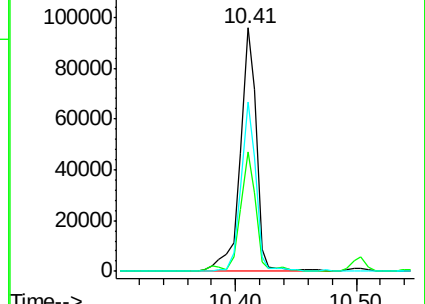
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.564 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Tgt Ion: 77 Resp: 476039

Ion Ratio Lower Upper

77 100

182 24.7 1.7 41.7

105 23.7 3.0 43.0

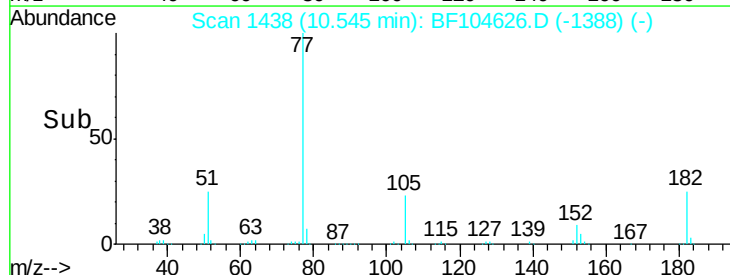
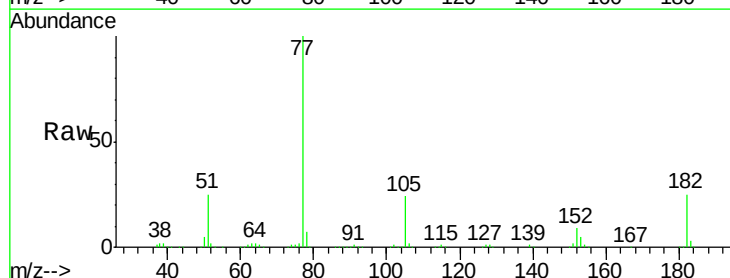
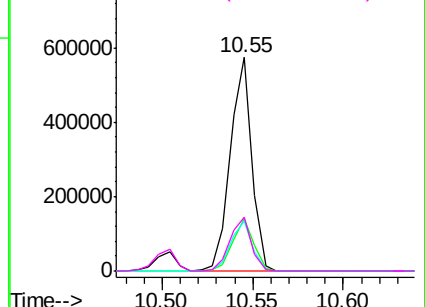
51 24.9 9.9 49.9

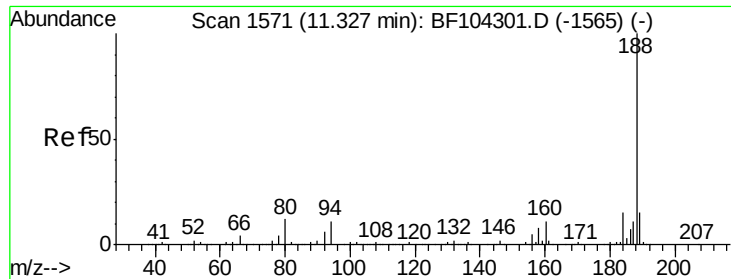
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





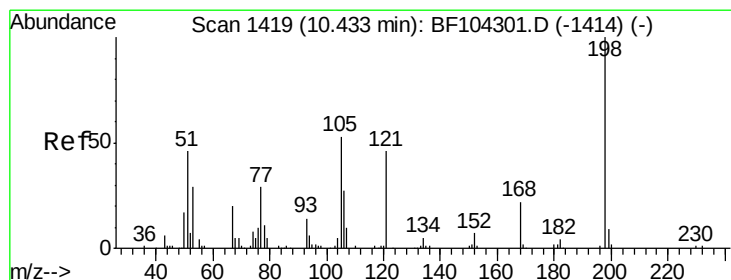
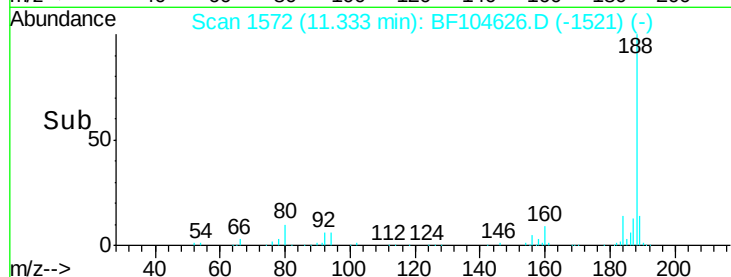
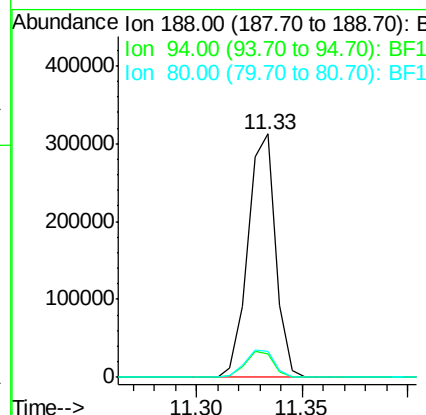
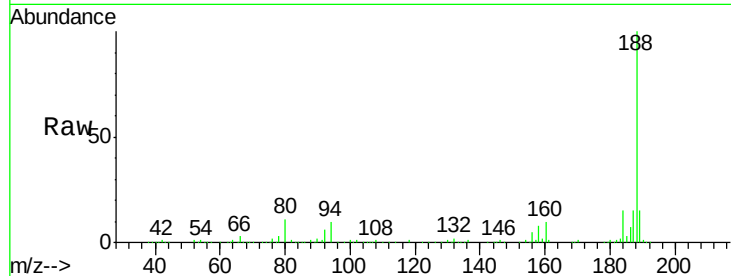
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.8	9.2	13.8

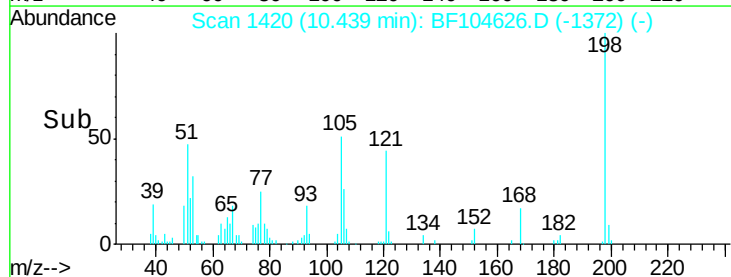
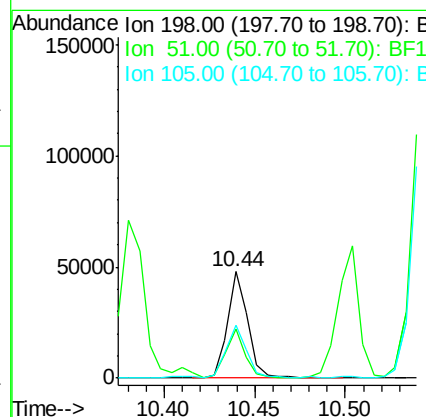
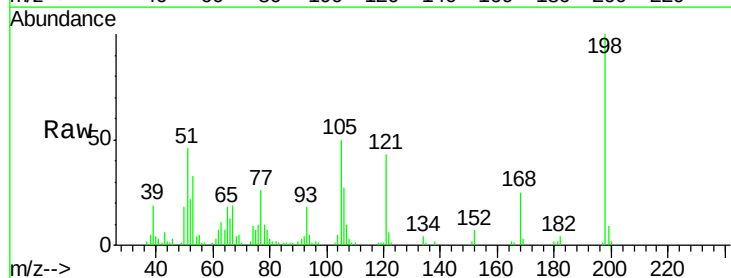
Manual Integrations
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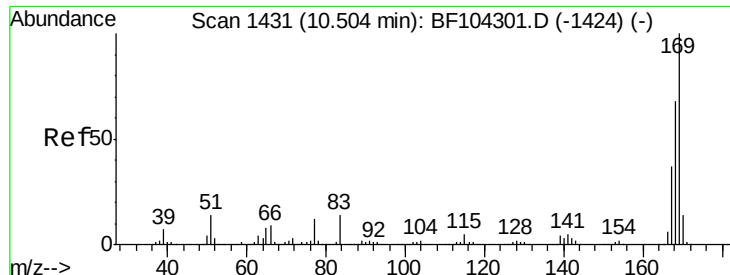
Sohil
4/20/2018 3:05:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.240 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.8	37.7	77.7
105	50.2	36.3	76.3





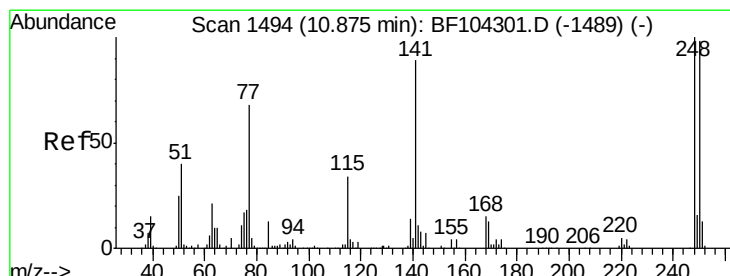
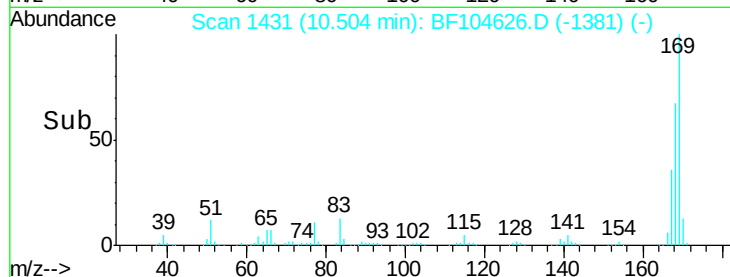
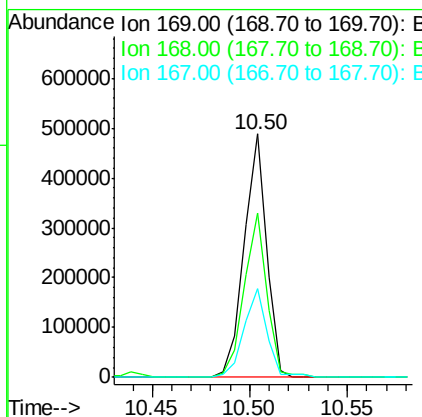
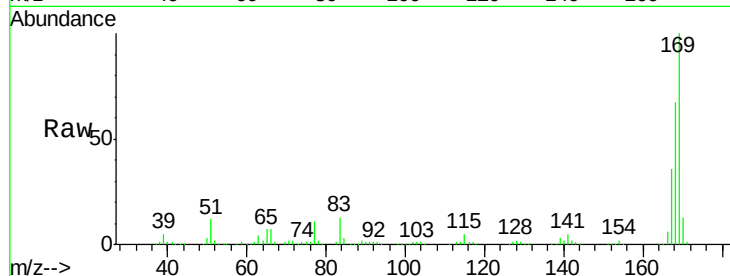
#65
 n-Nitrosodiphenylamine
 Concen: 39.830 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	391038		
168	67.5	54.4	81.6	
167	36.3	29.8	44.6	

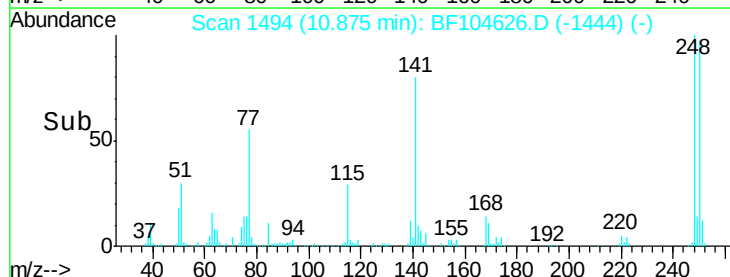
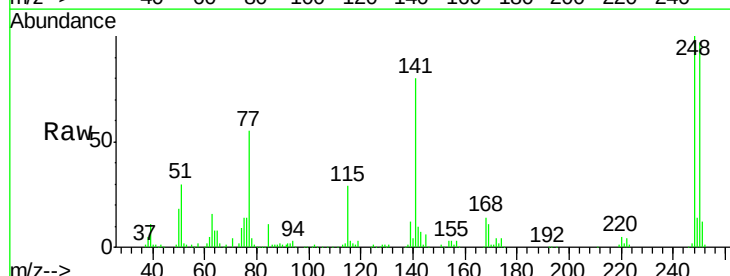
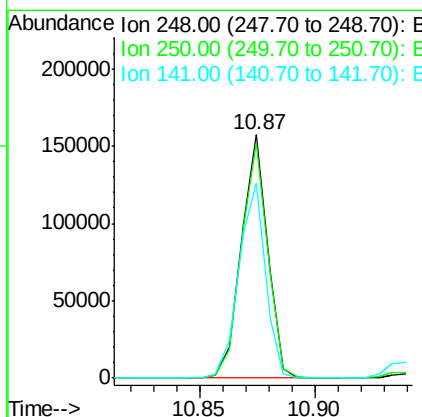
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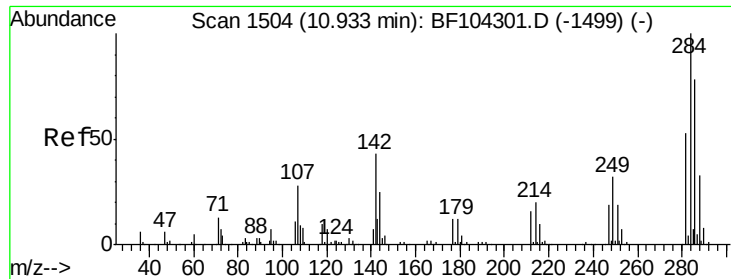
Sohil
 4/20/2018 3:05:04 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.557 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	125165		
250	96.6	76.9	115.3	
141	80.1	74.4	111.6	





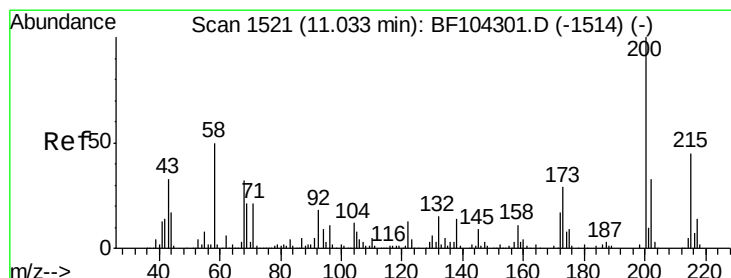
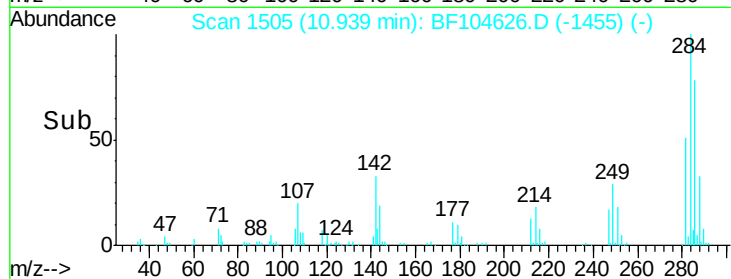
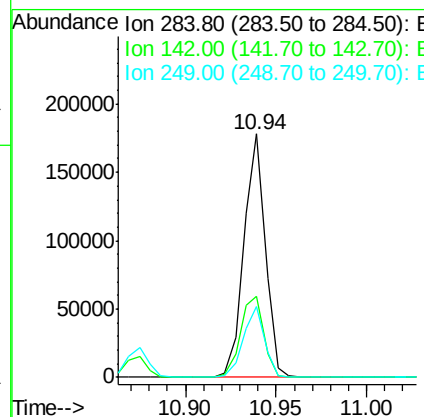
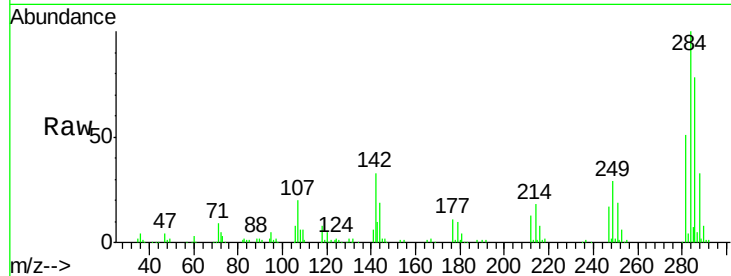
#67
Hexachlorobenzene
Concen: 42.875 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	145304		
142	33.4	34.6	52.0	
249	29.2	24.8	37.2	

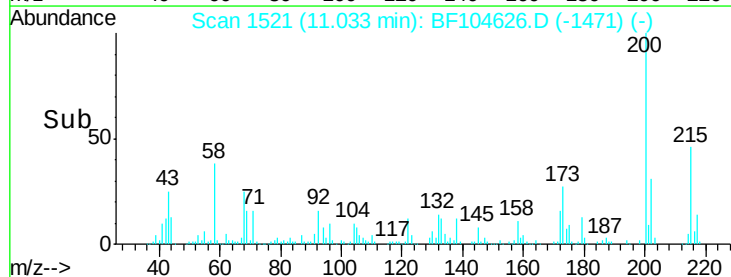
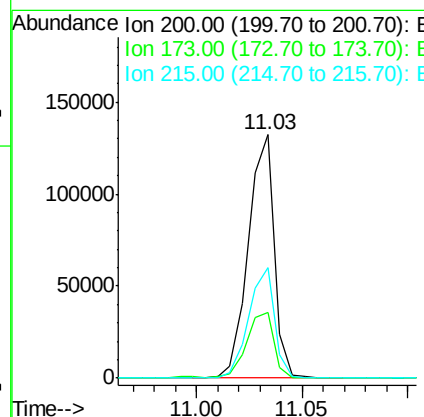
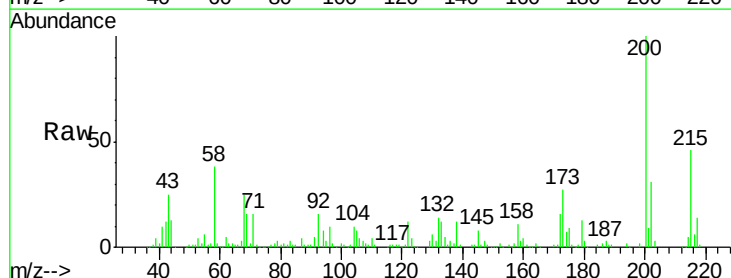
Manual Integrations
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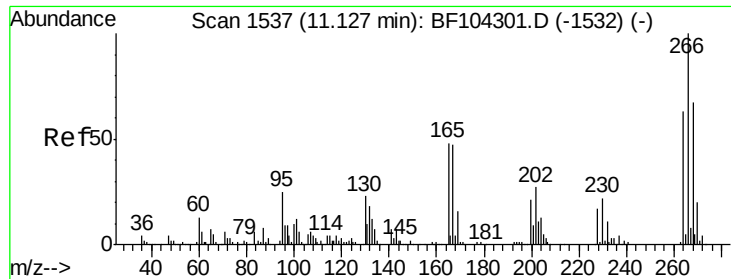
Sohil
4/20/2018 3:05:04 PM



#68
Atrazine
Concen: 37.897 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	112307		
173	26.7	8.6	48.6	
215	45.6	25.1	65.1	





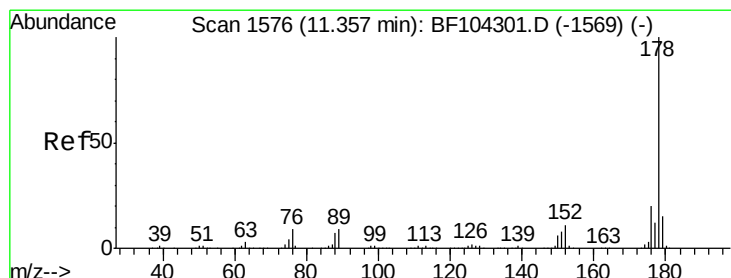
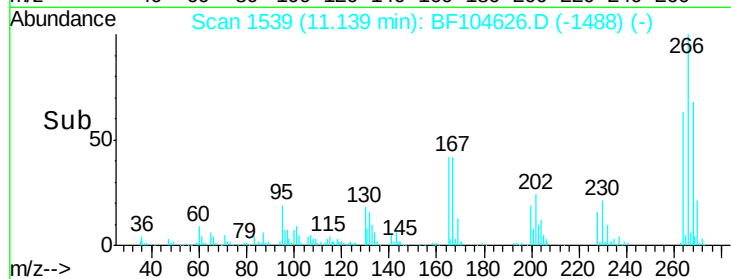
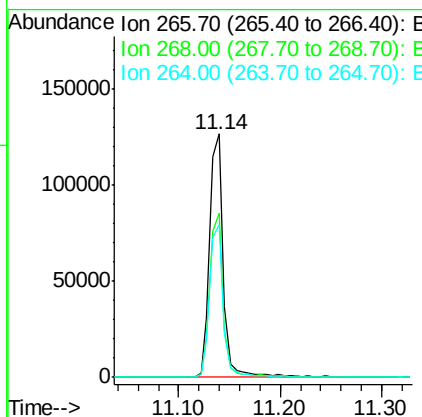
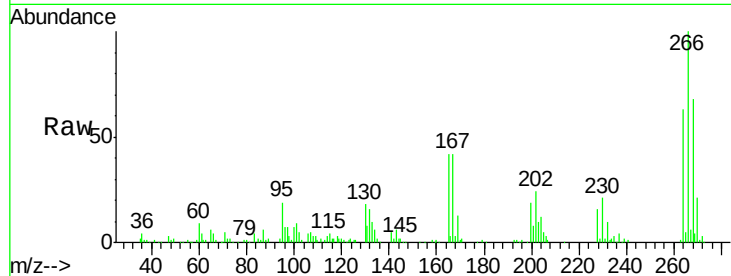
#69
 Pentachlorophenol
 Concen: 57.168 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.1	76.7
264	62.9	49.5	74.3

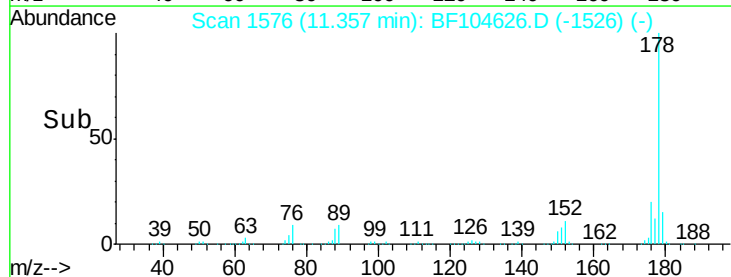
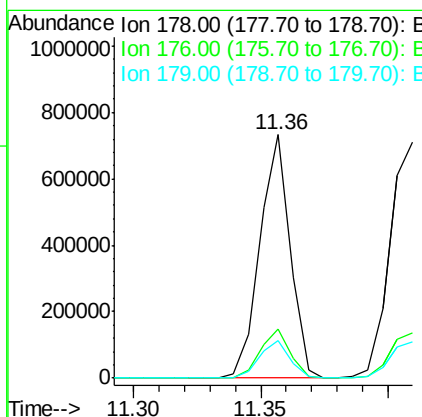
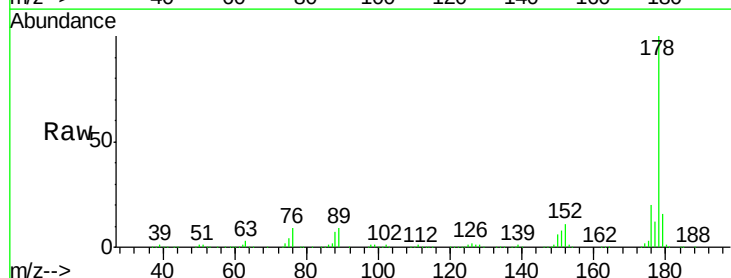
Manual Integrations
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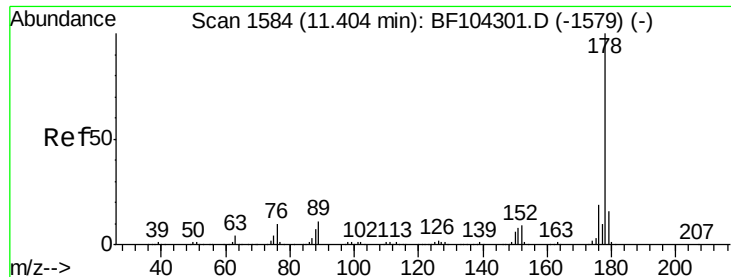
Sohil
 4/20/2018 3:05:04 PM



#70
 Phenanthrene
 Concen: 38.520 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.5	13.0	19.6





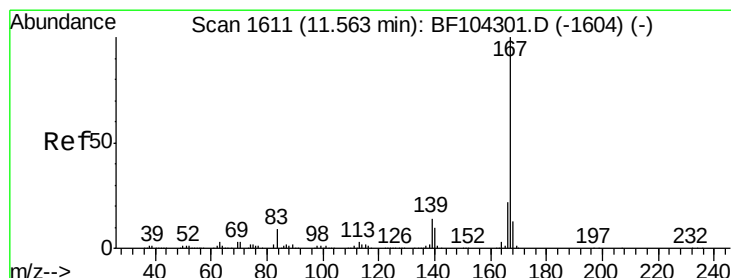
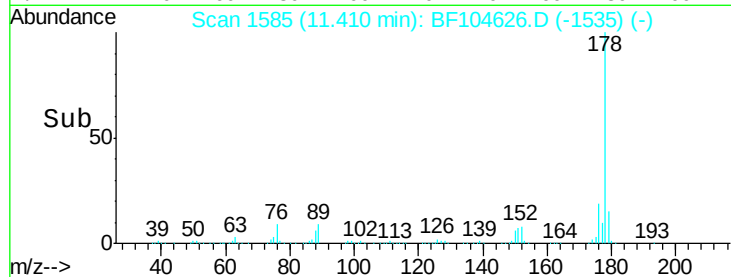
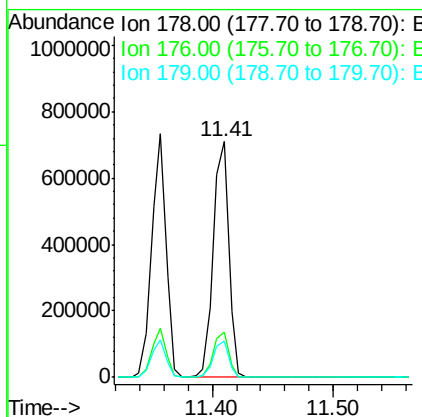
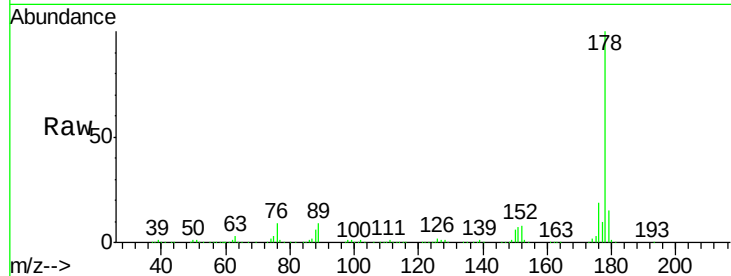
#71
 Anthracene
 Concen: 39.210 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	19.0

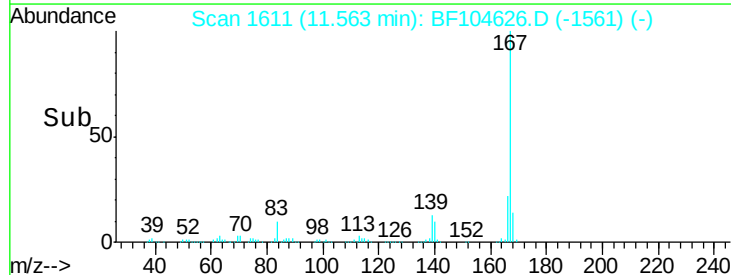
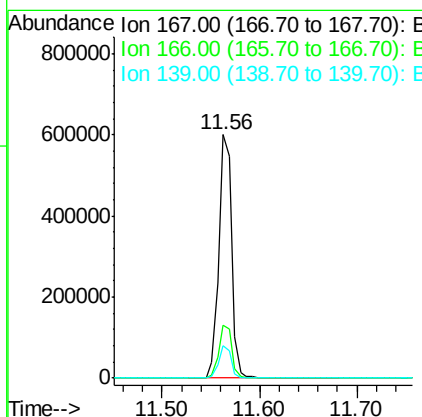
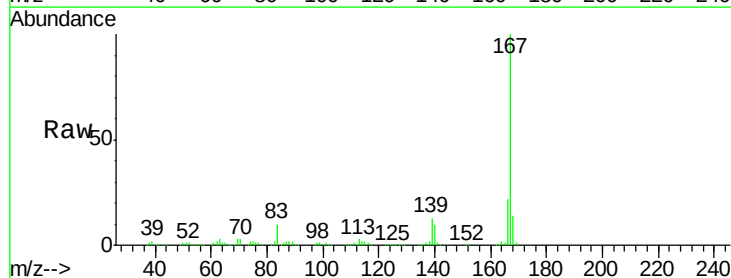
Manual Integrations
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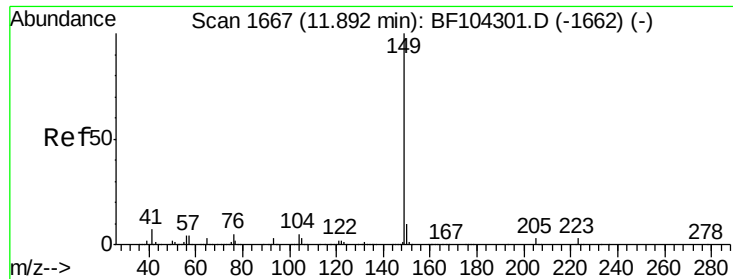
Sohil
 4/20/2018 3:05:04 PM



#72
 Carbazole
 Concen: 35.247 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.445 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

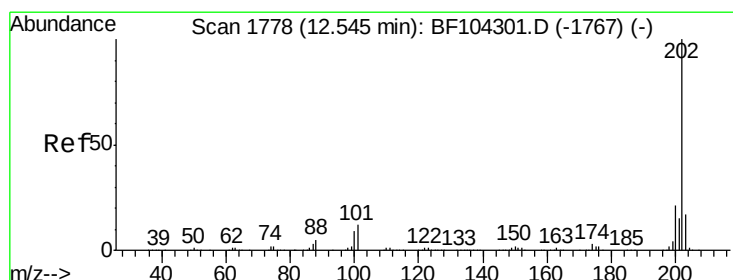
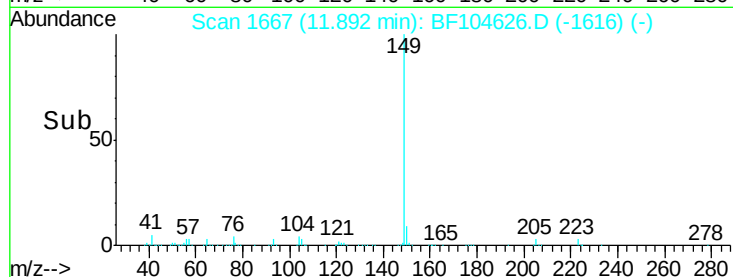
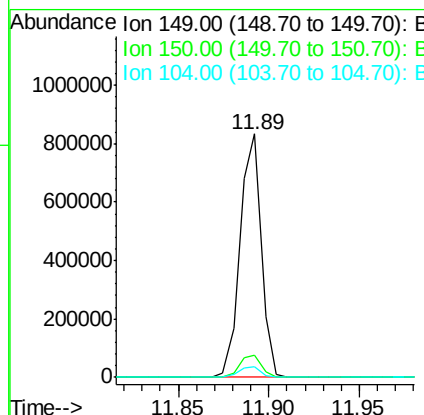
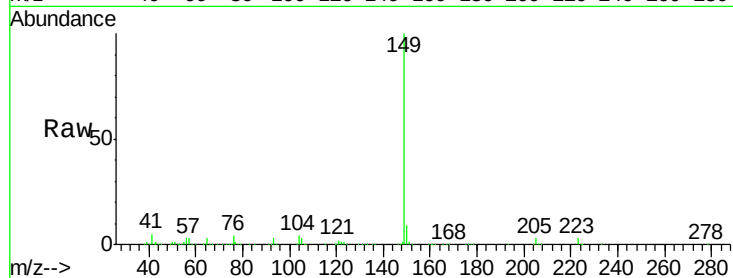
ClientSampled :

PB108340BS

Tot Ion:	149	Resp:	678183
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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4/20/2018 3:05:04 PM



#74

Fluoranthene

Concen: 37.211 ng

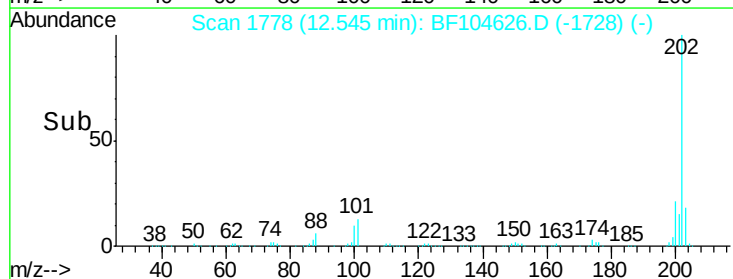
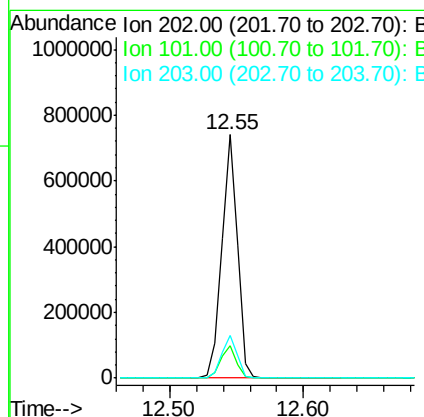
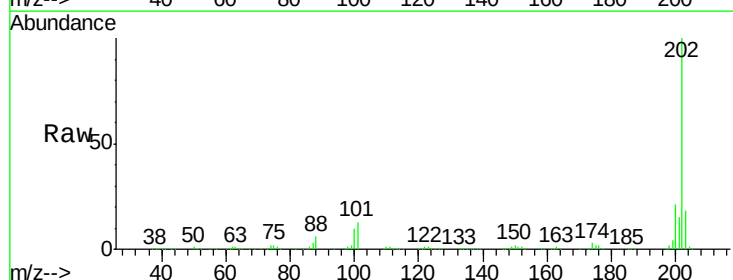
RT: 12.55 min Scan# 1778

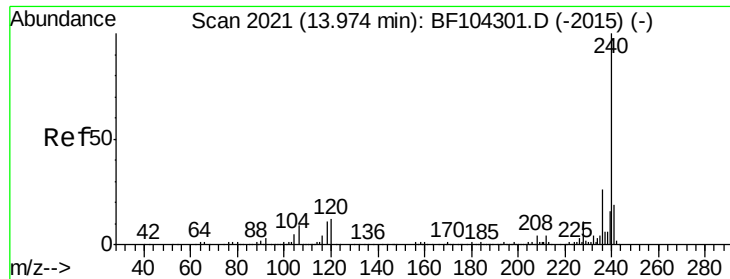
Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Tgt Ion:	202	Resp:	613060
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

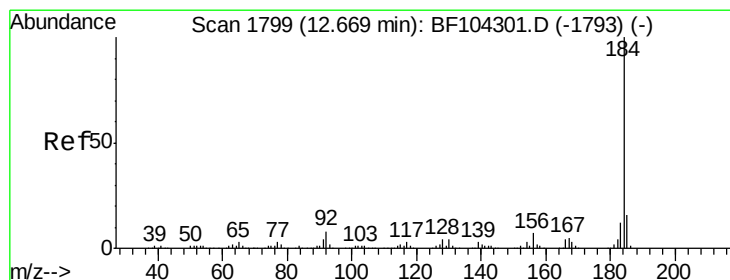
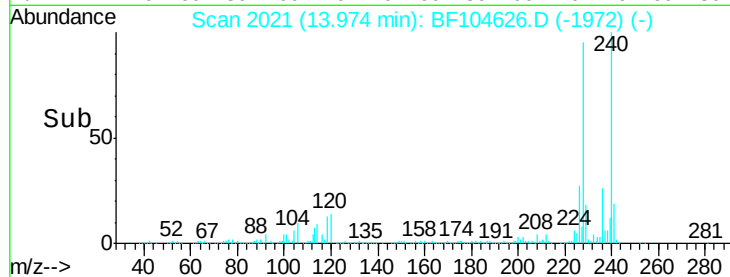
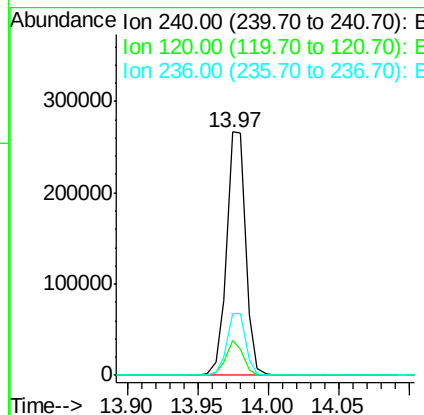
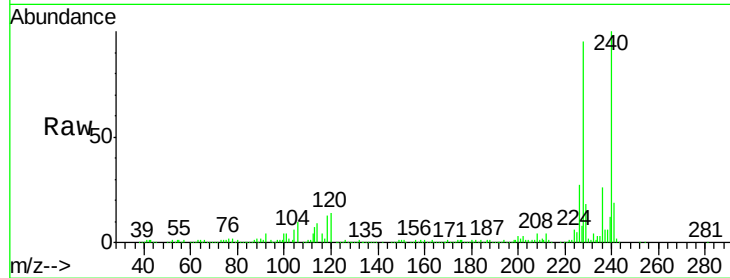
ClientSampleId :

PB108340BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.5	20.7	31.1

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#76

Benzidine

Concen: 19.925 ng

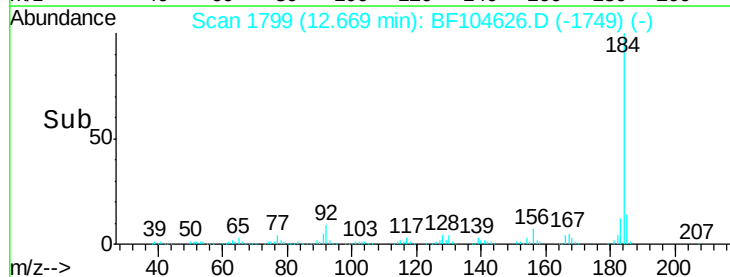
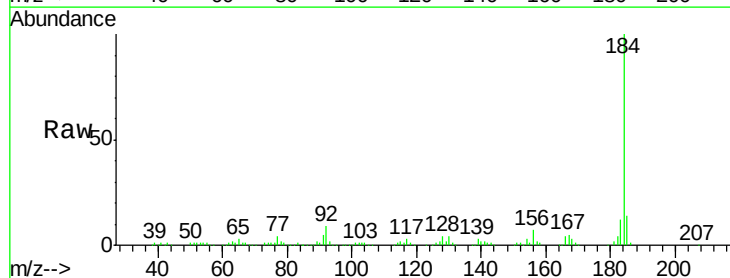
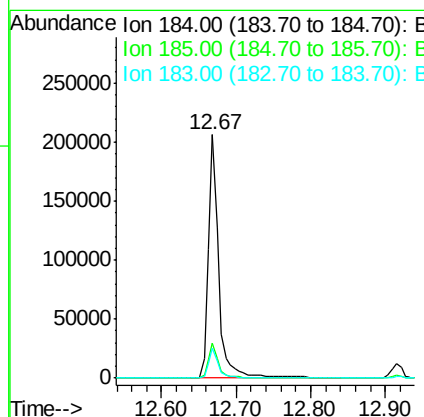
RT: 12.67 min Scan# 1799

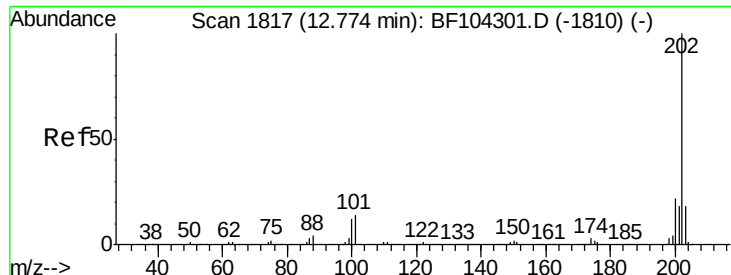
Delta R.T. -0.01 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	12.1	9.3	13.9





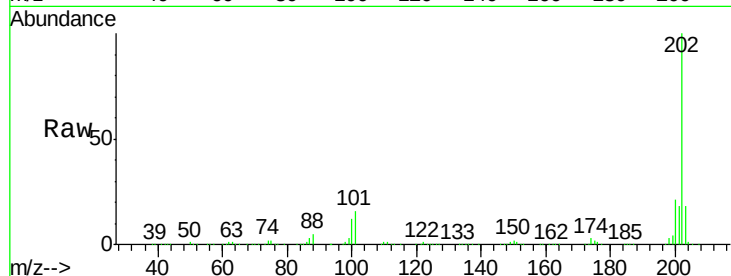
#77
Pvrene
Concen: 33.703 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

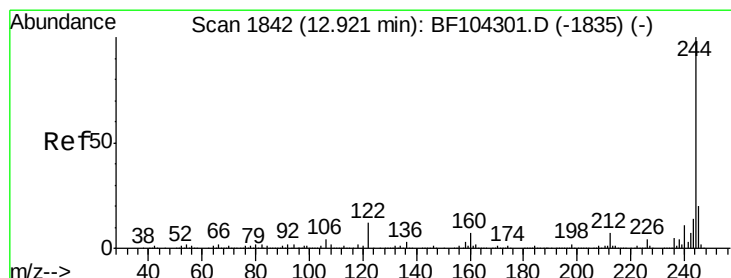
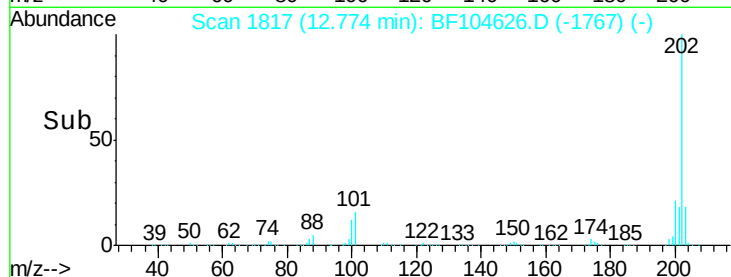
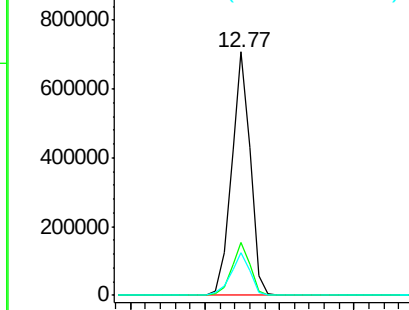
Tot Ion	Ratio	Resp	Lower	Upper
202	100	624775		
200	21.5		17.4	26.2
203	17.6		14.3	21.5

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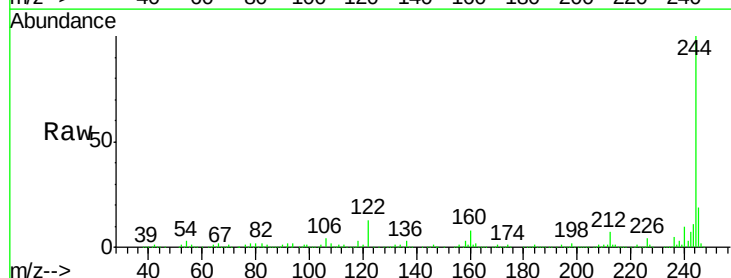


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

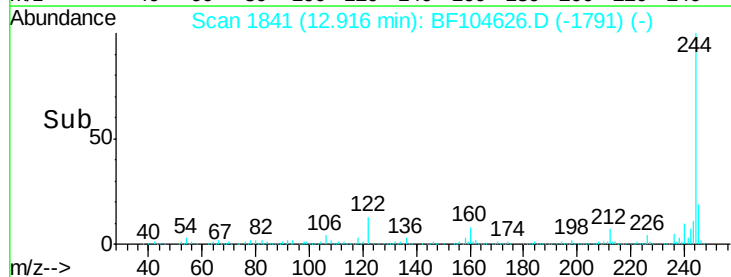
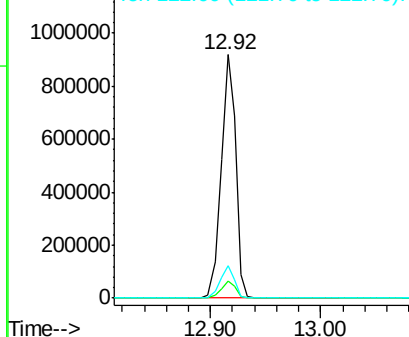


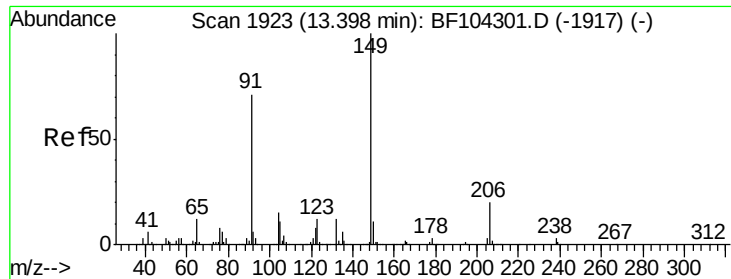
#78
Terphenyl-d14
Concen: 76.965 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	844283		
212	6.9		5.4	8.0
122	13.4		11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





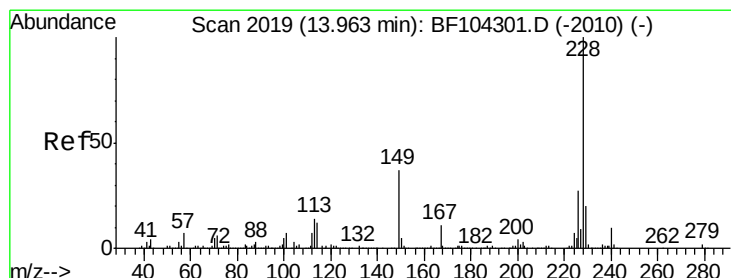
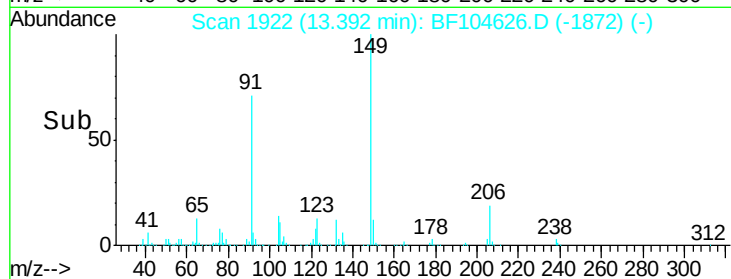
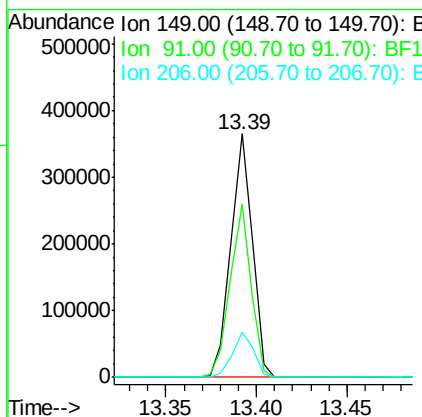
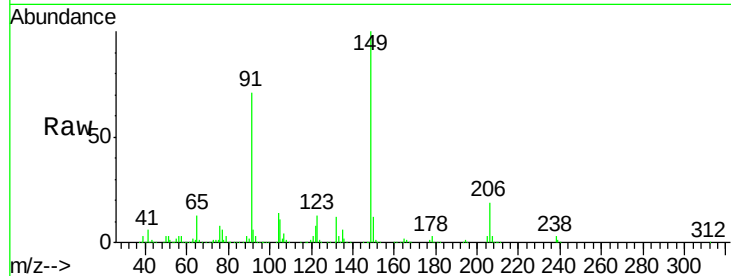
#79
Butylbenzylphthalate
Concen: 34.937 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleID :
PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	305118		
91	71.1	56.8	85.2	
206	18.8	14.1	21.1	

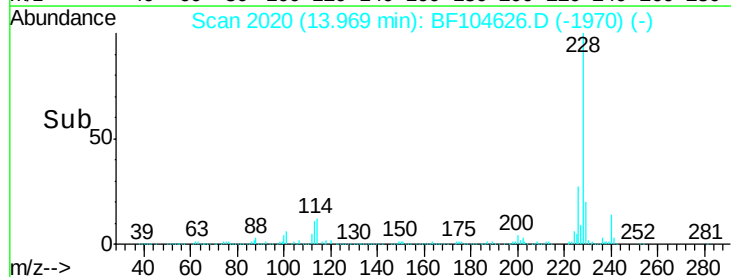
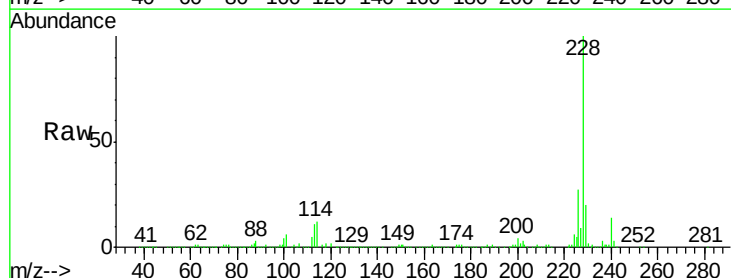
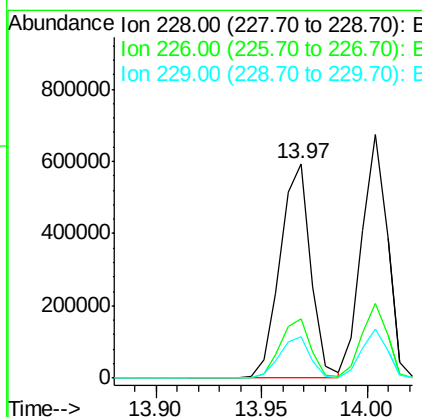
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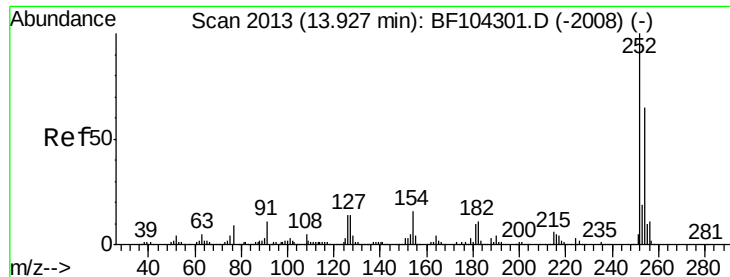
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#80
Benzo(a)anthracene
Concen: 40.178 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	600287		
226	27.5	22.6	33.8	
229	19.5	15.8	23.6	





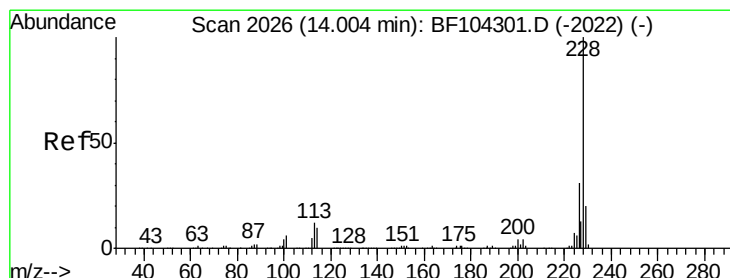
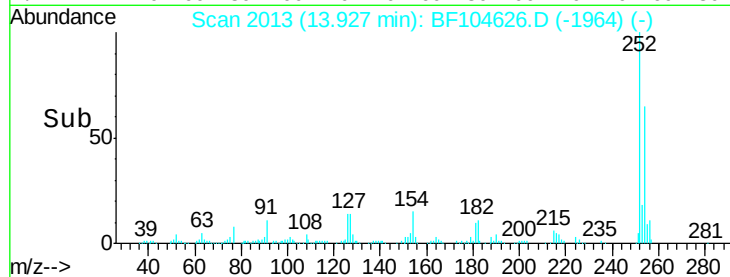
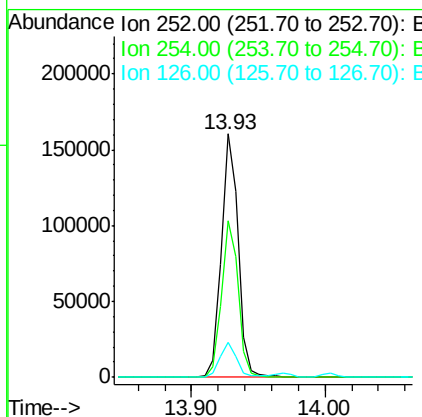
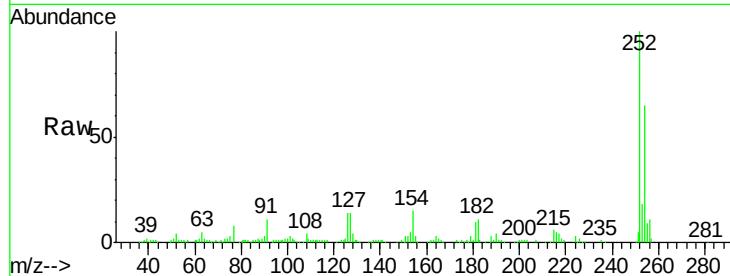
#81
 3,3'-Dichlorobenzidine
 Concen: 25.772 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	143567		
254	64.5	50.4	75.6	
126	14.4	11.3	16.9	

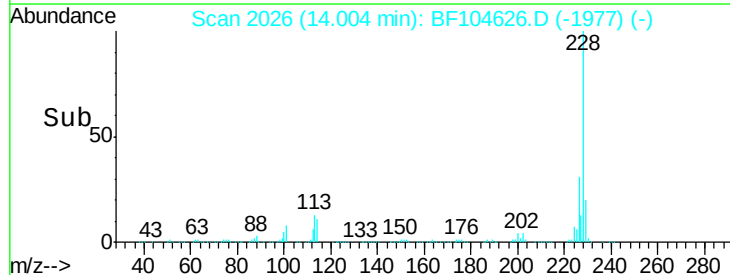
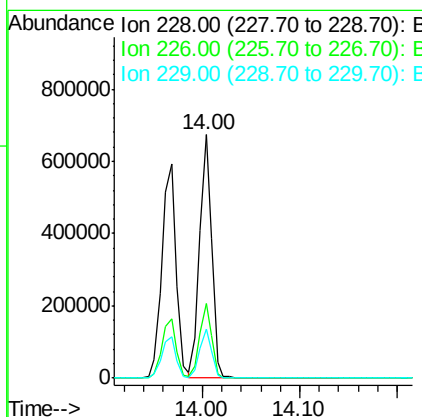
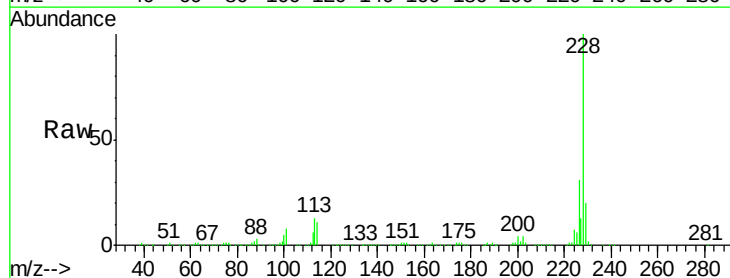
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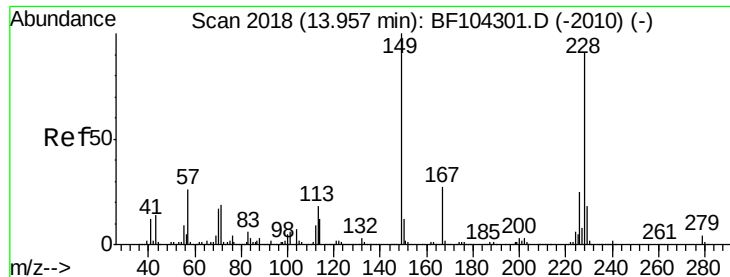
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#82
 Chrysene
 Concen: 37.986 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	582956		
226	30.6	25.0	37.6	
229	20.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.950 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104626.D

Acq: 19 Apr 2018 12:59

Instrument :

BNA_F

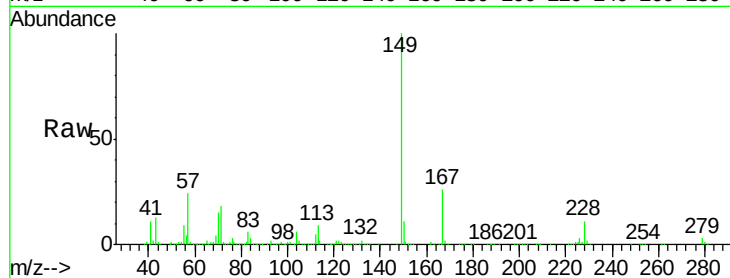
ClientSampleId :

PB108340BS

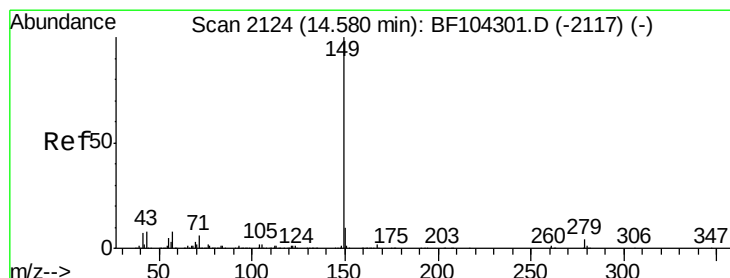
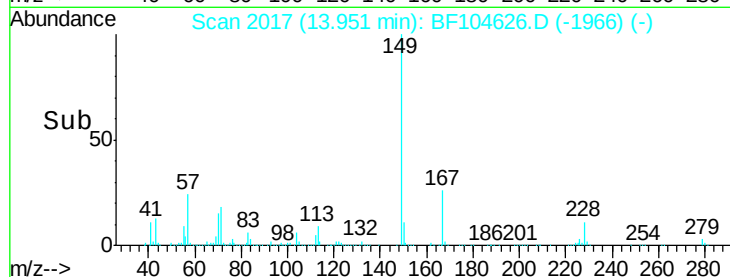
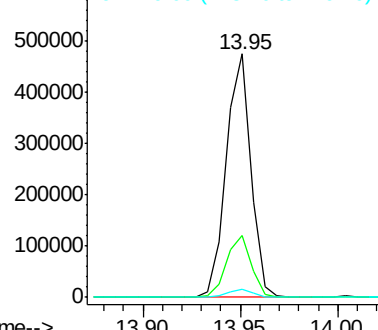
Tot Ion:	149	Resp:	415065
Ion Ratio		Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.4	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.632 ng

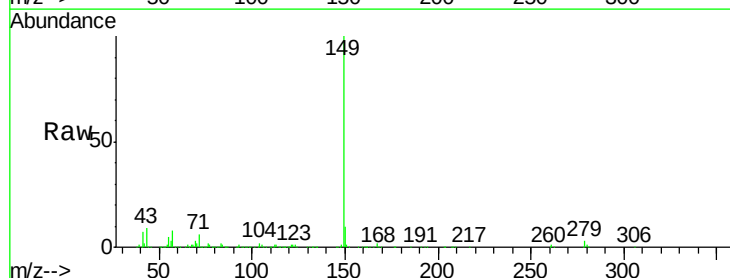
RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

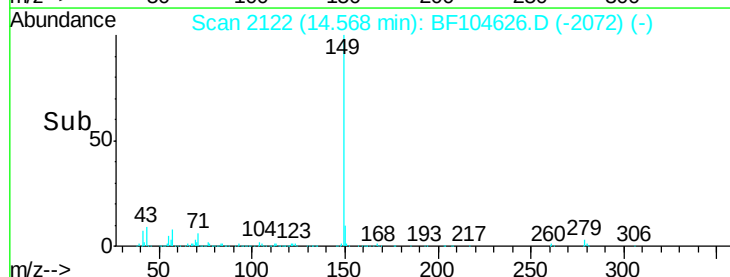
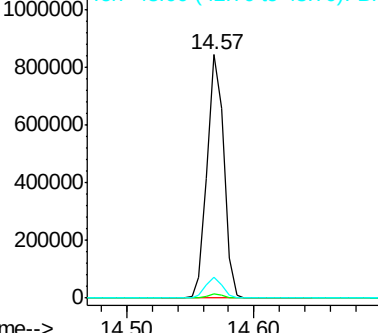
Lab File: BF104626.D

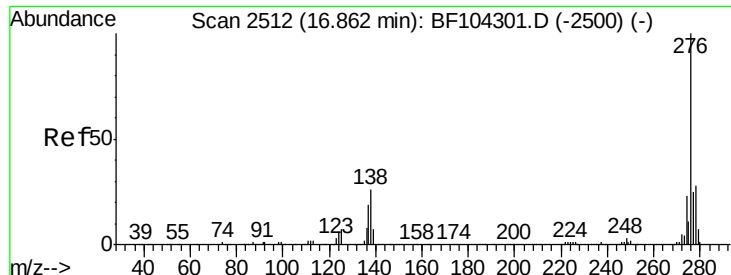
Acq: 19 Apr 2018 12:59

Tgt Ion:	149	Resp:	762652
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.2	8.4	12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





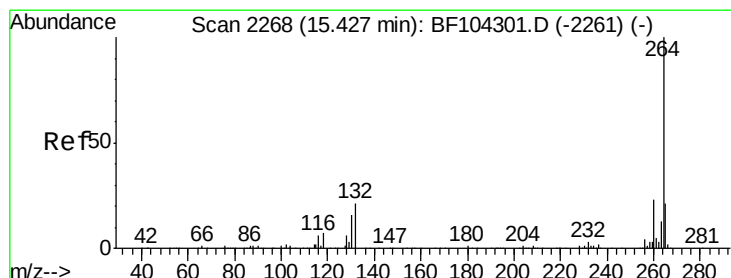
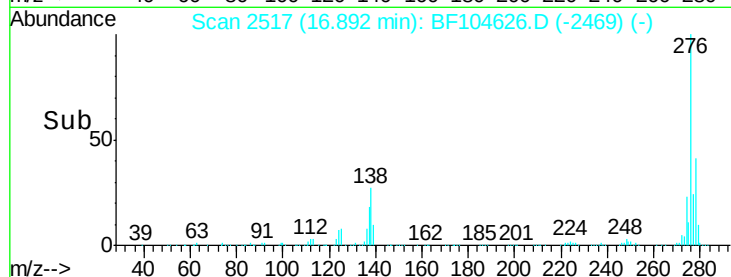
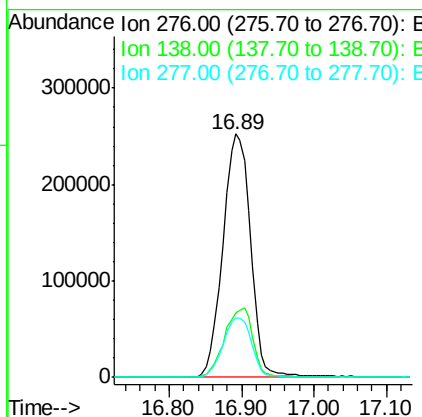
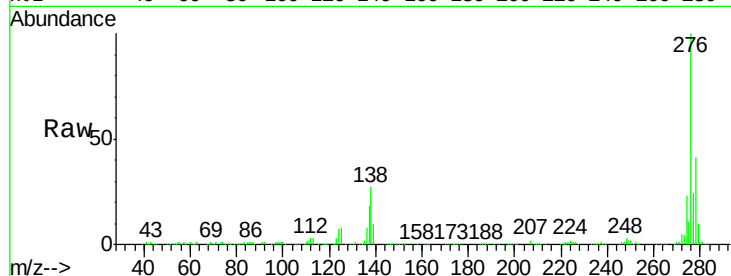
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.513 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	25.2	20.1	30.1

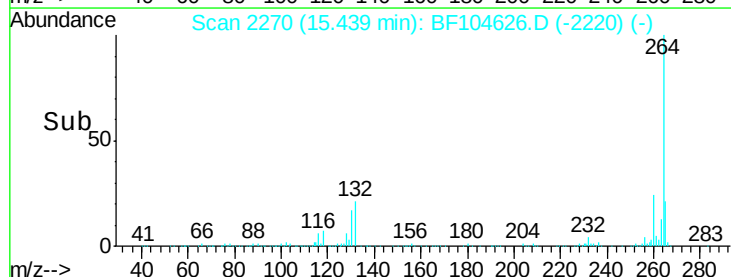
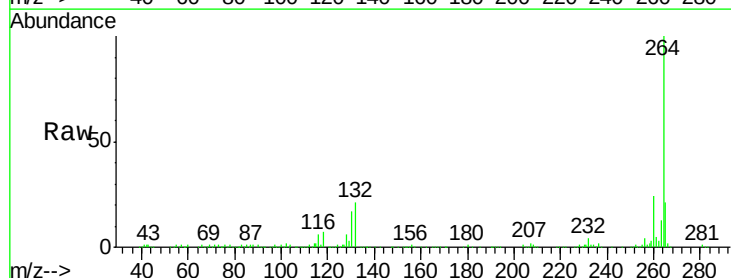
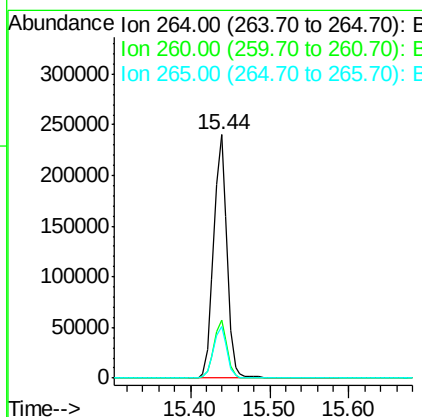
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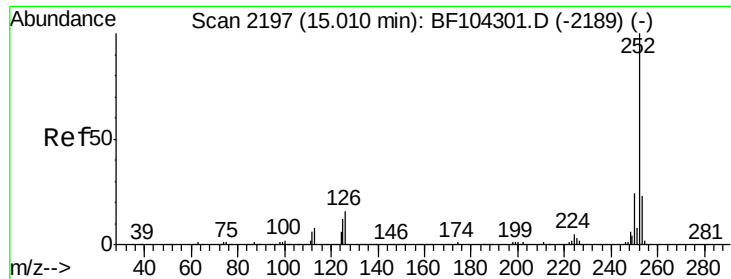
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3





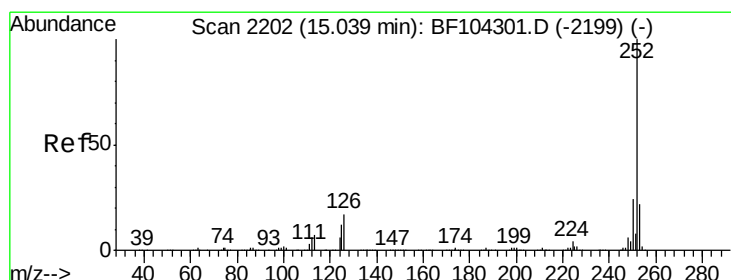
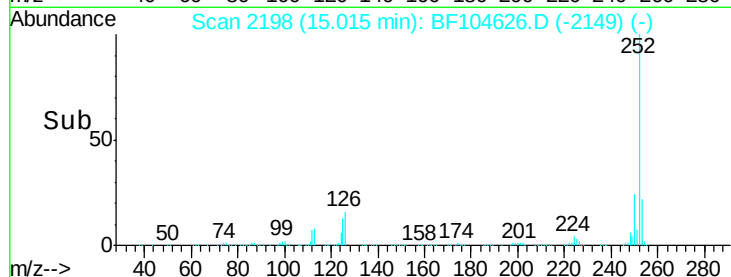
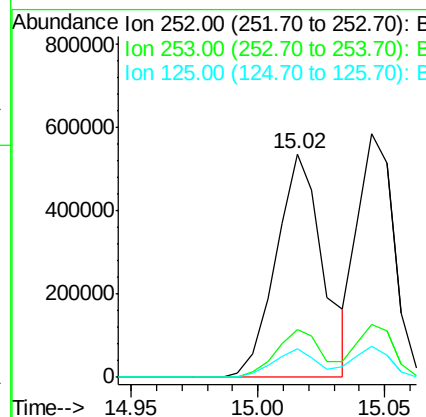
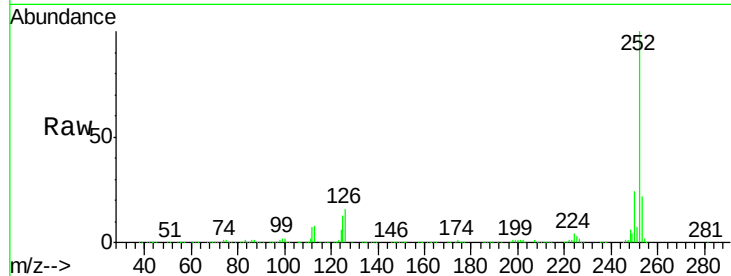
#87
Benzo(b)fluoranthene
Concen: 38.931 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	12.6	9.0	13.6

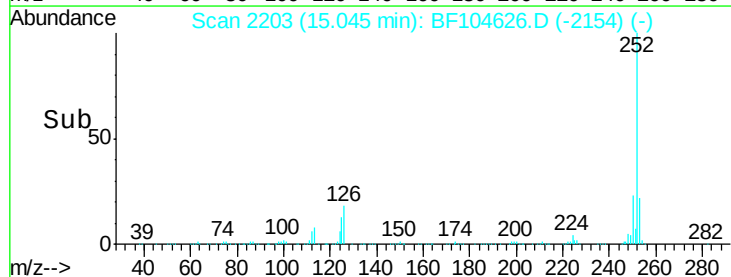
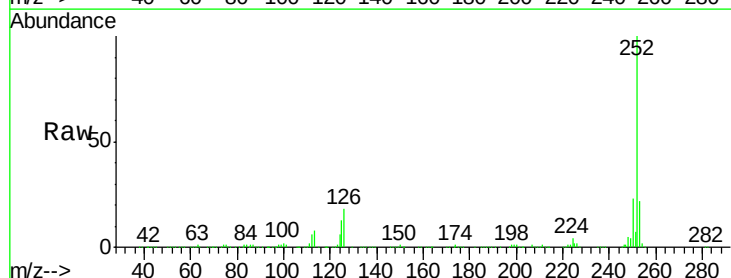
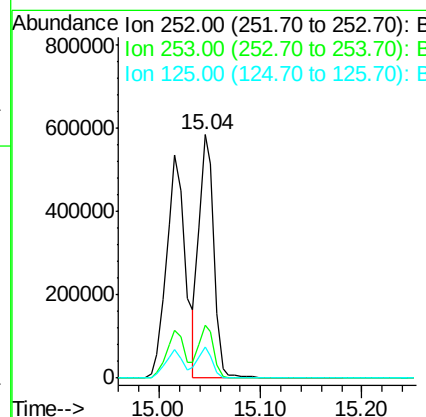
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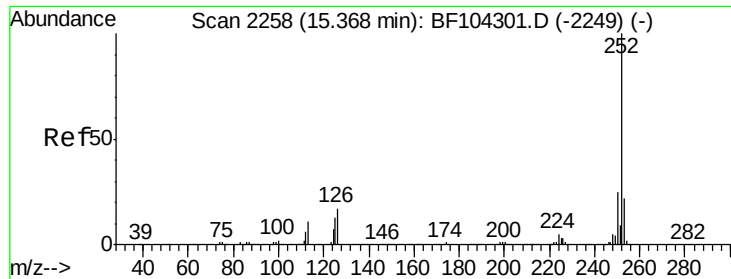
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#88
Benzo(k)fluoranthene
Concen: 35.011 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.6	10.2	15.2





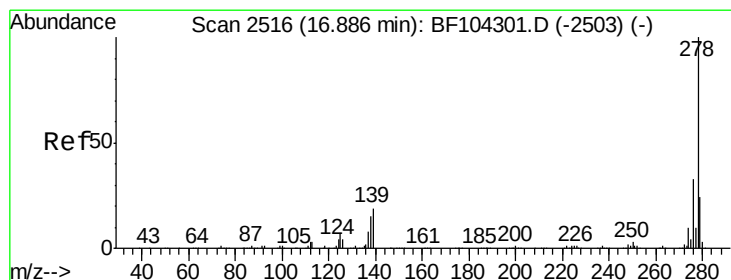
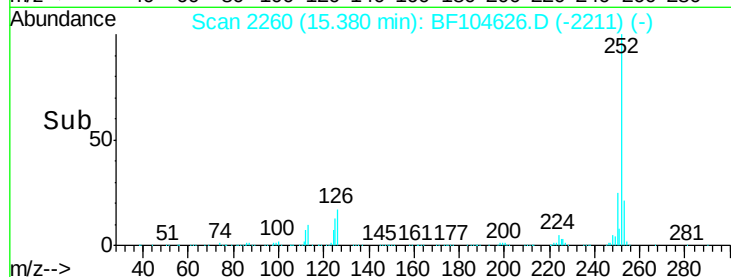
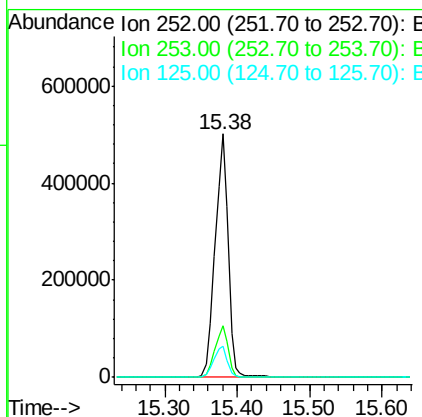
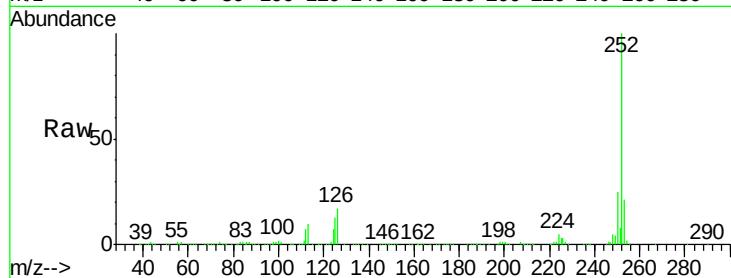
#89
Benzo(a)pyrene
Concen: 39.722 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Instrument :
BNA_F
ClientSampleId :
PB108340BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	13.0	9.8	14.6

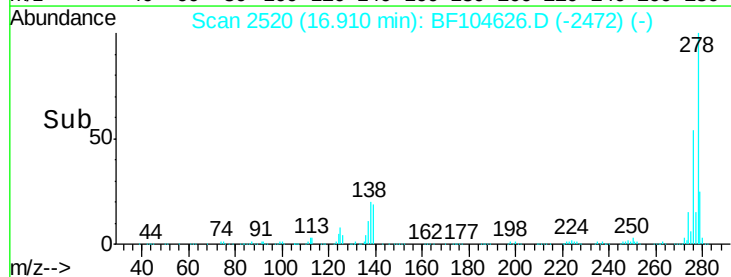
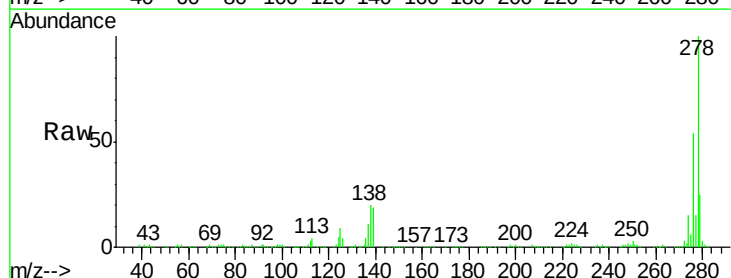
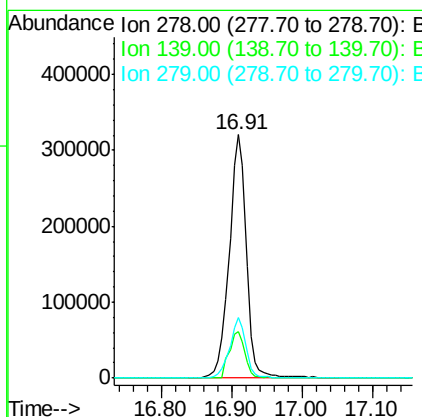
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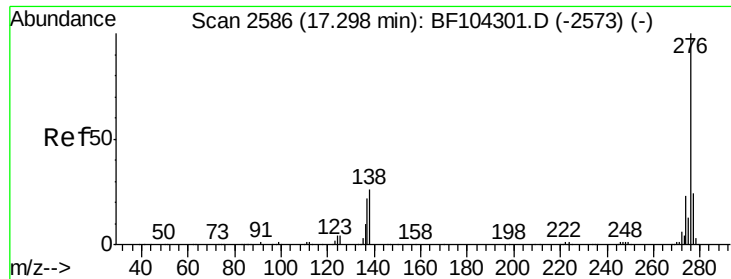
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#90
Dibenzo(a,h)anthracene
Concen: 41.656 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104626.D
Acq: 19 Apr 2018 12:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.9	23.9
279	25.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.909 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.02 min
 Lab File: BF104626.D
 Acq: 19 Apr 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	25.6	21.8	32.8

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