

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096564.D
 Acq On : 7 Jul 2017 17:35
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/10/2017 2:22:29 PM

Quant Time: Jul 07 18:07:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	124278	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	521032	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	230546	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	414185	20.00	ng	0.00
75) Chrysene-d12	13.84	240	286365	20.00	ng	0.00
86) Perylene-d12	15.24	264	273306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	638546	75.84	ng	0.00
7) Phenol-d6	6.34	99	782147	75.56	ng	0.00
23) Nitrobenzene-d5	7.26	82	671451	77.44	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	158282	87.89	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1090964	80.91	ng	0.00
78) Terphenyl-d14	12.80	244	1019840	76.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	151349	37.907	ng	# 77
3) Pyridine	3.05	79	390920	35.685	ng	# 66
4) n-Nitrosodimethylamine	3.00	42	207223	38.324	ng	84
6) Aniline	6.36	93	494193	36.938	ng	98
8) 2-Chlorophenol	6.49	128	350772	39.065	ng	98
9) Benzaldehyde	6.24	77	229349	35.403	ng	98
10) Phenol	6.35	94	437288	37.081	ng	77
11) bis(2-Chloroethyl)ether	6.44	93	329304	36.134	ng	93
12) 1,3-Dichlorobenzene	6.64	146	368269	39.116	ng	100
13) 1,4-Dichlorobenzene	6.72	146	374794	39.829	ng	95
14) 1,2-Dichlorobenzene	6.87	146	341578	39.534	ng	99
15) Benzyl Alcohol	6.85	79	261532	37.796	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	686714	37.065	ng	91
17) 2-Methylphenol	6.96	107	274879	38.413	ng	97
18) Hexachloroethane	7.22	117	132714	38.901	ng	# 87
19) n-Nitroso-di-n-propylamine	7.12	70	228034	36.978	ng	# 87
20) 3+4-Methylphenols	7.12	107	322512	40.407	ng	96
22) Acetophenone	7.11	105	439792	38.630	ng	95
24) Nitrobenzene	7.28	77	352385	38.740	ng	95
25) Isophorone	7.53	82	615193	36.593	ng	95
26) 2-Nitrophenol	7.60	139	197242	40.968	ng	# 89
27) 2,4-Dimethylphenol	7.65	122	316343	38.589	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	410664	37.004	ng	100
29) 2,4-Dichlorophenol	7.85	162	283283	40.051	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	270288	40.511	ng	99
31) Naphthalene	8.00	128	972479	39.536	ng	99
32) Benzoic acid	7.78	122	262928m	38.189	ng	
33) 4-Chloroaniline	8.05	127	405729	39.711	ng	97
34) Hexachlorobutadiene	8.13	225	142927	41.766	ng	97
35) Caprolactam	8.43	113	92102	37.762	ng	# 69
36) 4-Chloro-3-methylphenol	8.54	107	310820	39.715	ng	89
37) 2-Methylnaphthalene	8.69	142	629189	40.184	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	244807	40.895	ng	99
40) Hexachlorocyclopentadiene	8.85	237	106199	36.486	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	185673	39.208	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	186776	39.890	ng	95
45) 1,1'-Biphenyl	9.16	154	782189	39.597	ng	97
46) 2-Chloronaphthalene	9.18	162	578126	39.272	ng	# 92
47) 2-Nitroaniline	9.27	65	204187	38.119	ng	94
48) Acenaphthylene	9.59	152	919425	39.416	ng	99
49) Dimethylphthalate	9.46	163	666441	38.723	ng	100
50) 2,6-Dinitrotoluene	9.52	165	151604	39.834	ng	# 89
51) Acenaphthene	9.77	154	536848	37.337	ng	100
52) 3-Nitroaniline	9.69	138	186020	39.188	ng	91
53) 2,4-Dinitrophenol	9.79	184	80271	39.710	ng	# 73
54) Dibenzofuran	9.94	168	750433	39.531	ng	100
55) 4-Nitrophenol	9.85	139	146783	37.307	ng	# 70
56) 2,4-Dinitrotoluene	9.92	165	199374	41.367	ng	# 81
57) Fluorene	10.28	166	565766	42.198	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	133174	41.110	ng	97
59) Diethylphthalate	10.16	149	636567	39.132	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	236714	40.579	ng	92
61) 4-Nitroaniline	10.30	138	179826	41.663	ng	90
62) Azobenzene	10.43	77	587181	37.329	ng	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	108639	38.033	ng	80
65) n-Nitrosodiphenylamine	10.39	169	534572	36.785	ng	98
66) 4-Bromophenyl-phenylether	10.76	248	154265	38.261	ng	96
67) Hexachlorobenzene	10.83	284	175983	39.872	ng	97
68) Atrazine	10.92	200	164720	39.674	ng	95
69) Pentachlorophenol	11.02	266	105489	40.327	ng	98
70) Phenanthrene	11.23	178	862989	38.544	ng	99
71) Anthracene	11.29	178	891175	39.059	ng	99
72) Carbazole	11.44	167	900327	39.237	ng	99
73) Di-n-butylphthalate	11.78	149	1053647	37.912	ng	99
74) Fluoranthene	12.42	202	859458	39.152	ng	98
76) Benzidine	12.54	184	519083	37.777	ng	95
77) Pyrene	12.65	202	882161	38.379	ng	100
79) Butylbenzylphthalate	13.27	149	449872	38.663	ng	# 79
80) Benzo(a)anthracene	13.83	228	671928	40.519	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	280269	41.149	ng	# 96
82) Chrysene	13.87	228	689278	39.692	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	499144	38.431	ng	98
84) Di-n-octyl phthalate	14.44	149	966353	37.782	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.59	276	540329	39.418	ng	97
87) Benzo(b)fluoranthene	14.84	252	700583	40.909	ng	97
88) Benzo(k)fluoranthene	14.87	252	570544	37.245	ng	98
89) Benzo(a)pyrene	15.19	252	593594	38.824	ng	99
90) Dibenzo(a,h)anthracene	16.60	278	426233	35.436	ng	97
91) Benzo(g,h,i)perylene	16.99	276	424158	34.031	ng	97

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

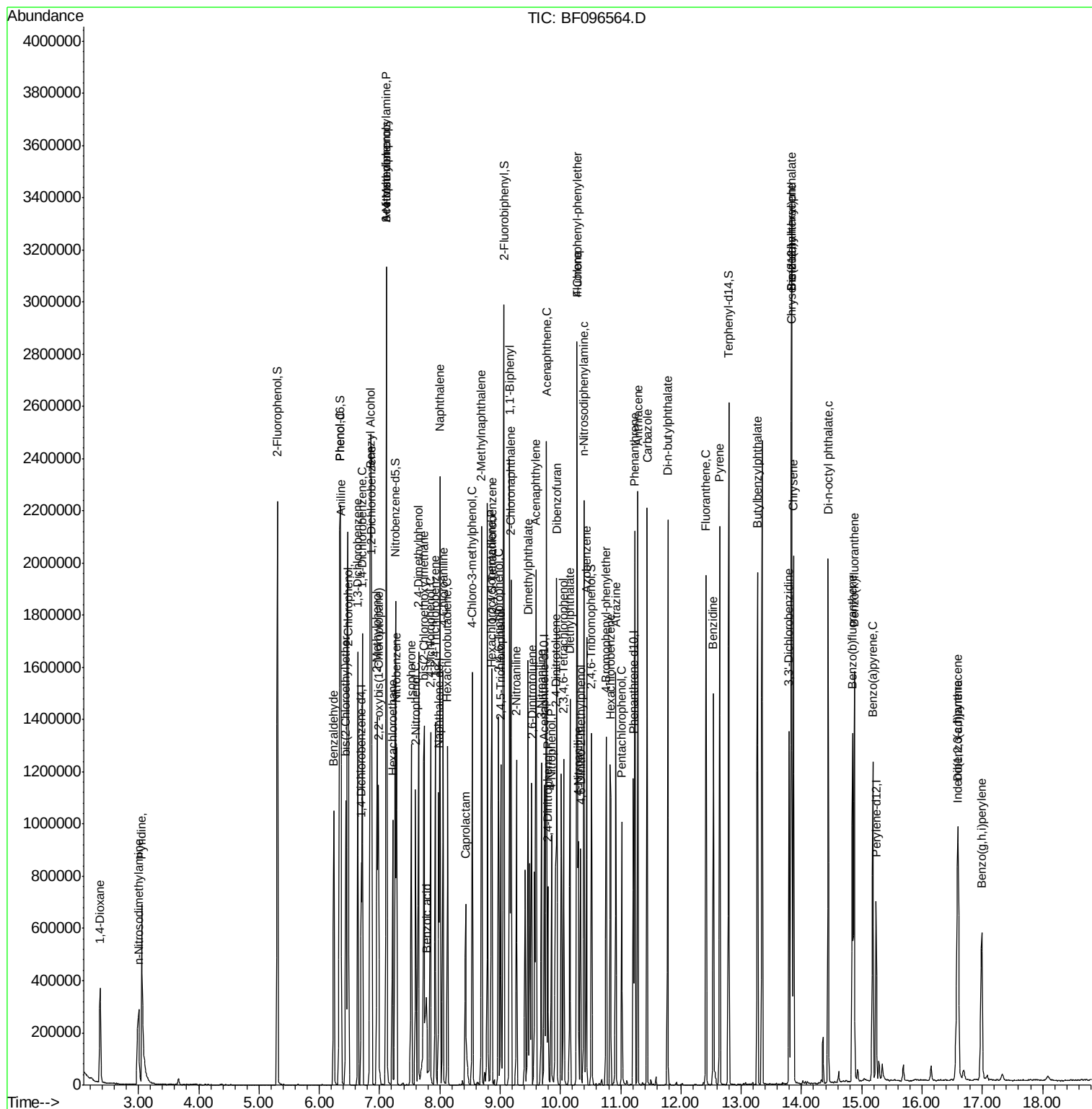
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
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Sample    : SSTCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
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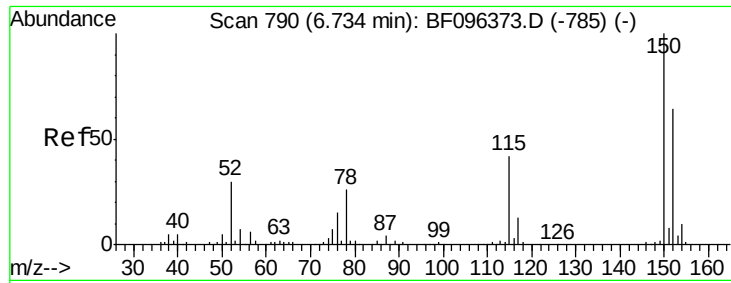
Instrument :
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#1

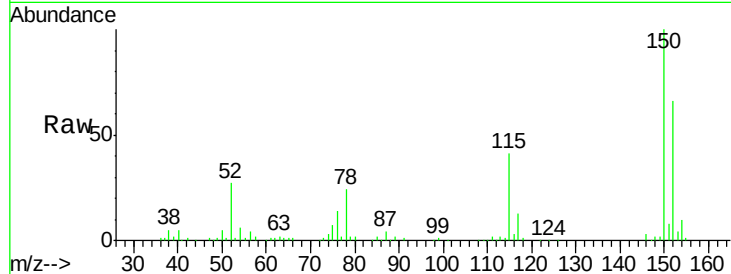
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

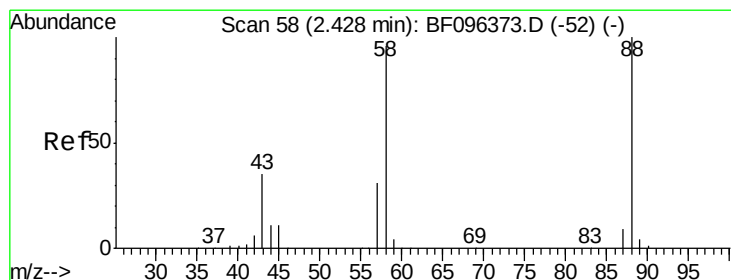
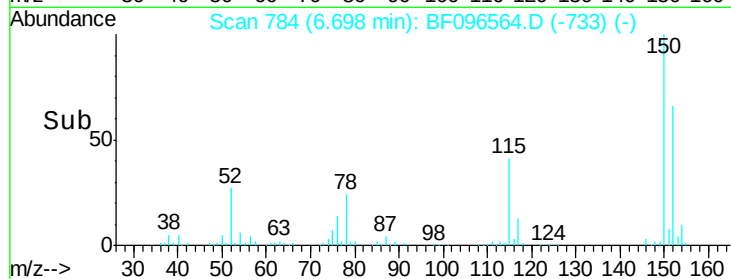
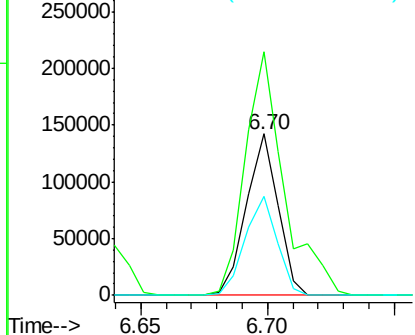
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.2	189.2
115	61.6	52.2	78.2

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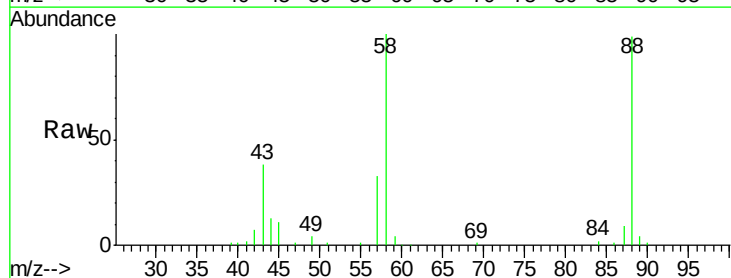
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



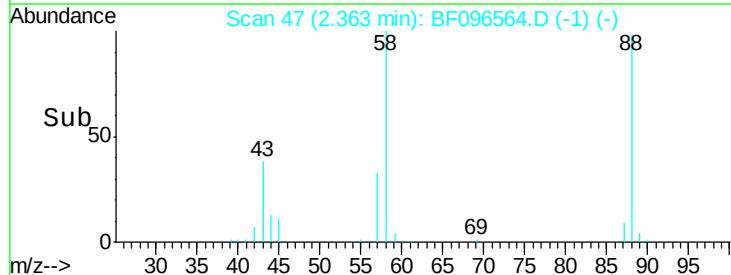
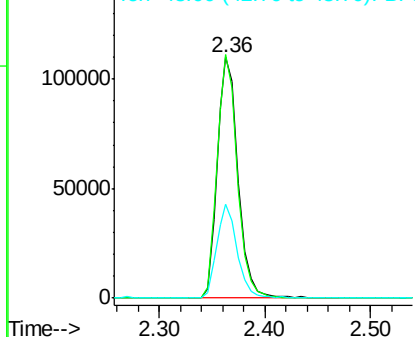
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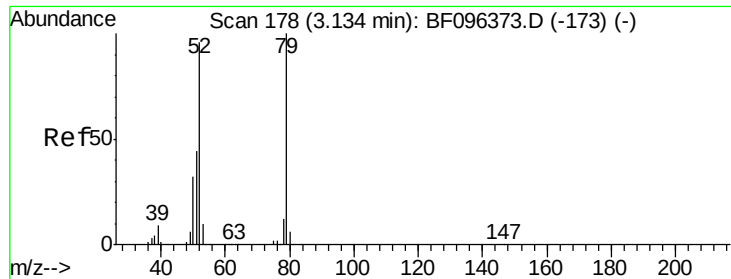
1,4-Dioxane
Concen: 37.907 ng
RT: 2.36 min Scan# 47
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.8	61.4	92.0#
43	38.1	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.685 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 390920
Ion Ratio Lower Upper

79 100

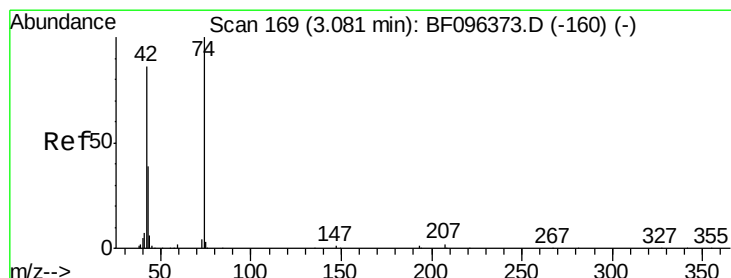
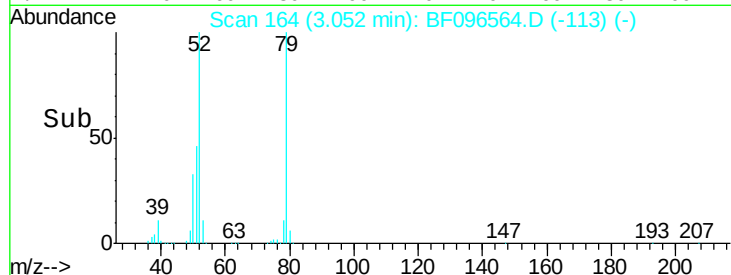
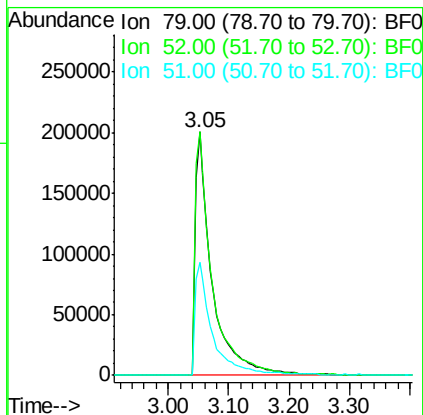
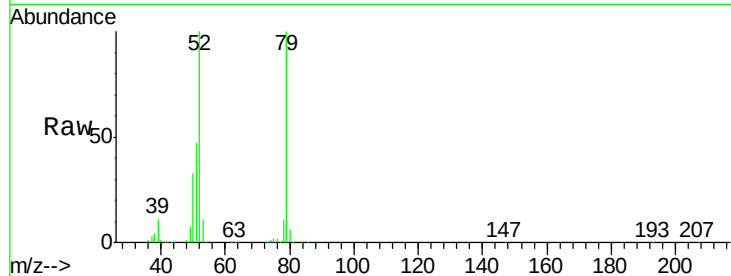
52 100.1 54.8 82.2#

51 46.6 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 38.324 ng

RT: 3.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BF096564.D

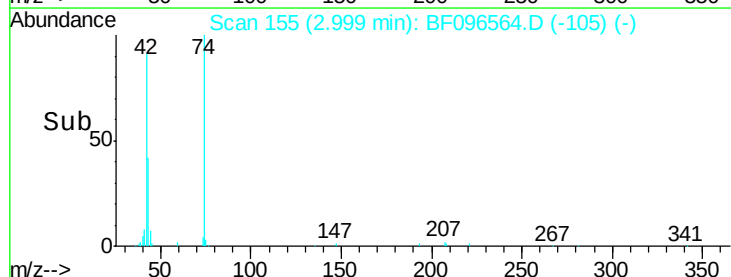
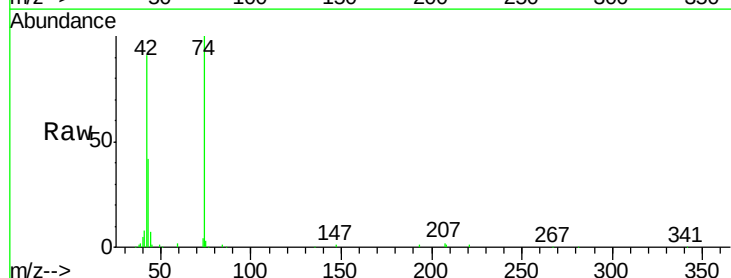
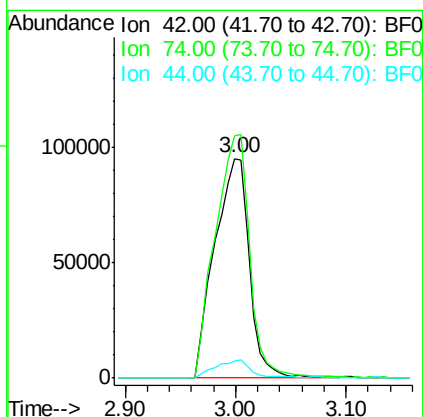
Acq: 7 Jul 2017 17:35

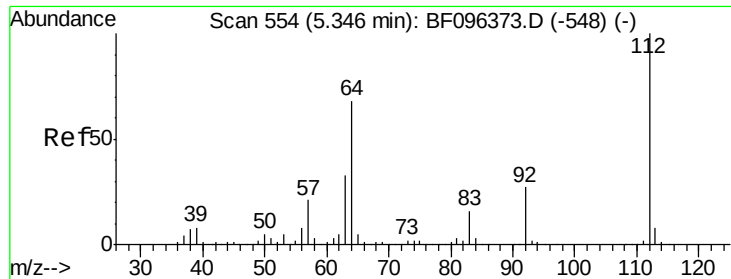
Tgt Ion: 42 Resp: 207223
Ion Ratio Lower Upper

42 100

74 110.5 103.9 155.9

44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 75.836 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

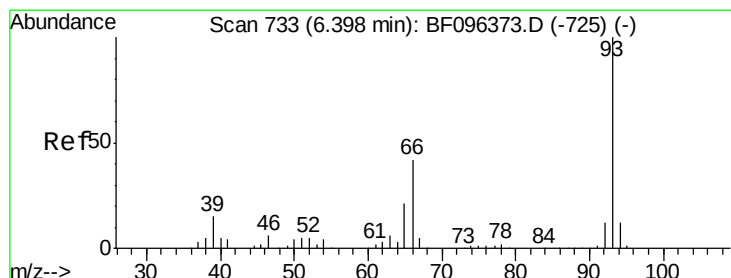
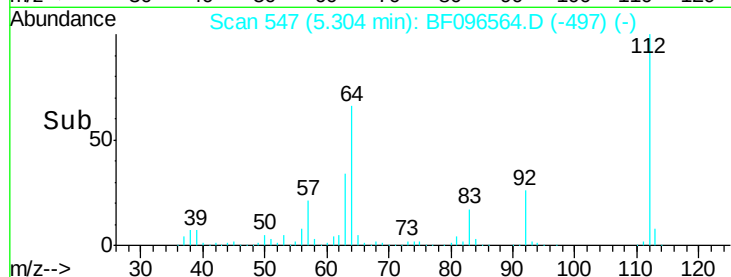
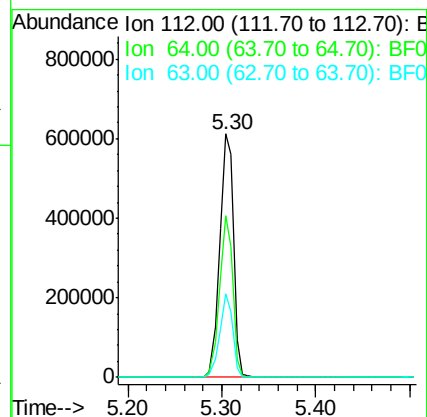
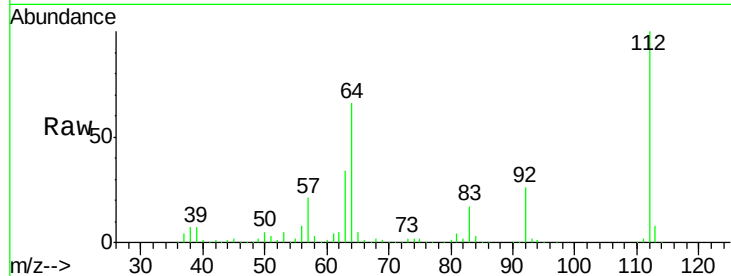
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	638546
Ion Ratio	Lower	Upper	
112	100		
64	66.4	46.0	69.0
63	34.4	23.4	35.0

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#6

Aniline

Concen: 36.938 ng

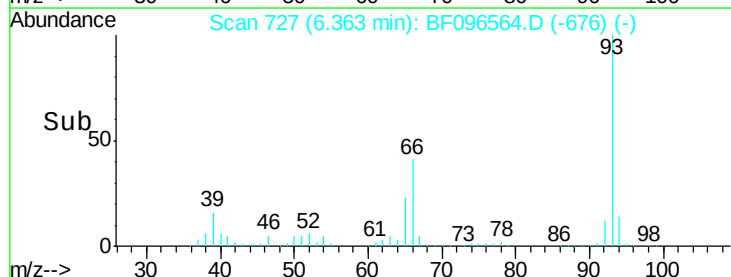
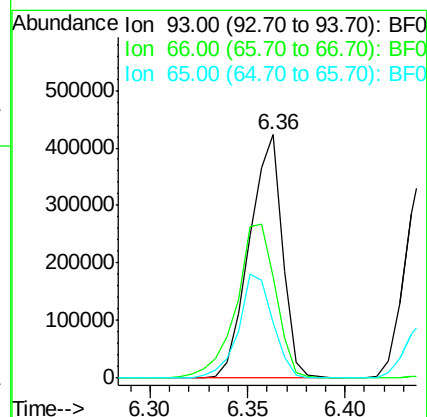
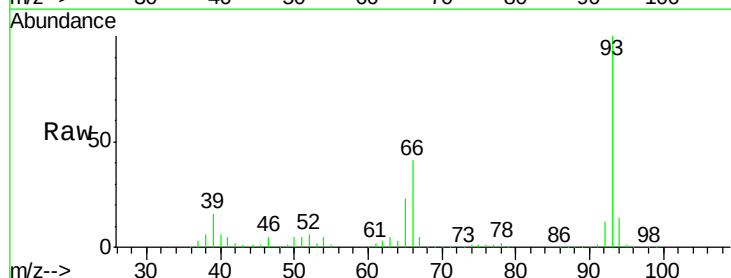
RT: 6.36 min Scan# 727

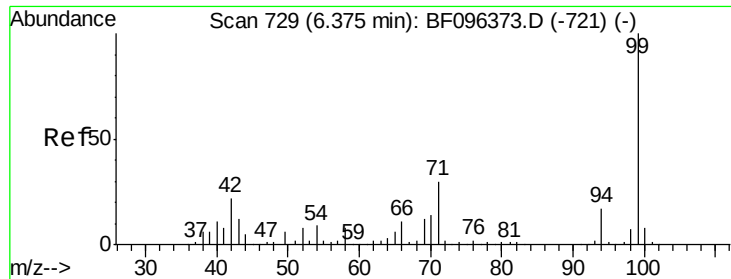
Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Tgt Ion:	93	Resp:	494193
Ion Ratio	Lower	Upper	
93	100		
66	41.4	32.9	49.3
65	22.7	16.0	24.0





#7

Phenol-d6

Concen: 75.560 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 782147

Ion Ratio Lower Upper

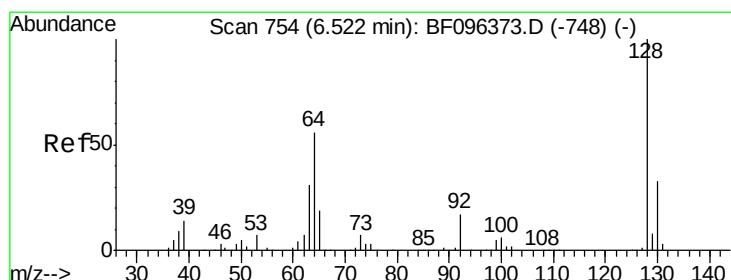
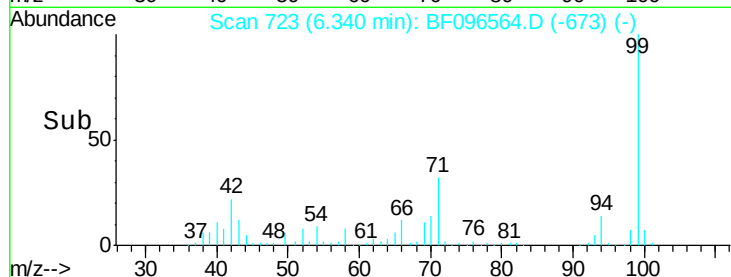
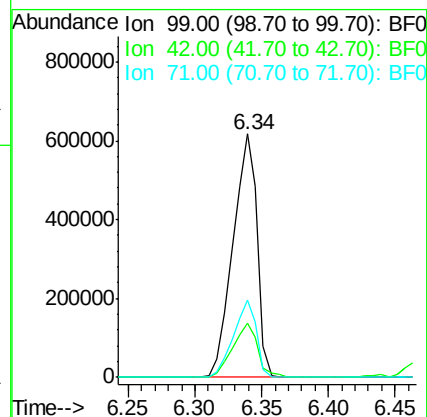
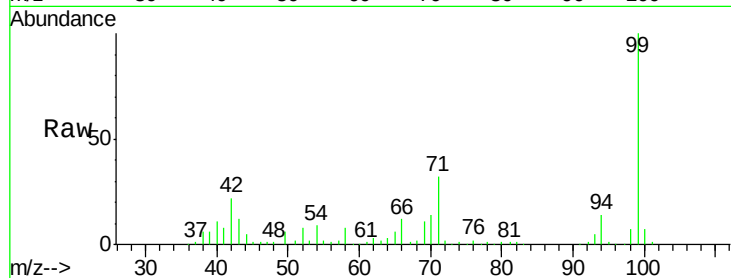
99 100

42 22.2 13.5 20.3#

71 31.6 24.5 36.7

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#8

2-Chlorophenol

Concen: 39.065 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

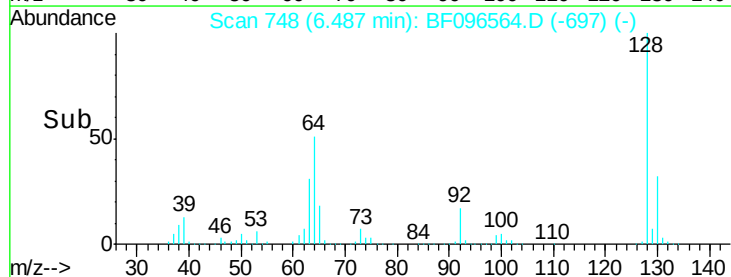
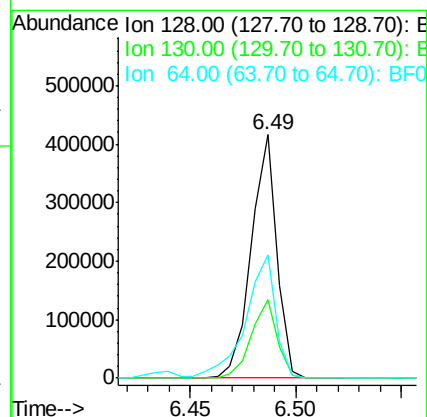
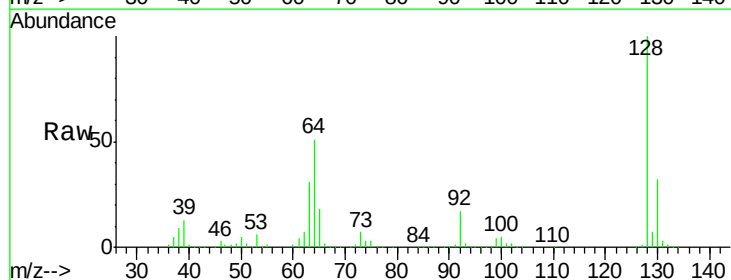
Tgt Ion: 128 Resp: 350772

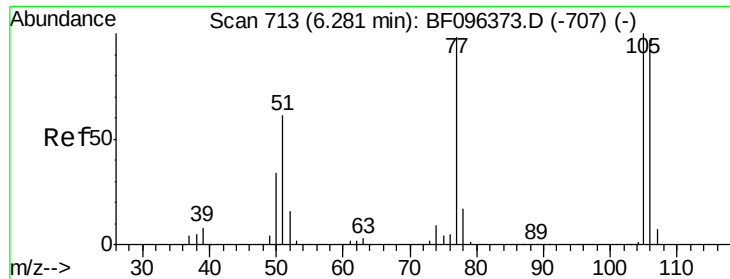
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 50.6 28.4 68.4





#9

Benzaldehyde

Concen: 35.403 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF096564.D

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Instrument :

BNA_F

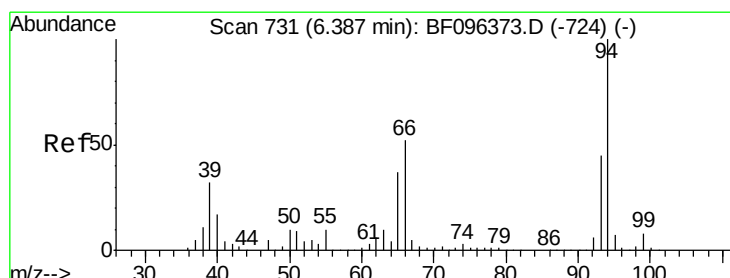
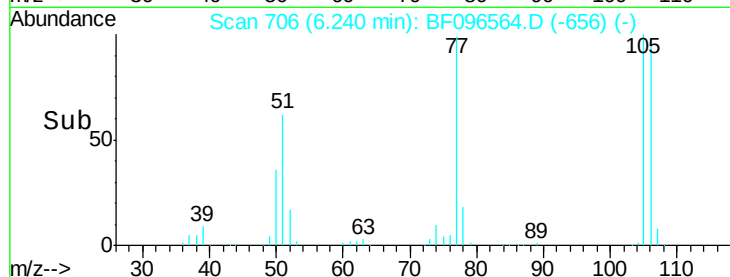
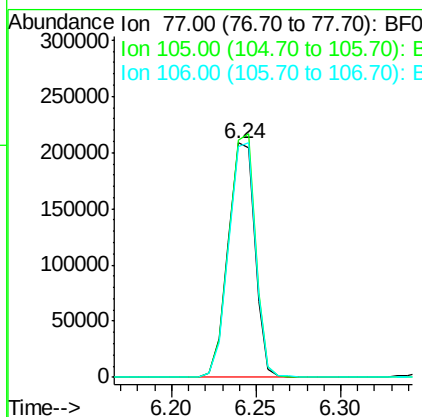
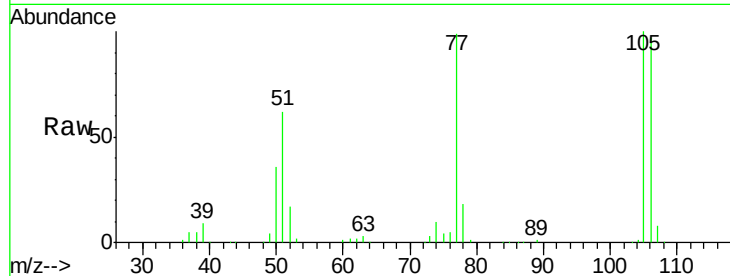
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	229349
Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.8	123.8
106	98.3	79.1	119.1

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#10

Phenol

Concen: 37.081 ng

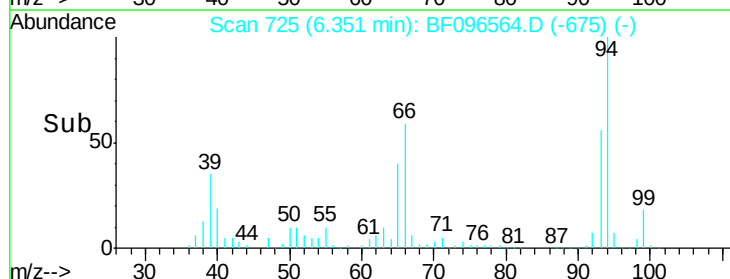
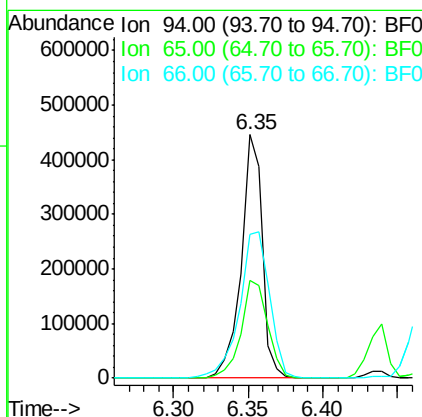
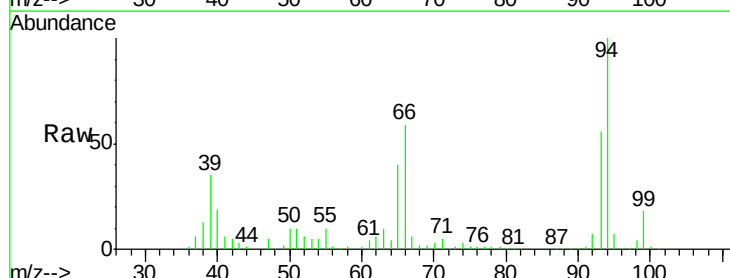
RT: 6.35 min Scan# 725

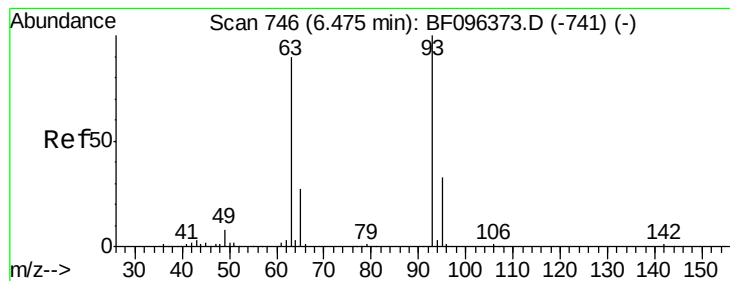
Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Tgt Ion:	94	Resp:	437288
Ion	Ratio	Lower	Upper
94	100		
65	40.3	9.9	49.9
66	59.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 36.134 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

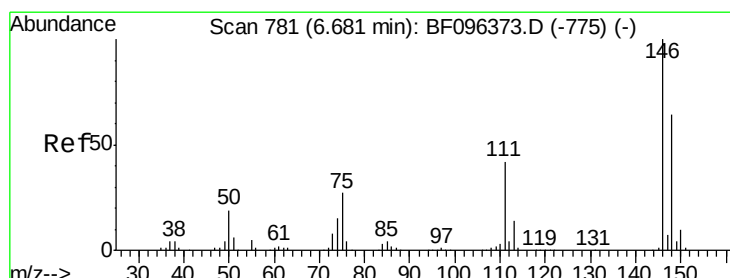
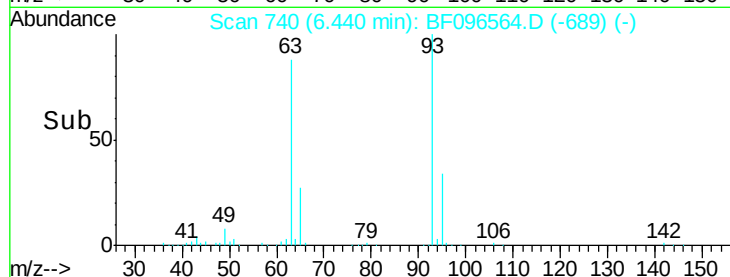
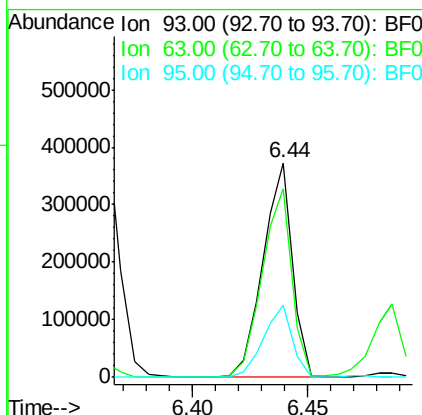
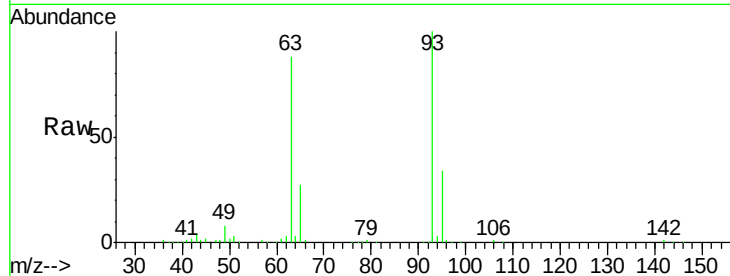
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	329304
Ion	Ratio	Lower	Upper
93	100		
63	87.9	59.2	99.2
95	33.6	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.116 ng

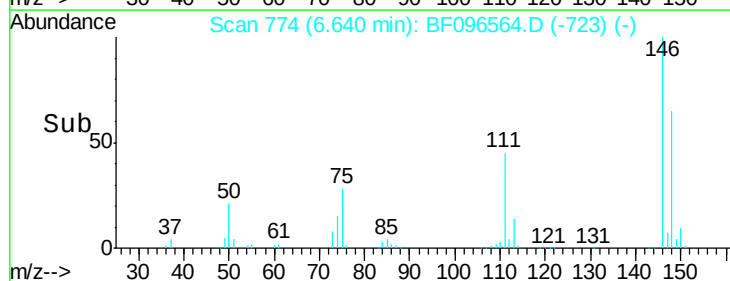
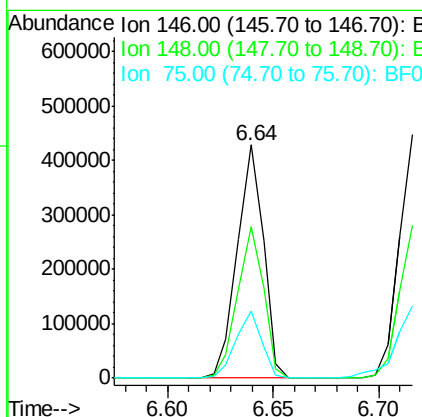
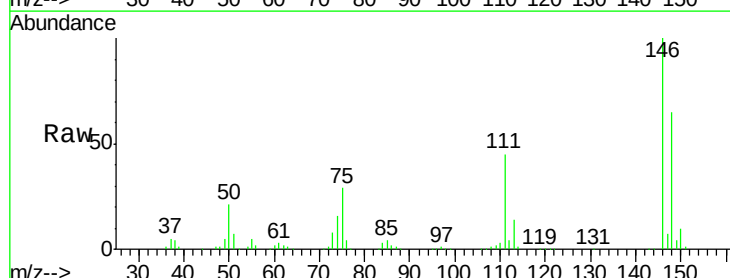
RT: 6.64 min Scan# 774

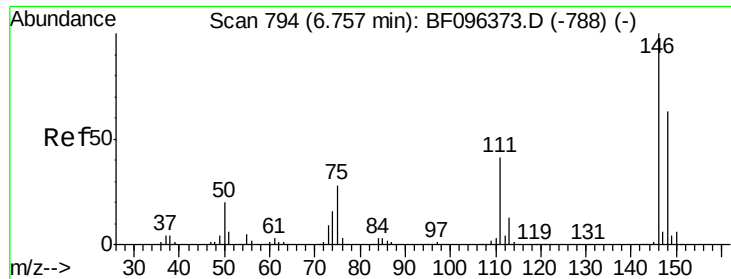
Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Tgt Ion:	146	Resp:	368269
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	28.5	23.1	34.7





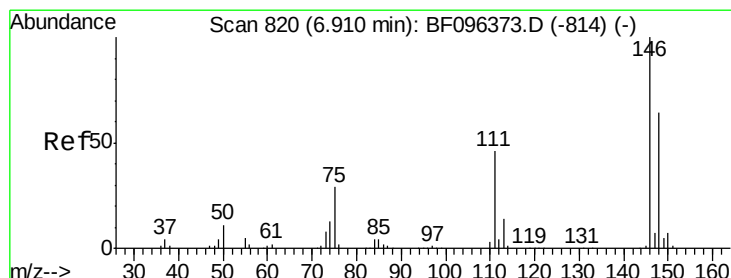
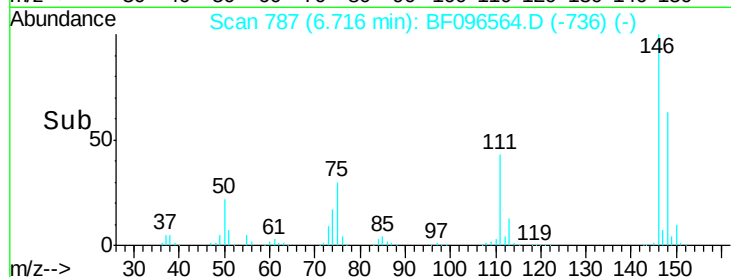
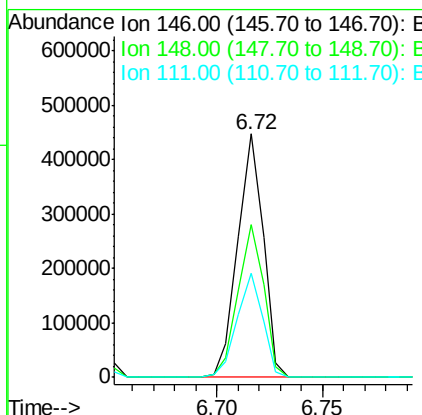
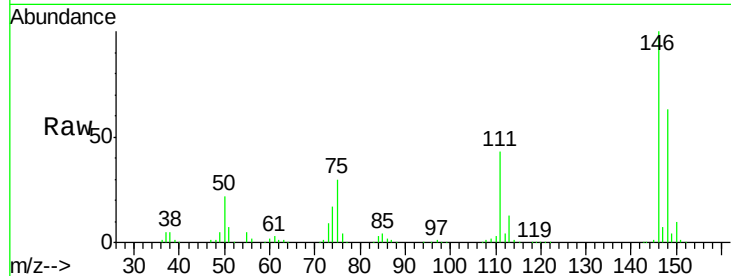
#13
 1,4-Dichlorobenzene
 Concen: 39.829 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	42.6	30.3	45.5

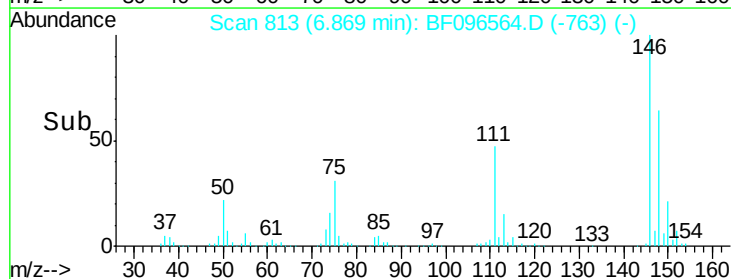
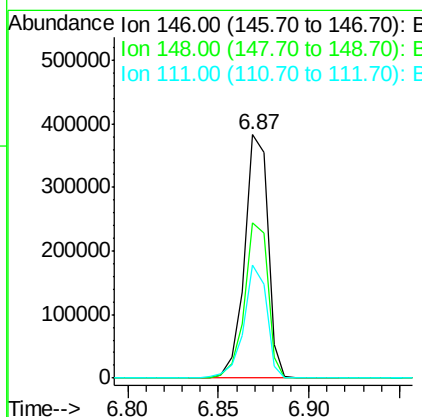
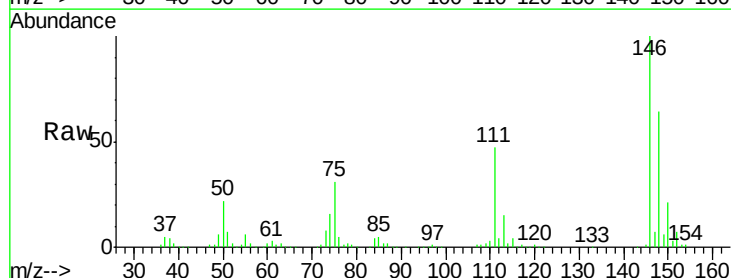
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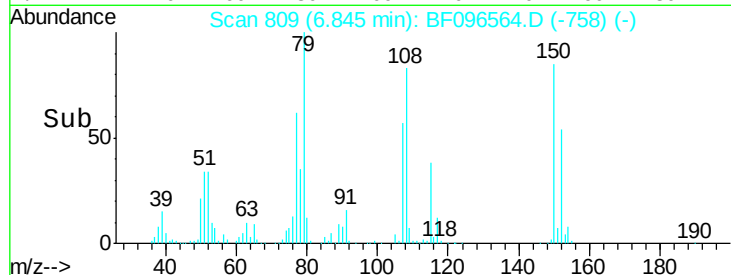
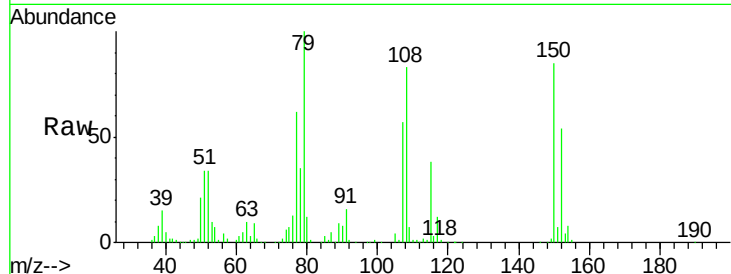
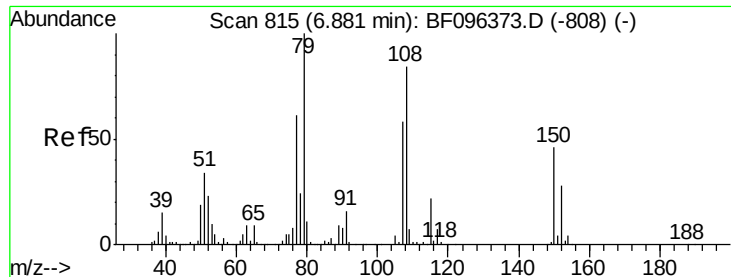
mohammad
 7/10/2017 2:22:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.534 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	46.7	38.2	57.4





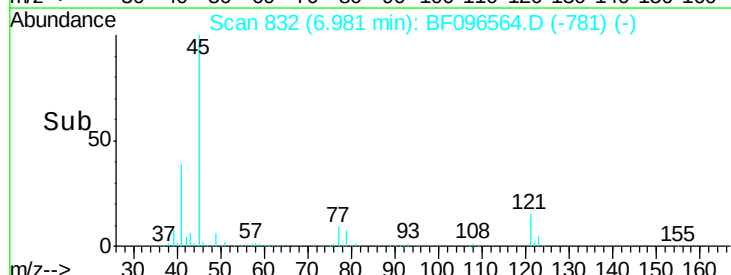
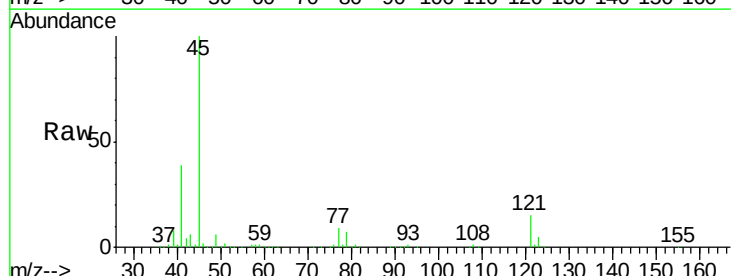
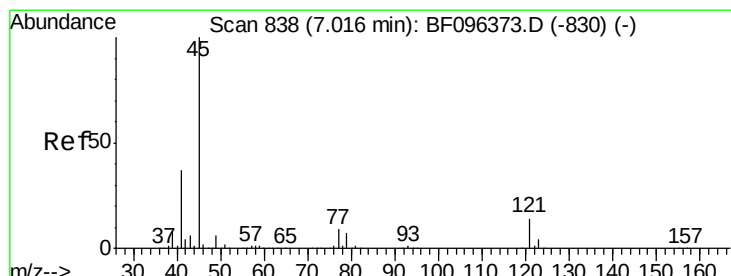
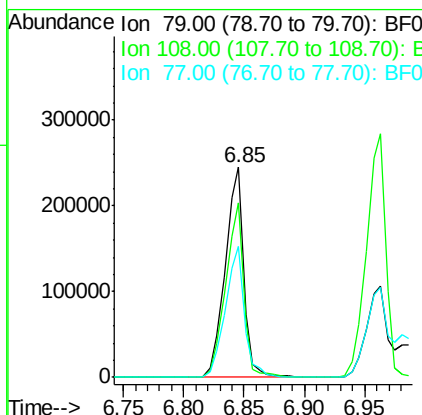
#15
Benzyl Alcohol
Concen: 37.796 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion: 79 Resp: 261532
Ion Ratio Lower Upper
79 100
108 83.0 63.4 95.0
77 62.5 49.2 73.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

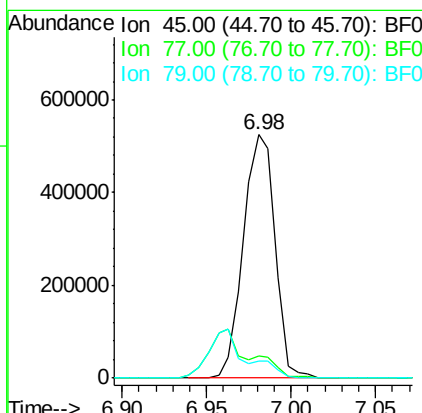
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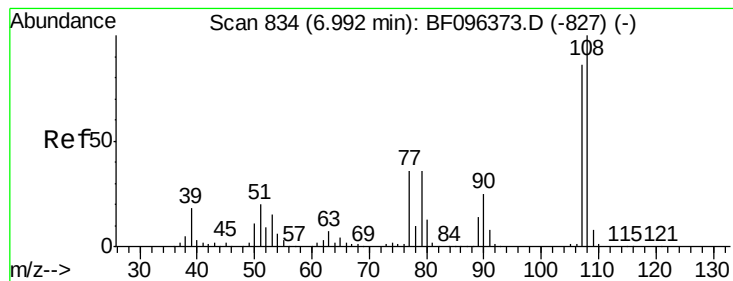
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.065 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion: 45 Resp: 686714
Ion Ratio Lower Upper
45 100
77 9.3 0.0 33.2
79 7.1 0.0 30.0





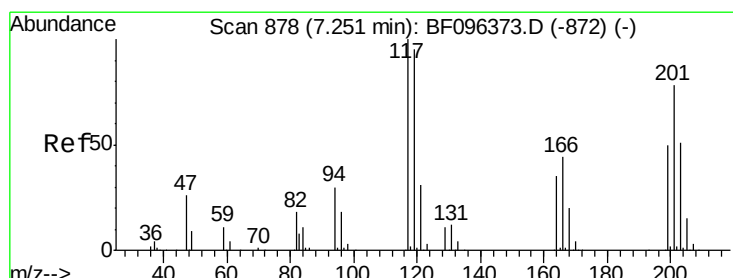
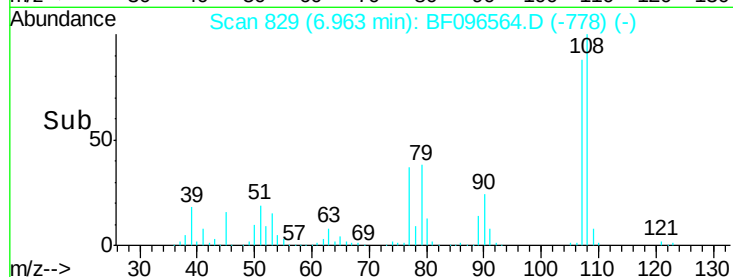
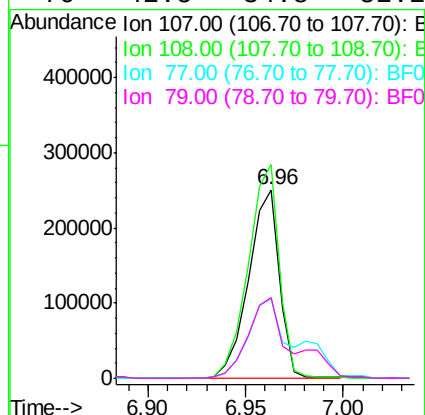
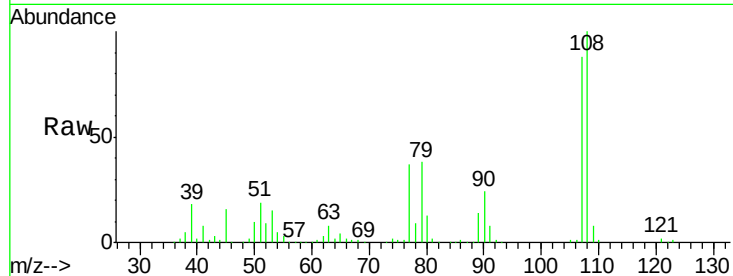
#17
2-Methylphenol
Concen: 38.413 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	274879		
108	113.2	93.4	140.0	
77	41.9	35.8	53.6	
79	42.5	34.8	52.2	

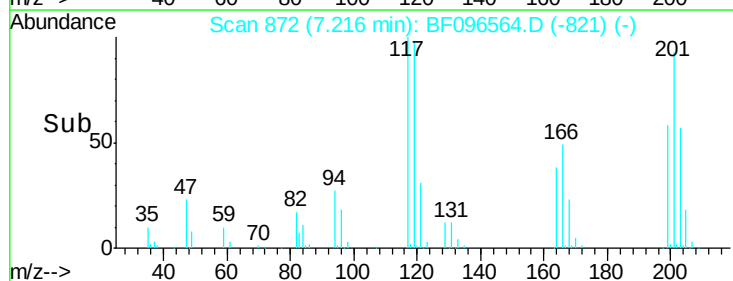
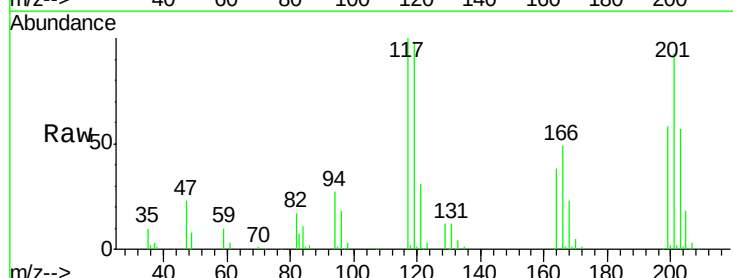
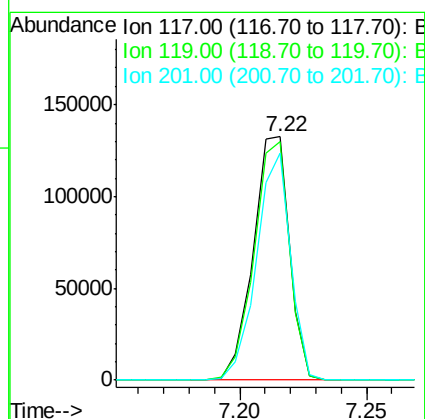
Manual Integrations
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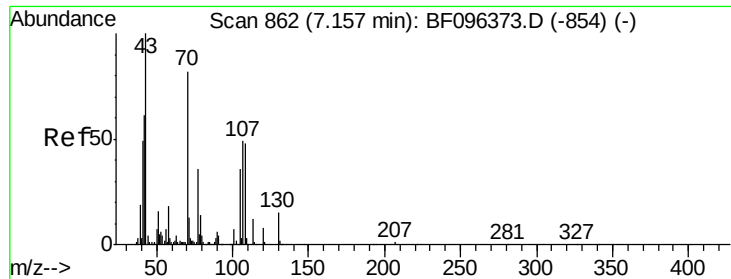
mohammad
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#18
Hexachloroethane
Concen: 38.901 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	132714		
119	98.1	77.4	116.0	
201	93.4	94.6	141.8#	





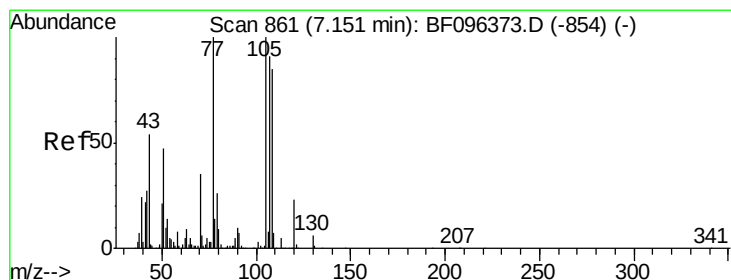
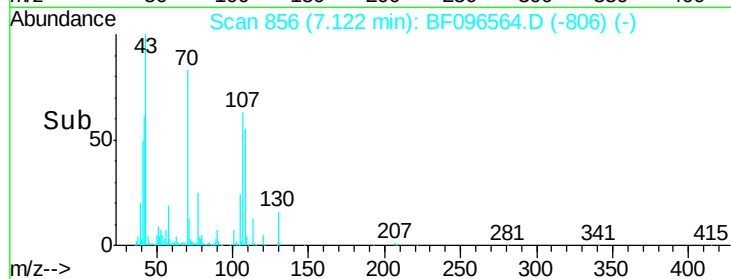
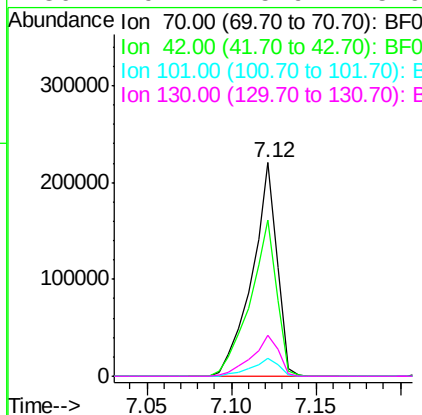
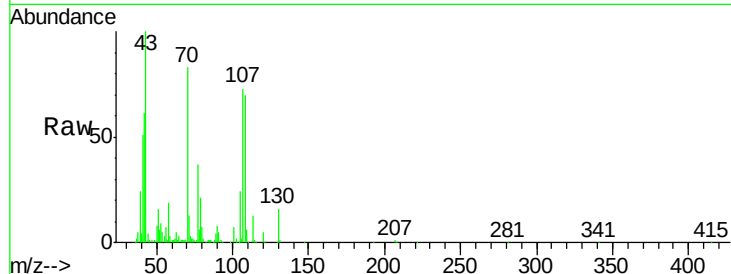
#19
n-Nitroso-di-n-propylamine
Concen: 36.978 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.0	47.2	70.8#
101	8.6	7.2	10.8
130	19.1	15.9	23.9

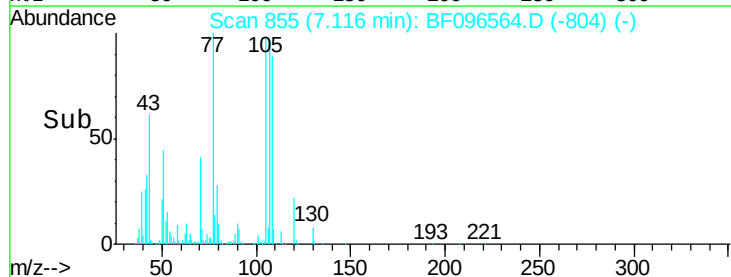
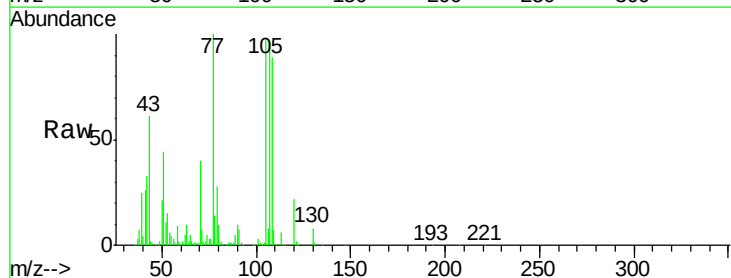
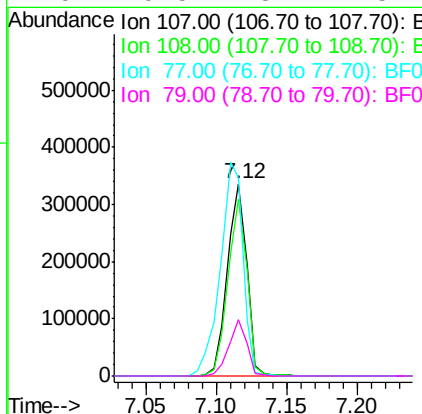
Manual Integrations
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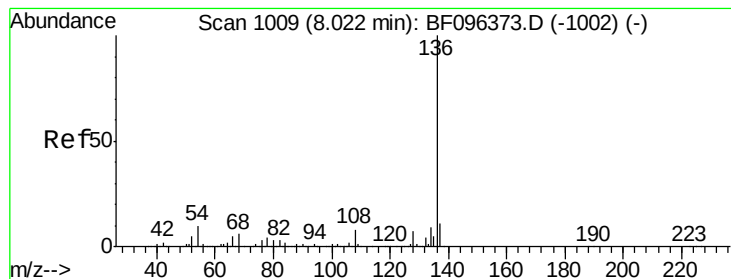
mohammad
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#20
3+4-Methylphenols
Concen: 40.407 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.0	111.0
77	103.6	90.5	130.5
79	29.5	8.4	48.4





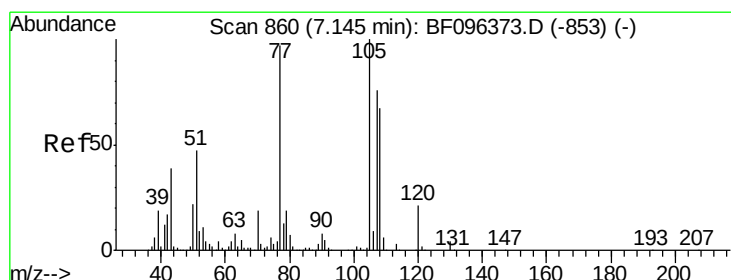
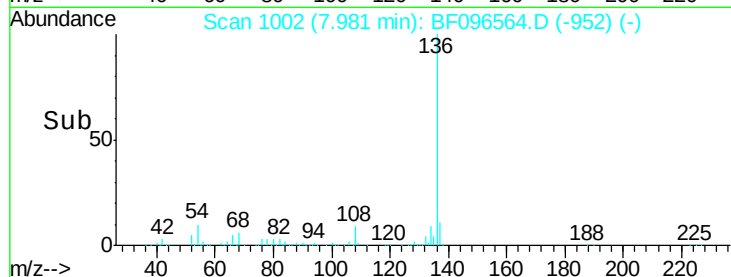
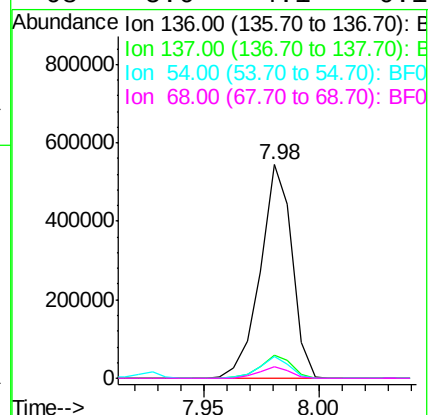
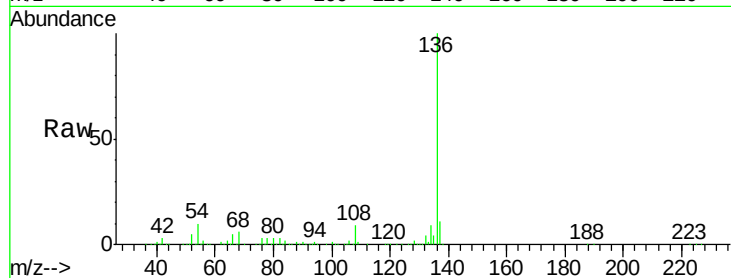
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	521032		
137	11.0	8.5	12.7	
54	10.2	4.9	7.3#	
68	5.6	4.1	6.1	

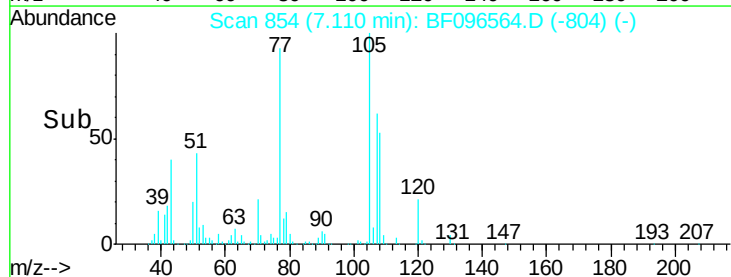
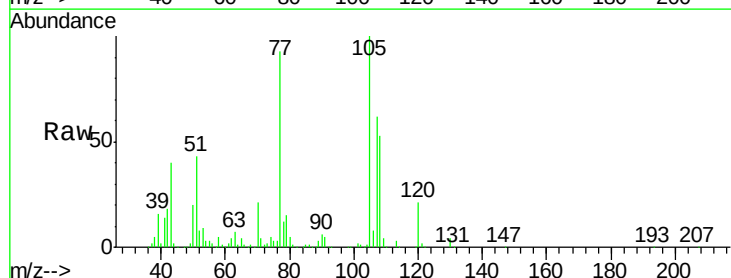
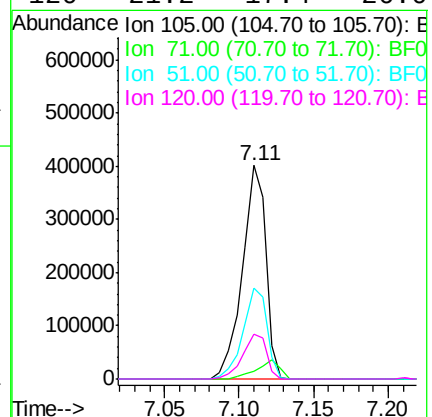
Manual Integrations
APPROVED

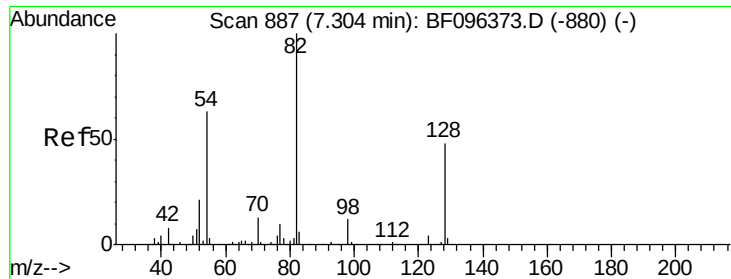
mohammad
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#22
Acetophenone
Concen: 38.630 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	439792		
71	3.6	2.8	4.2	
51	42.7	30.7	46.1	
120	21.2	17.4	26.0	





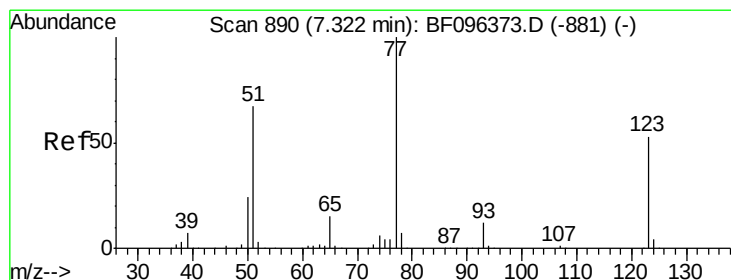
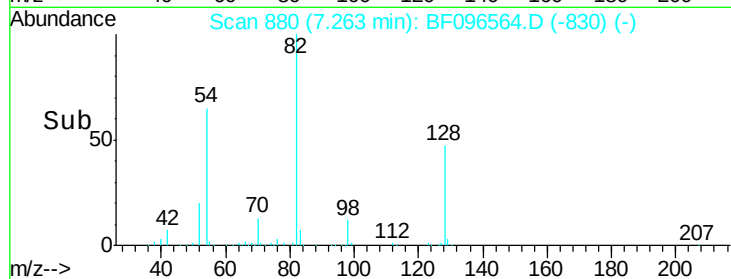
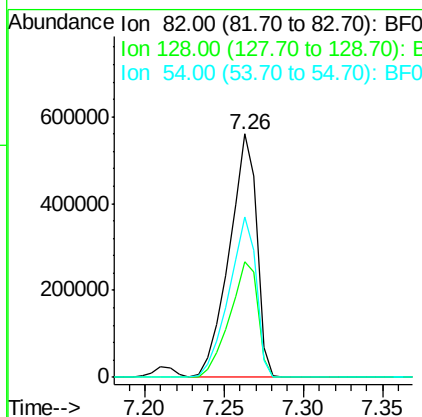
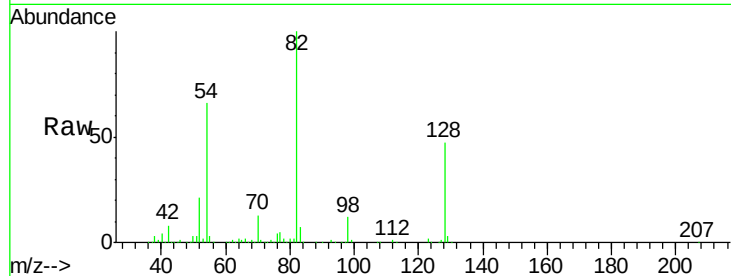
#23
 Nitrobenzene-d5
 Concen: 77.439 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	65.6	42.2	63.2

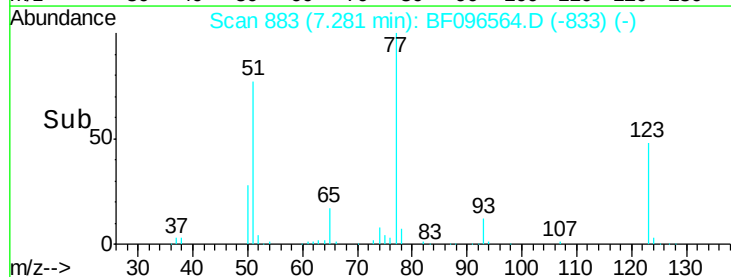
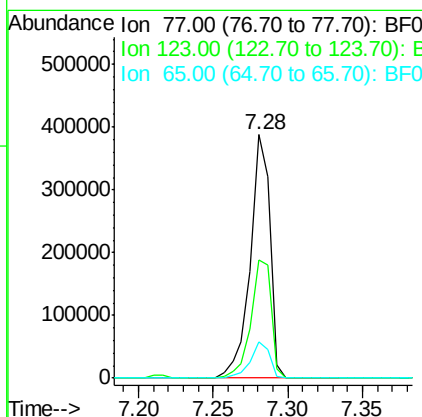
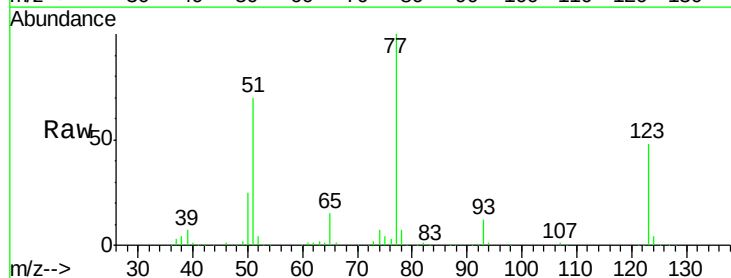
Manual Integrations
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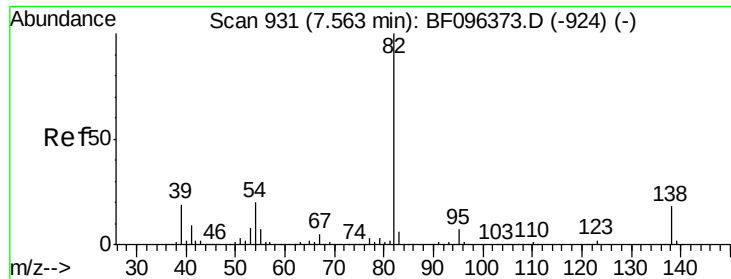
mohammad
 7/10/2017 2:22:29 PM



#24
 Nitrobenzene
 Concen: 38.740 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	35.8	53.8
65	15.1	10.6	15.8





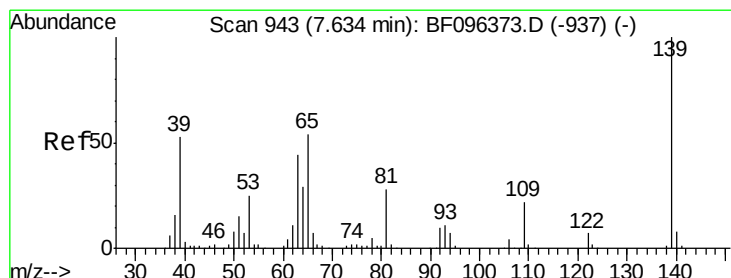
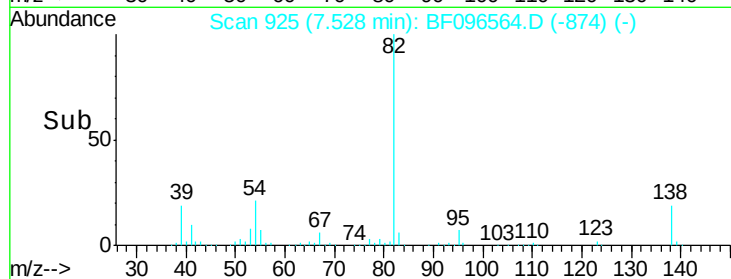
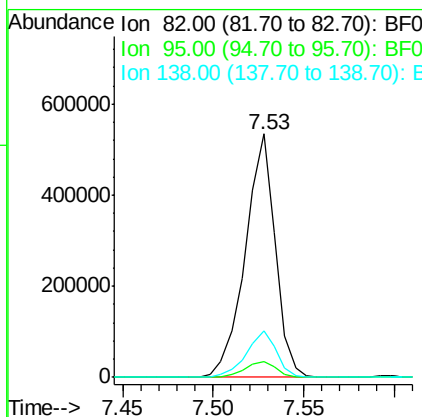
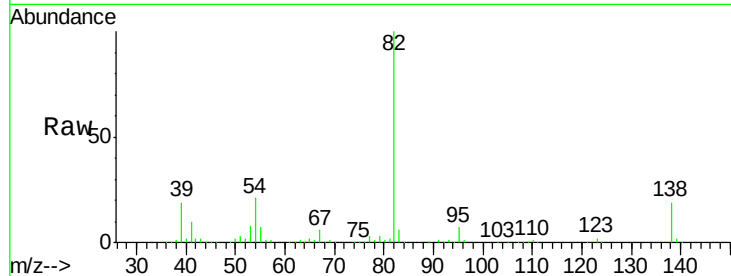
#25
Isophorone
Concen: 36.593 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	615193		
95	6.6	5.3	7.9	
138	19.3	13.1	19.7	

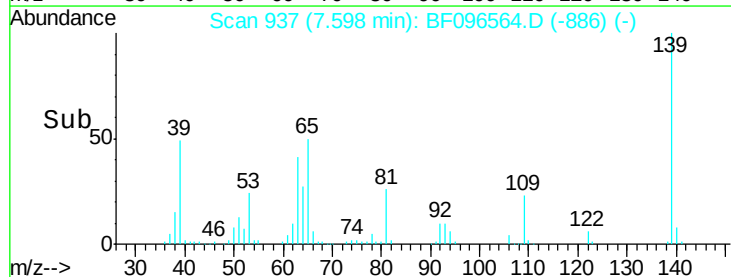
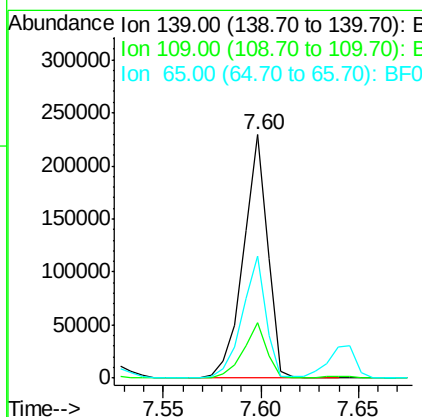
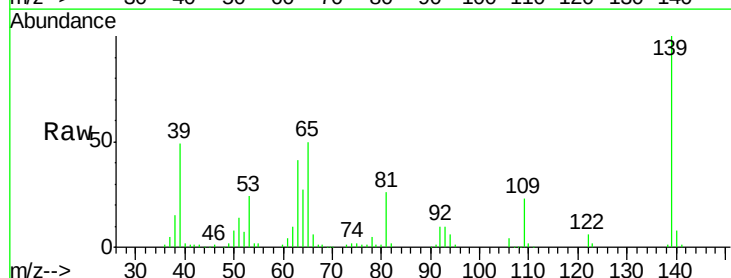
Manual Integrations
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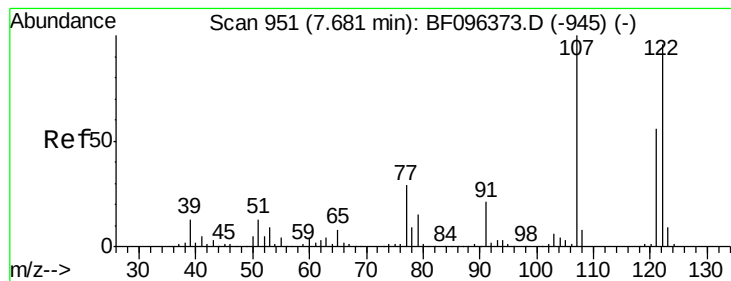
mohammad
7/10/2017 2:22:29 PM



#26
2-Nitrophenol
Concen: 40.968 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197242		
109	22.9	21.0	31.6	
65	50.3	33.0	49.6	





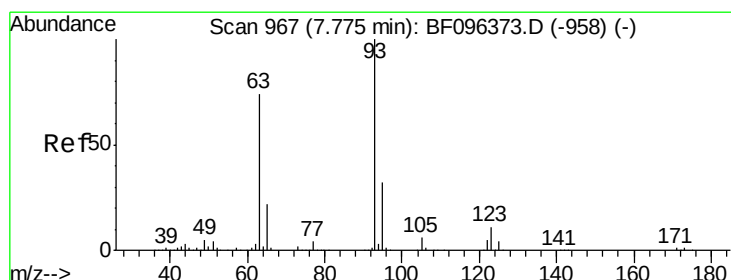
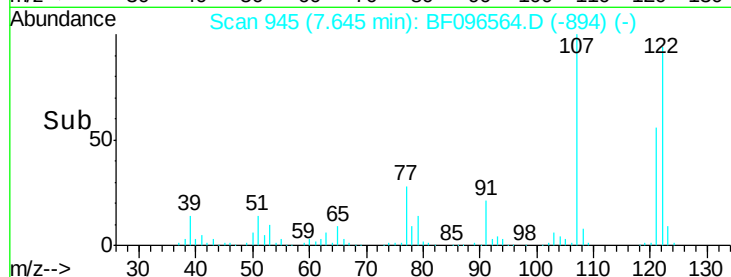
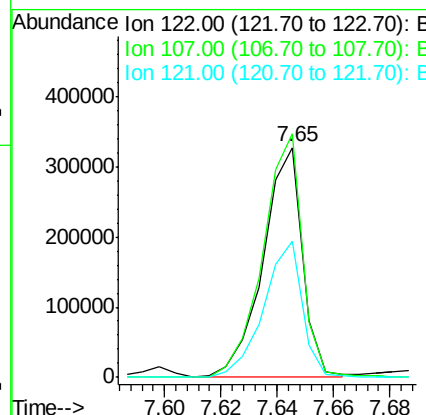
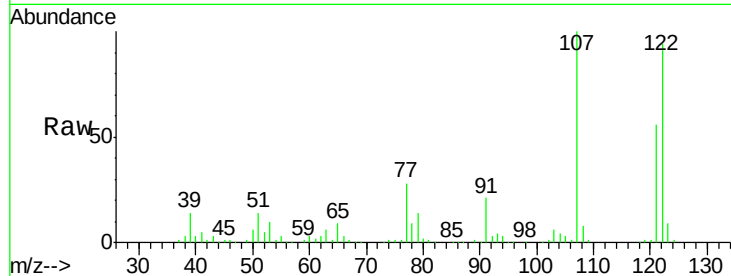
#27
 2,4-Dimethylphenol
 Concen: 38.589 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	316343		
107	106.1	89.2	133.8	
121	59.3	45.2	67.8	

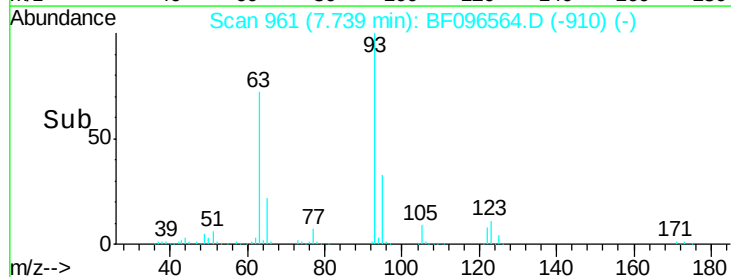
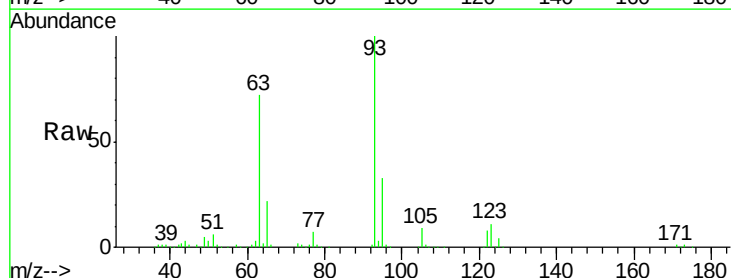
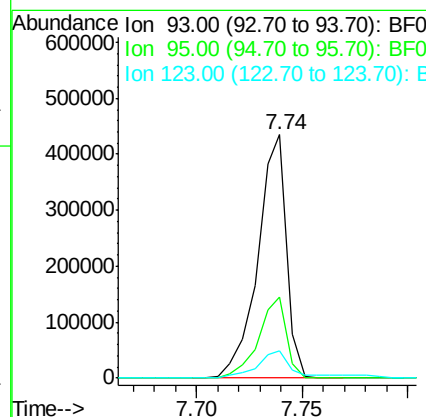
Manual Integrations
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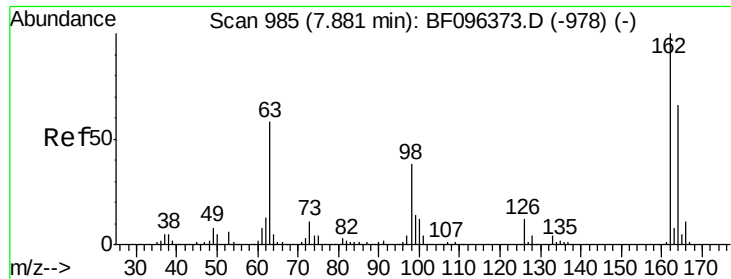
mohammad
 7/10/2017 2:22:29 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.004 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	410664		
95	33.2	26.5	39.7	
123	11.4	9.0	13.4	





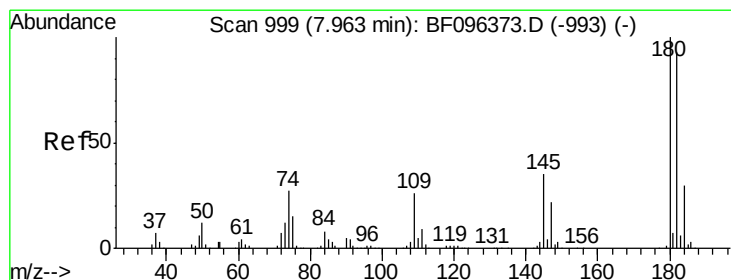
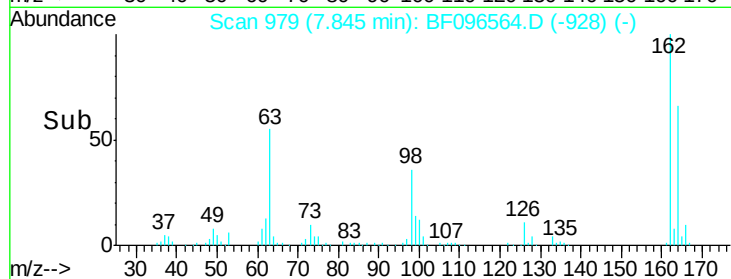
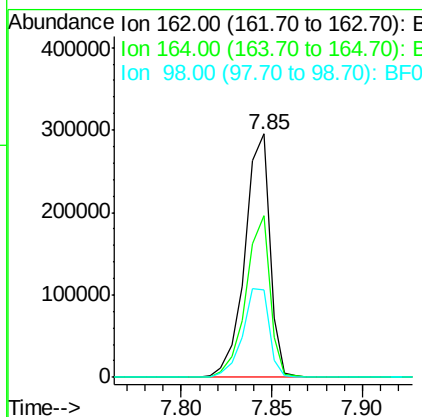
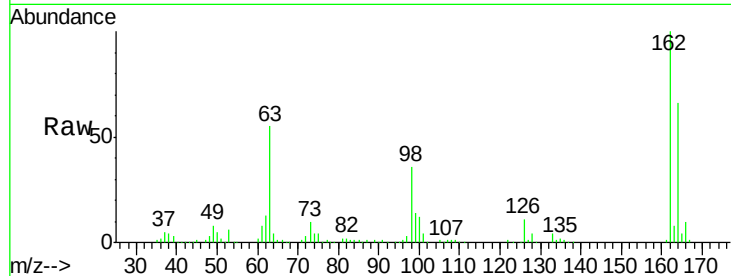
#29
2,4-Dichlorophenol
Concen: 40.051 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.5	44.6	84.6
98	35.9	14.8	54.8

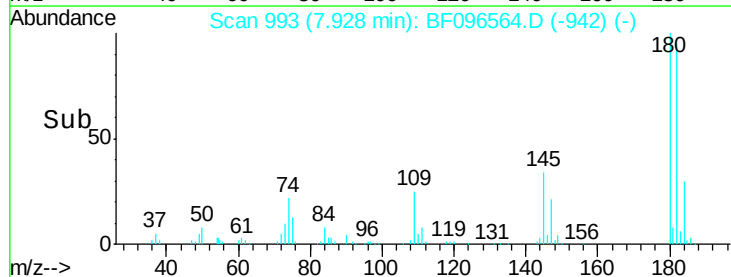
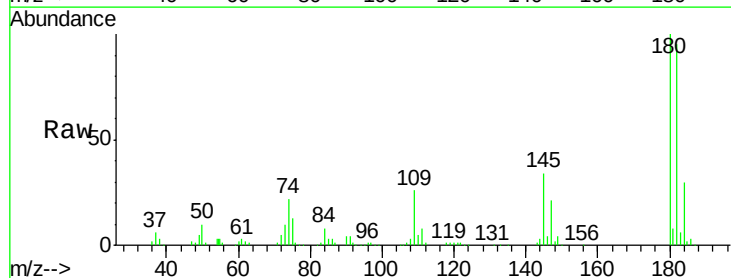
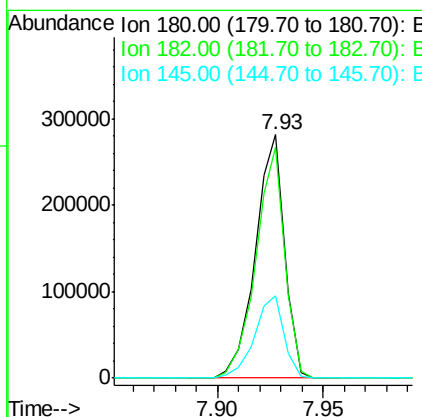
Manual Integrations
APPROVED

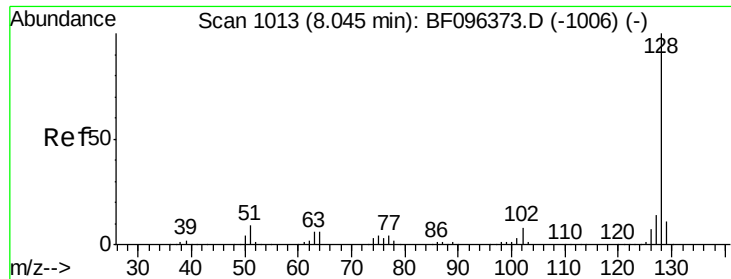
mohammad
7/10/2017 2:22:29 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.511 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	75.8	113.6
145	33.8	25.3	37.9





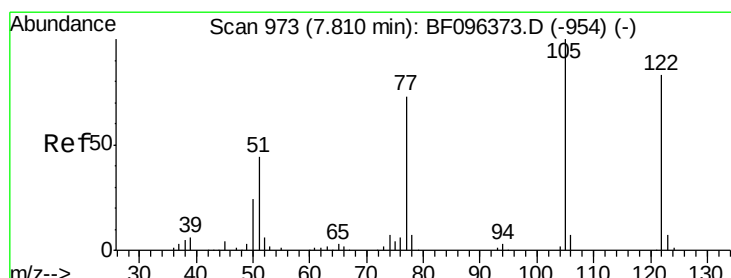
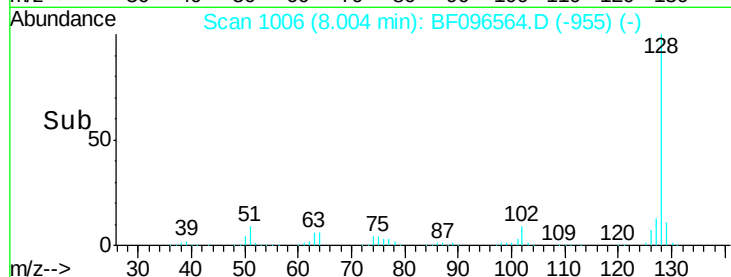
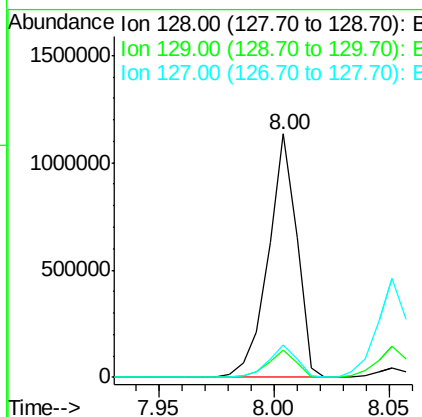
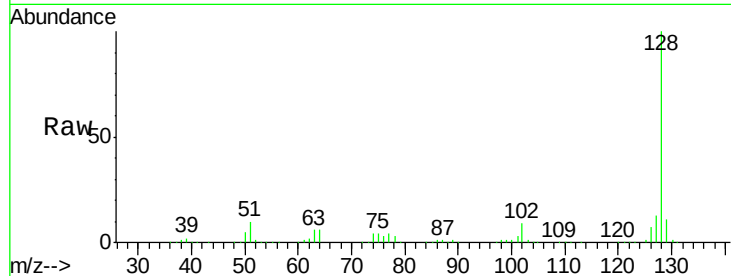
#31
Naphthalene
Concen: 39.536 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	972479		
129	11.1	9.0	13.6	
127	13.2	10.8	16.2	

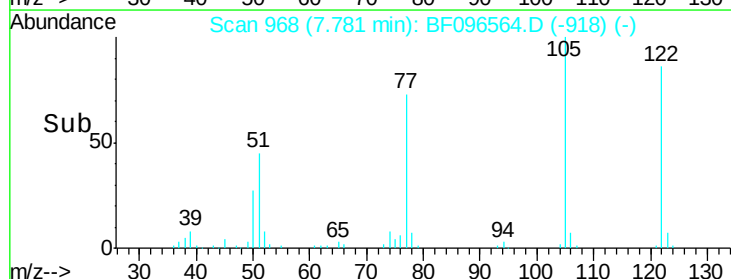
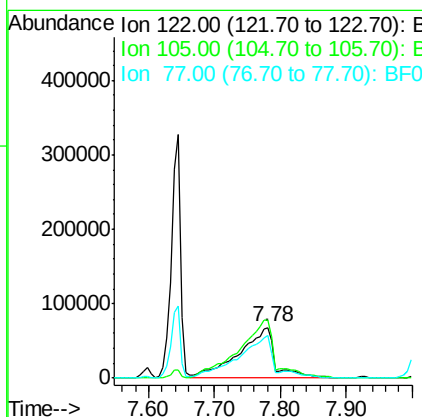
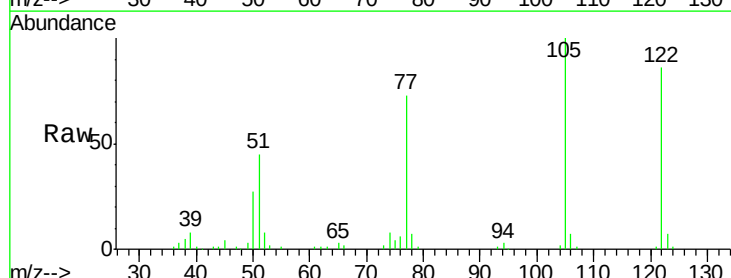
Manual Integrations
APPROVED

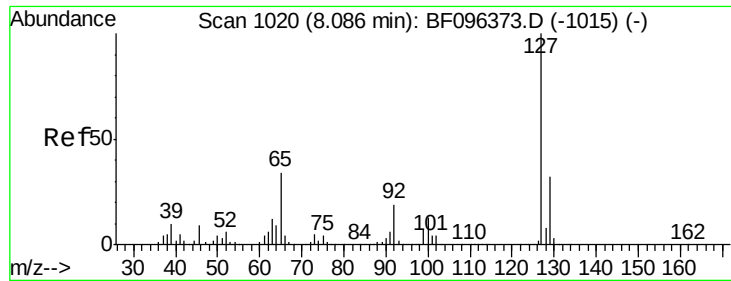
mohammad
7/10/2017 2:22:29 PM



#32
Benzoic acid
Concen: 38.189 ng m
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	262928		
105	115.9	103.3	143.3	
77	84.3	73.7	113.7	





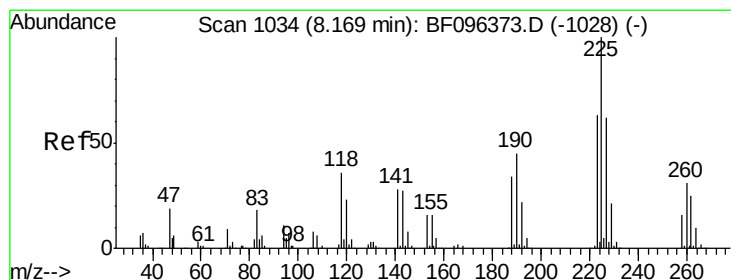
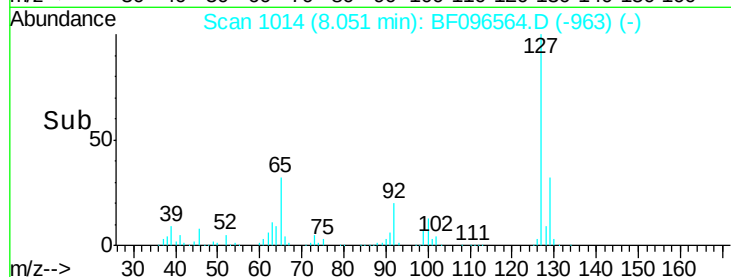
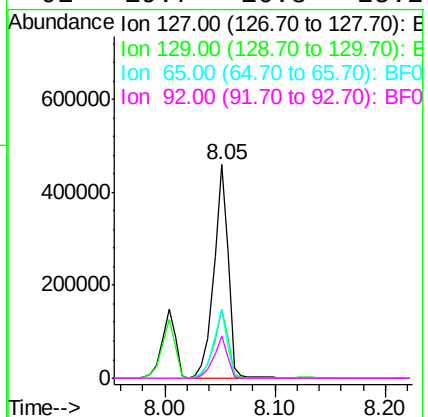
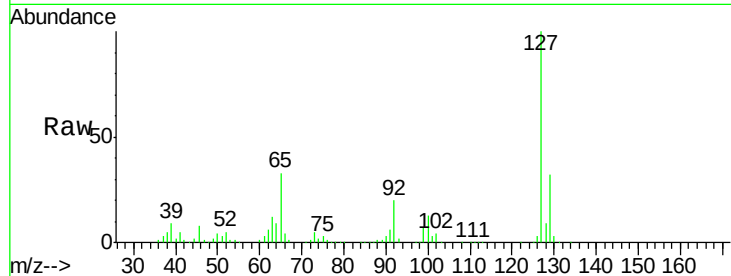
#33
4-Chloroaniline
Concen: 39.711 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	405729		
129	32.1	26.2	39.2	
65	32.6	27.8	41.8	
92	19.7	16.8	25.2	

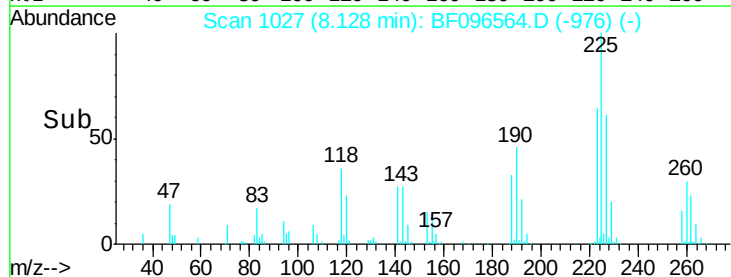
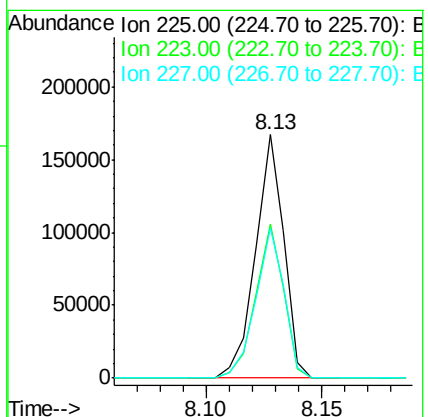
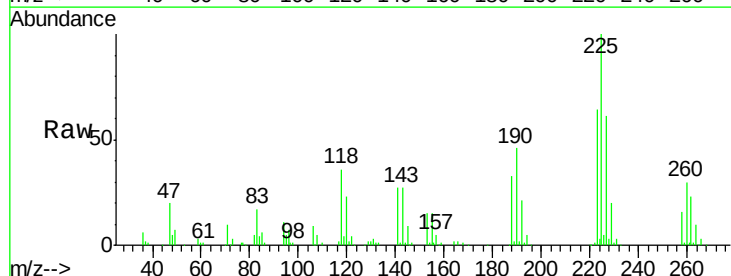
Manual Integrations
APPROVED

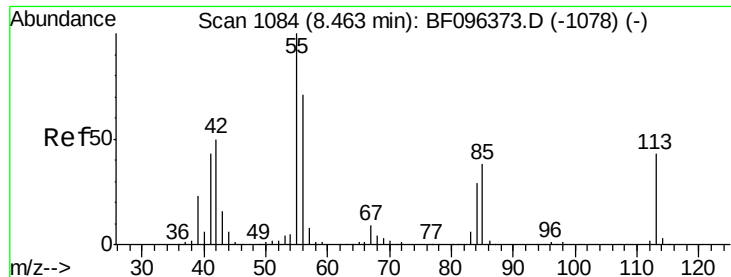
mohammad
7/10/2017 2:22:29 PM



#34
Hexachlorobutadiene
Concen: 41.766 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142927		
223	63.5	48.8	73.2	
227	61.5	51.1	76.7	





#35

Caprolactam

Concen: 37.762 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 92102

Ion Ratio Lower Upper

113 100

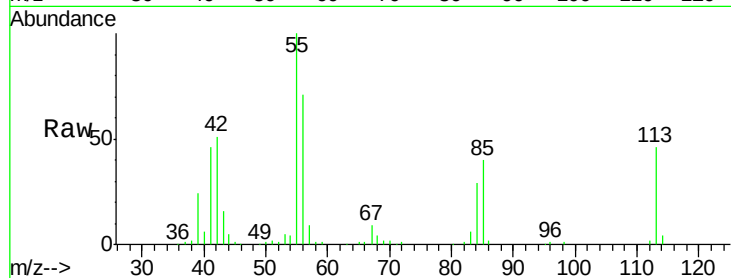
55 219.1 150.2 190.2#

56 156.6 107.8 147.8#

Manual Integrations
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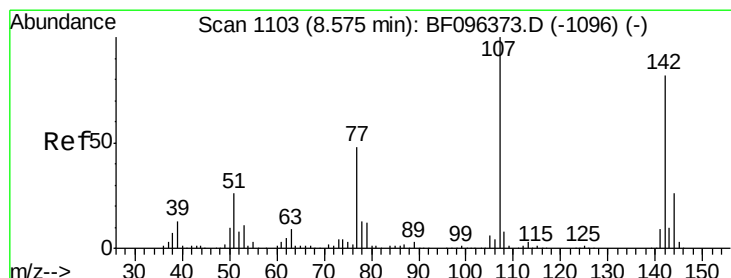
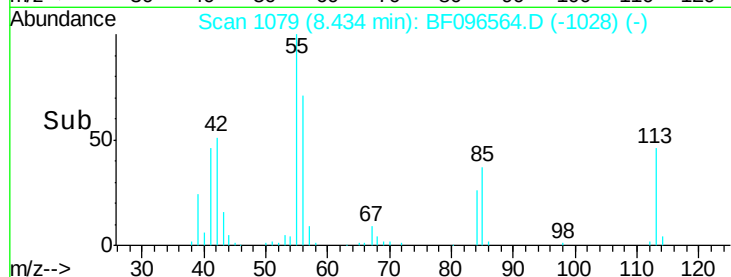
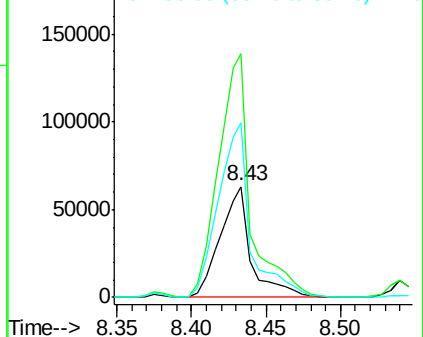
7/10/2017 2:22:29 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.715 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

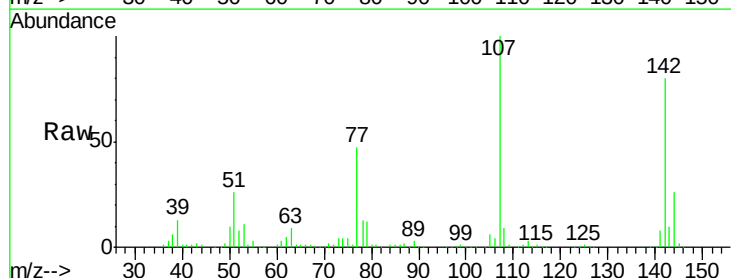
Tgt Ion:107 Resp: 310820

Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

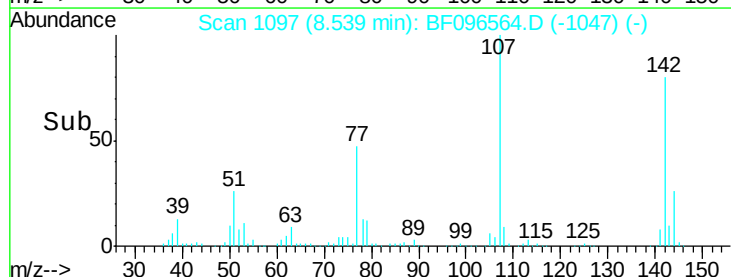
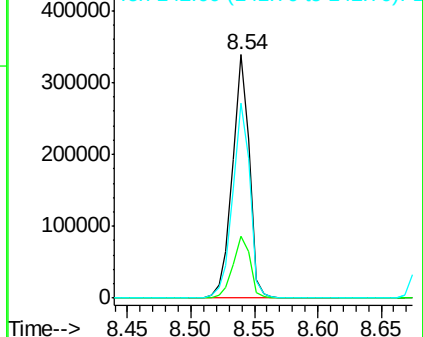
142 80.2 73.4 110.0

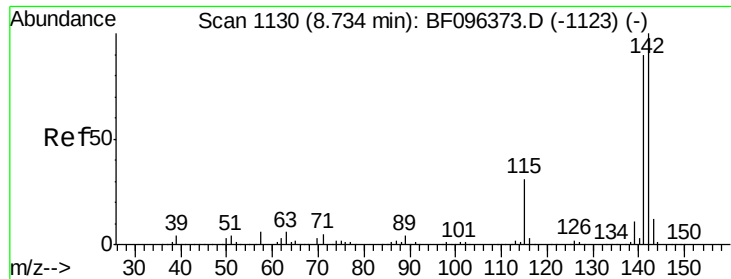


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





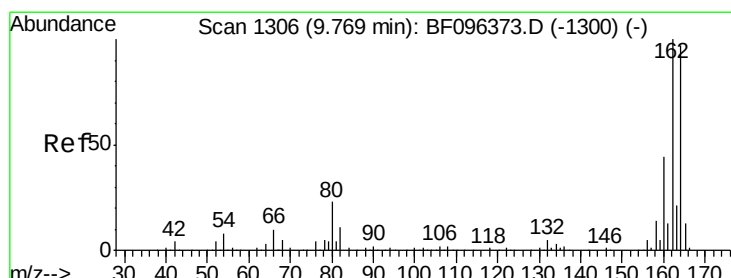
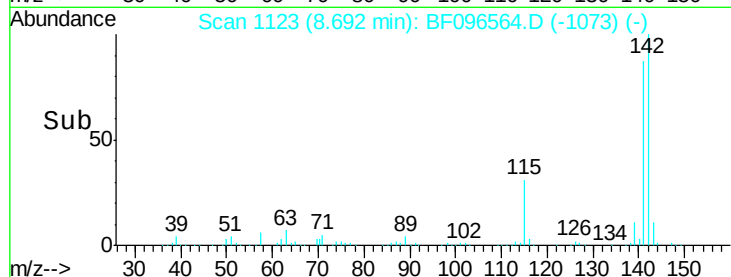
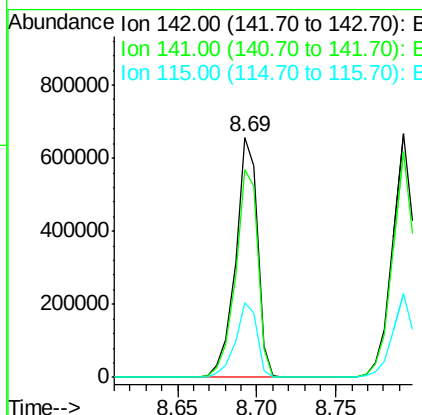
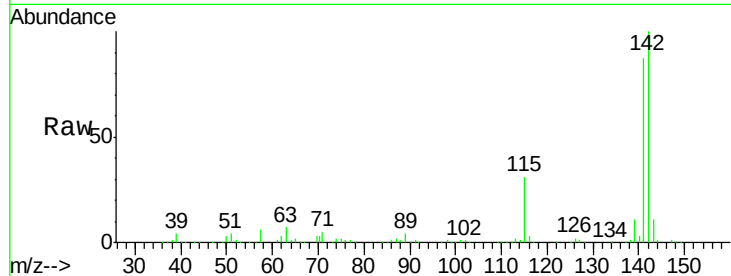
#37
 2-Methylnaphthalene
 Concen: 40.184 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.3	106.9
115	31.3	27.1	40.7

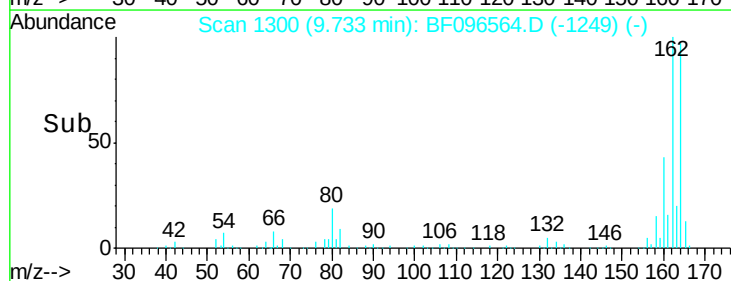
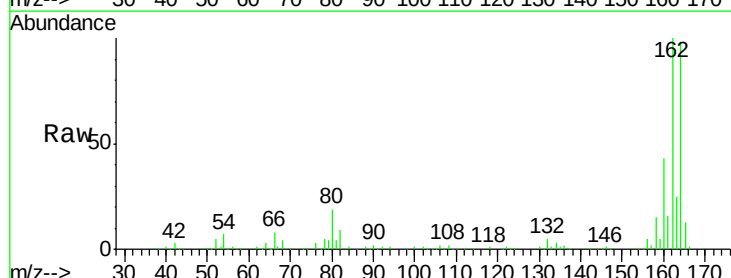
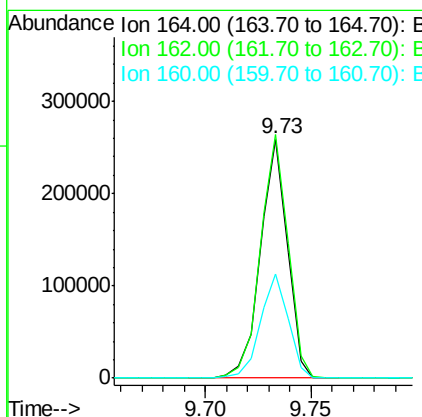
Manual Integrations
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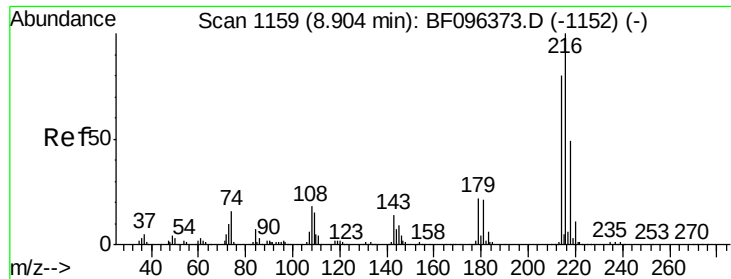
mohammad
 7/10/2017 2:22:29 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	43.6	36.2	54.2





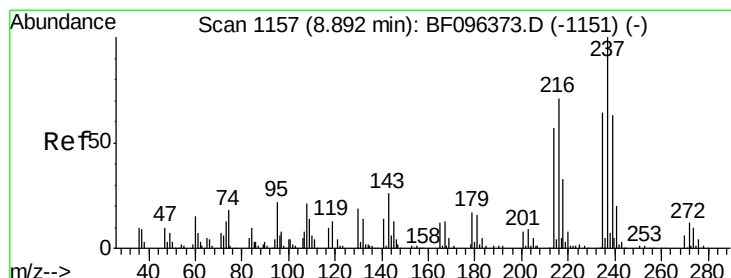
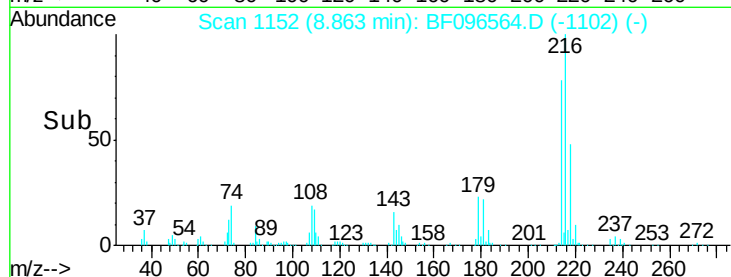
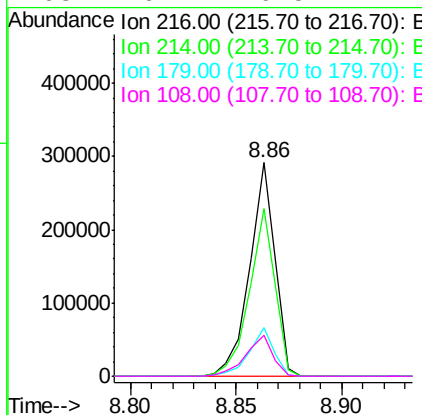
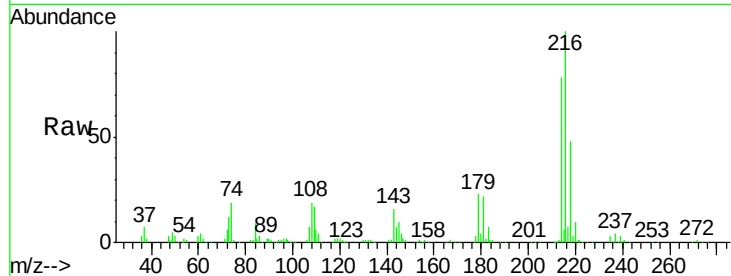
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.895 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	244807		
214	78.7	63.4	95.2	
179	22.1	17.9	26.9	
108	20.2	16.5	24.7	

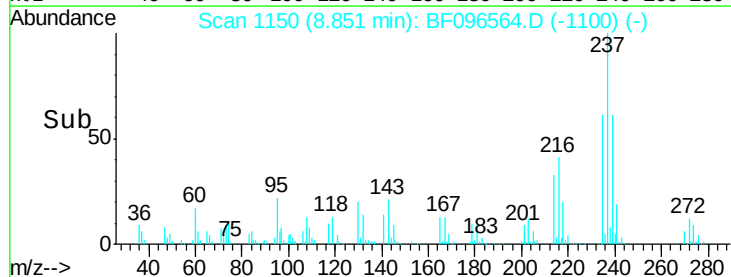
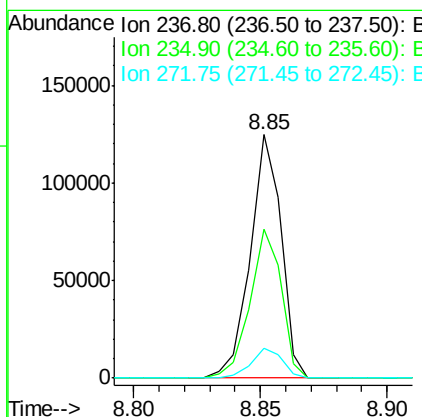
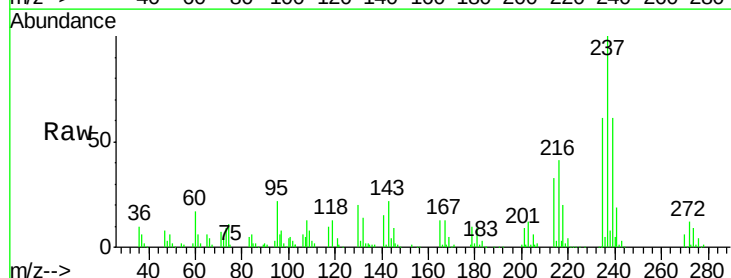
Manual Integrations
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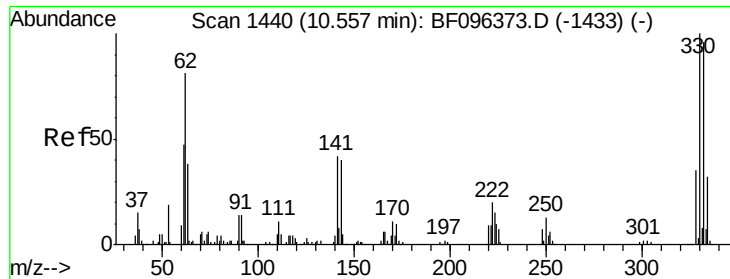
mohammad
 7/10/2017 2:22:29 PM



#40
 Hexachlorocyclopentadiene
 Concen: 36.486 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	106199		
235	61.4	42.6	82.6	
272	12.3	0.0	31.9	





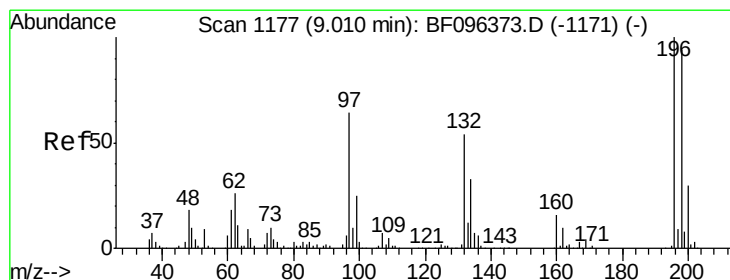
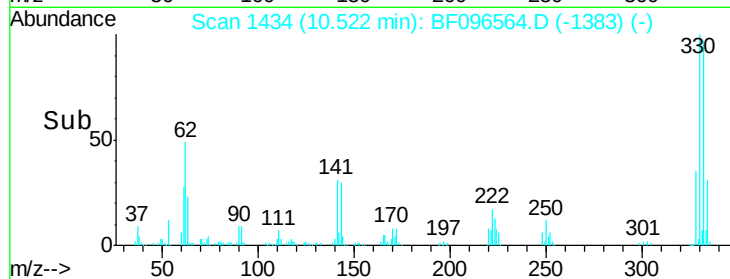
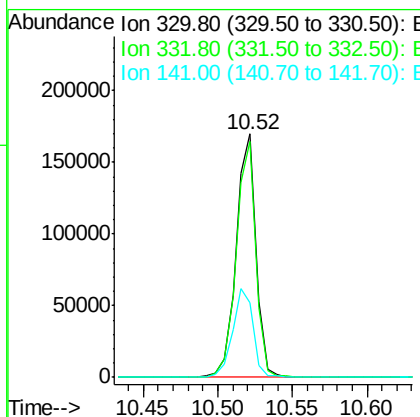
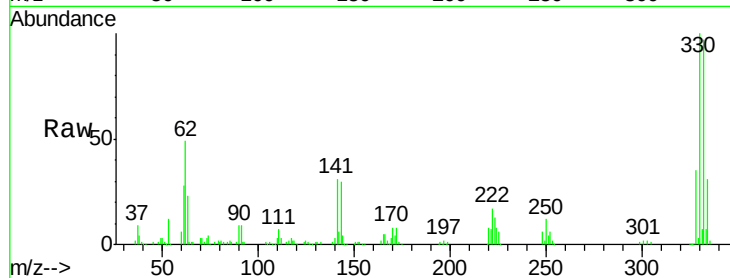
#41
 2,4,6-Tribromophenol
 Concen: 87.893 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	158282		
332	95.8	76.6	115.0	
141	38.0	31.4	47.2	

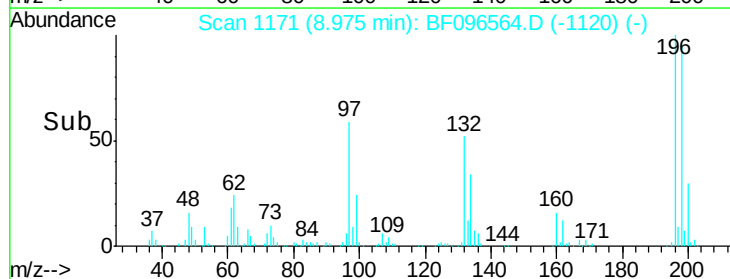
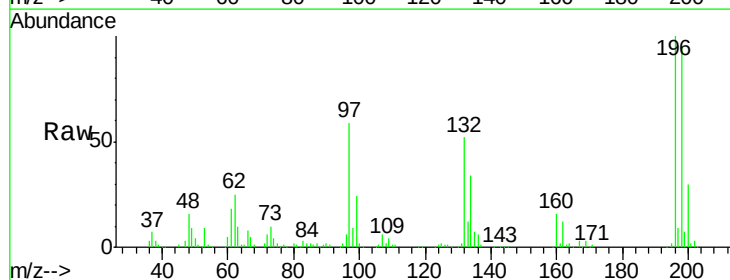
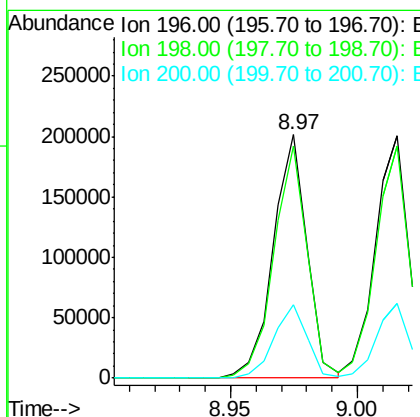
Manual Integrations
 APPROVED

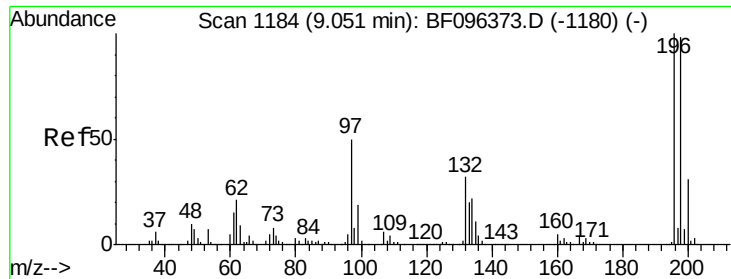
mohammad
 7/10/2017 2:22:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.208 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185673		
198	95.5	74.2	111.4	
200	30.3	24.0	36.0	





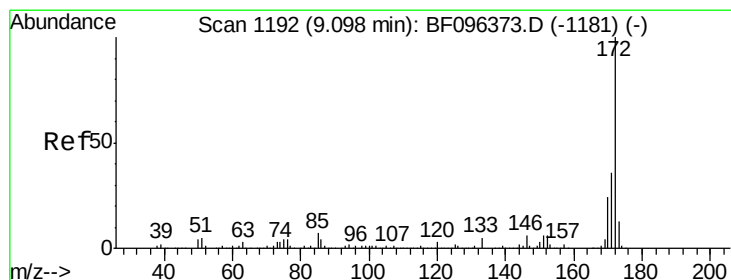
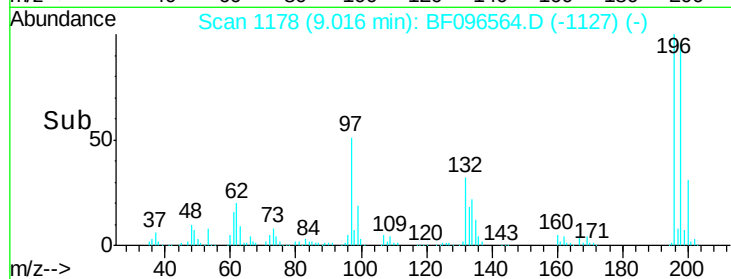
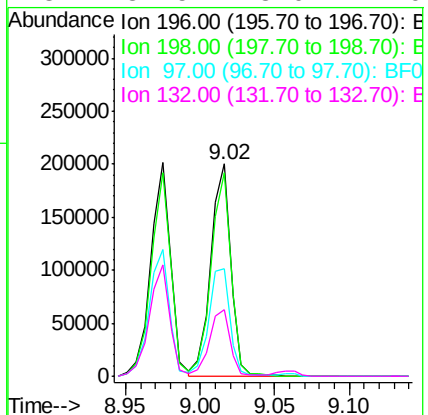
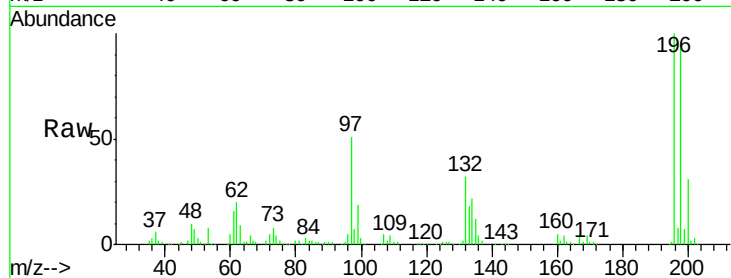
#43
 2,4,5-Trichlorophenol
 Concen: 39.890 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186776		
198	95.8	75.7	113.5	
97	50.6	47.7	71.5	
132	31.5	28.0	42.0	

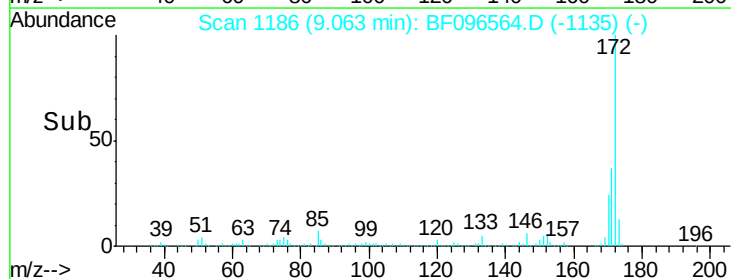
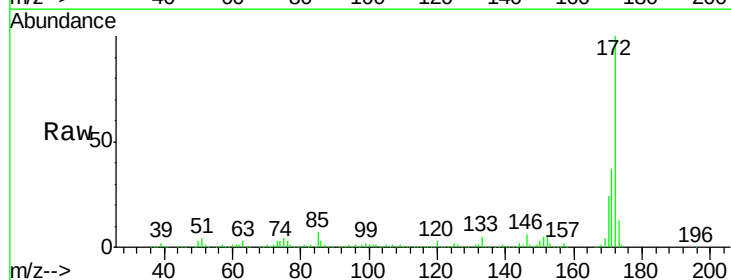
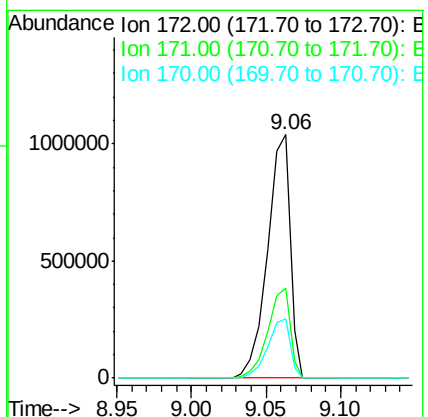
Manual Integrations
 APPROVED

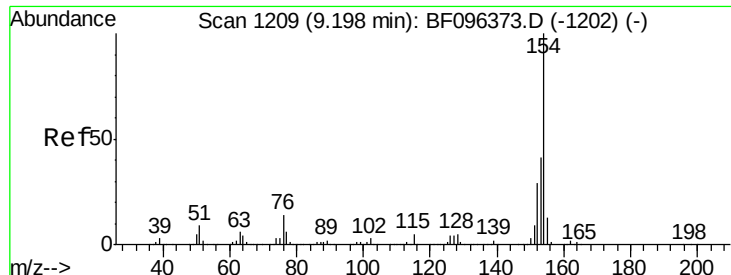
mohammad
 7/10/2017 2:22:29 PM



#44
 2-Fluorobiphenyl
 Concen: 80.908 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1090964		
171	36.8	29.6	44.4	
170	24.5	19.8	29.8	





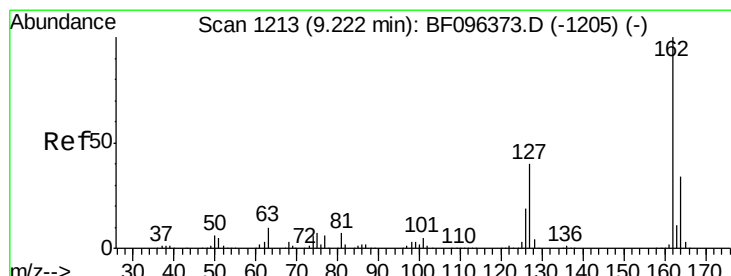
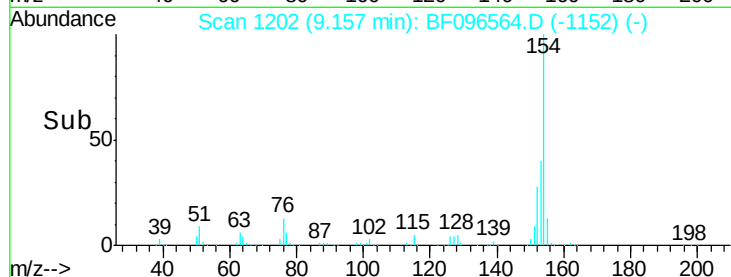
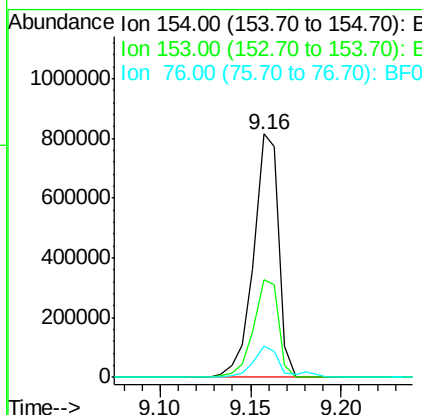
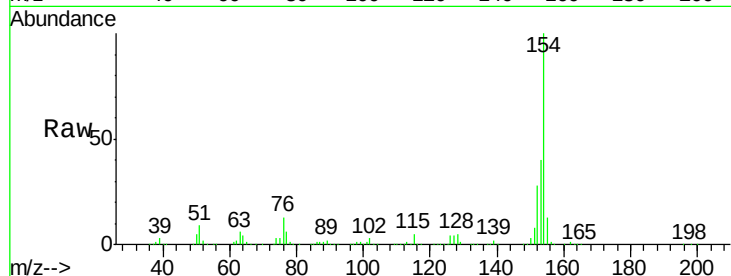
#45
 1,1'-Biphenyl
 Concen: 39.597 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	13.0	0.0	29.9

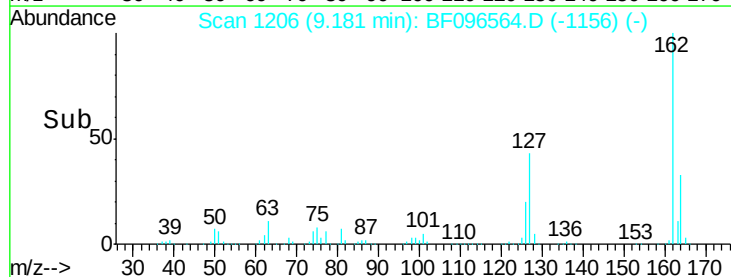
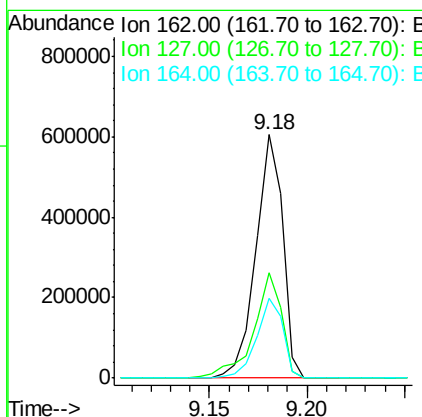
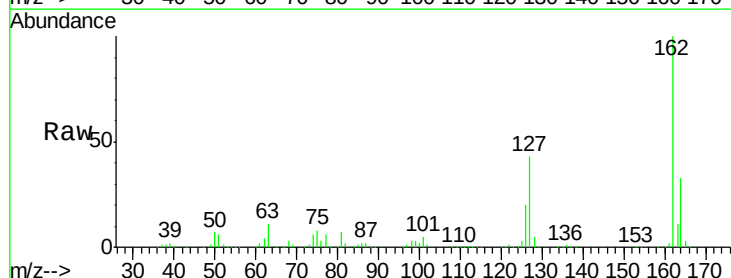
Manual Integrations
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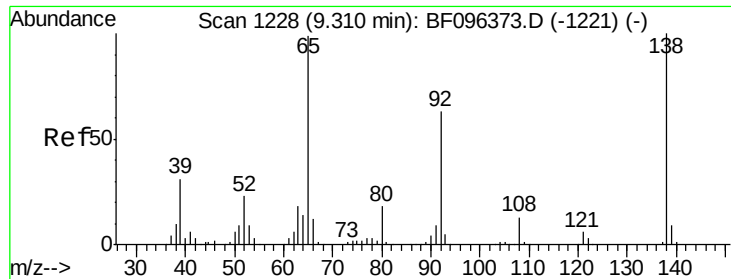
mohammad
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#46
 2-Chloronaphthalene
 Concen: 39.272 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.3	28.3	42.5#
164	32.7	27.0	40.4





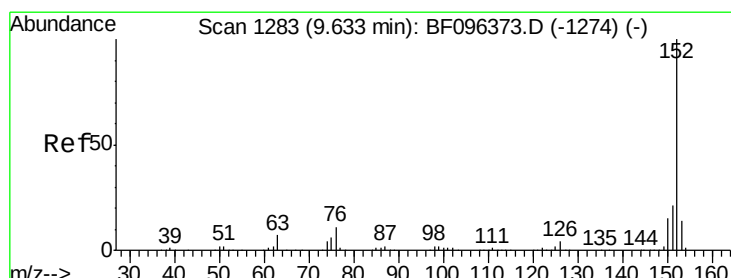
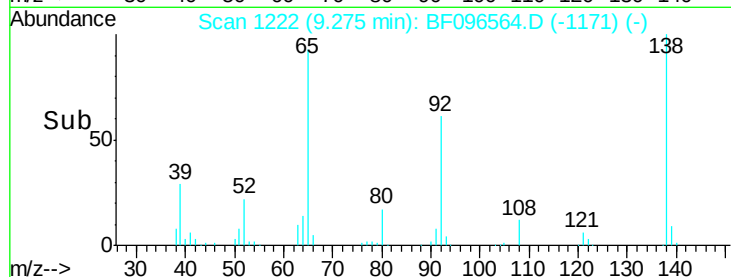
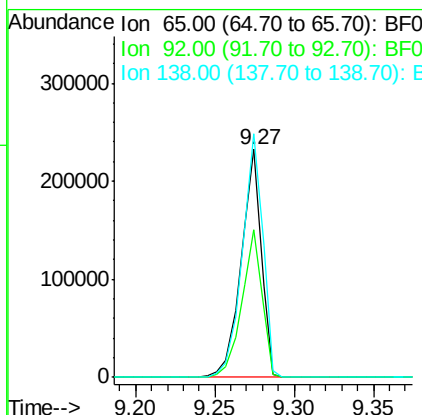
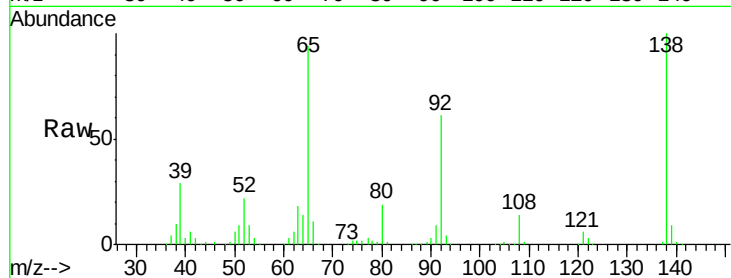
#47
2-Nitroaniline
Concen: 38.119 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.9	80.9
138	106.7	78.8	118.2

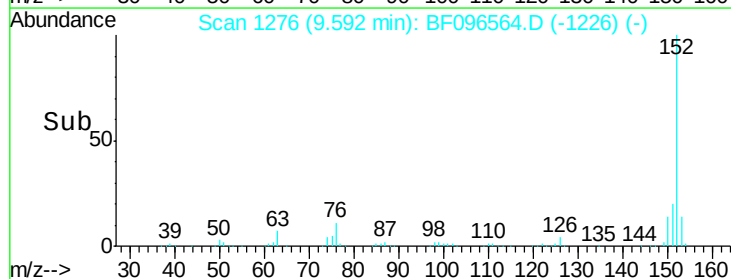
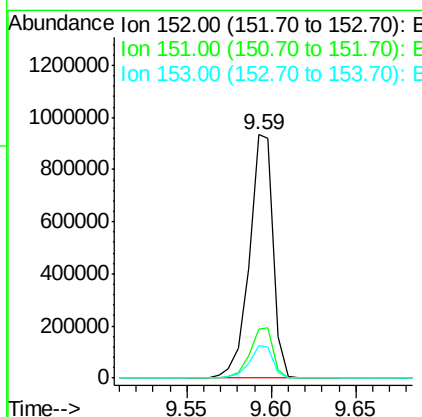
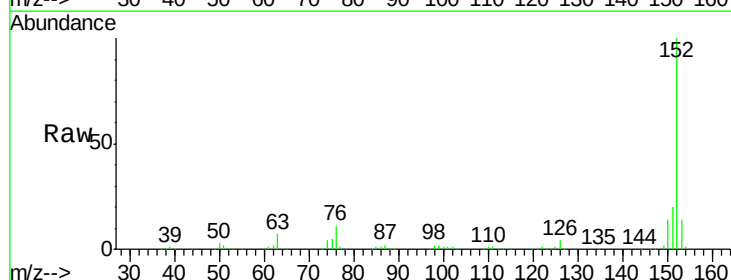
Manual Integrations
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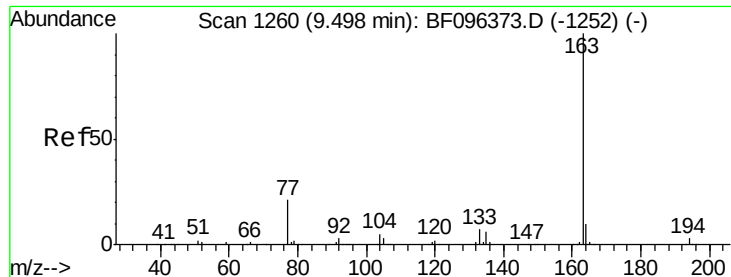
mohammad
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#48
Acenaphthylene
Concen: 39.416 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.5	10.8	16.2





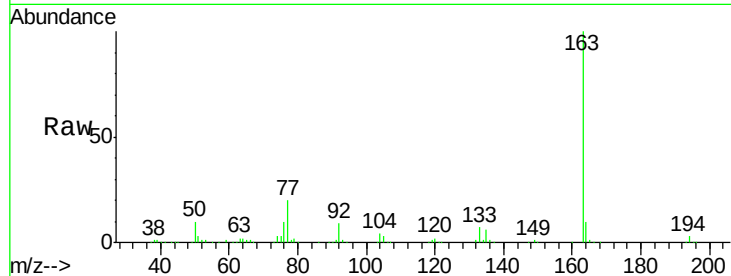
#49
Dimethylphthalate
Concen: 38.723 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

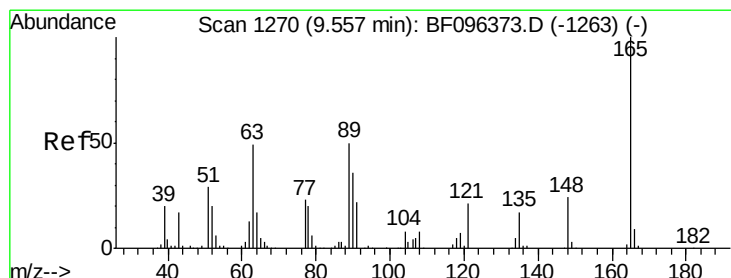
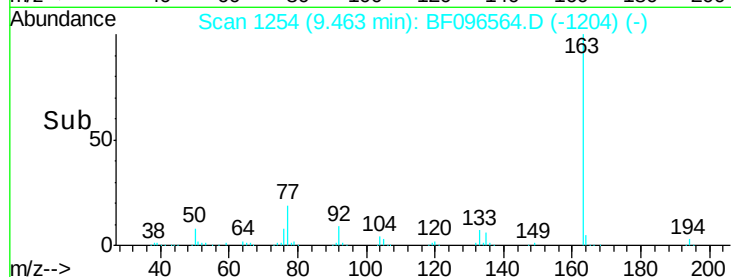
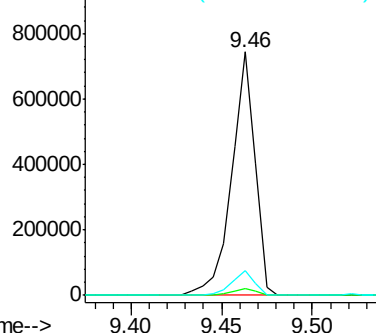
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	10.4	8.4	12.6

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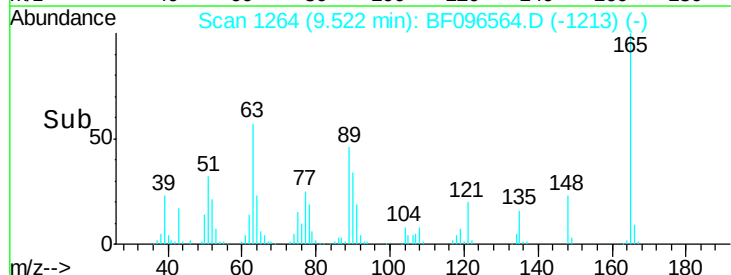
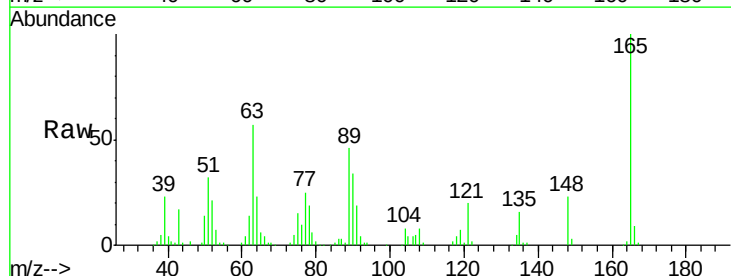
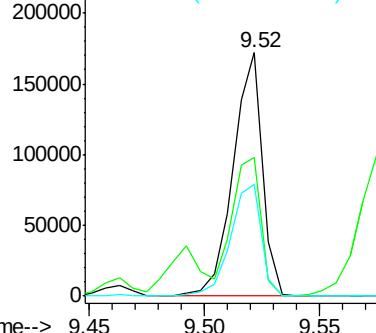
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

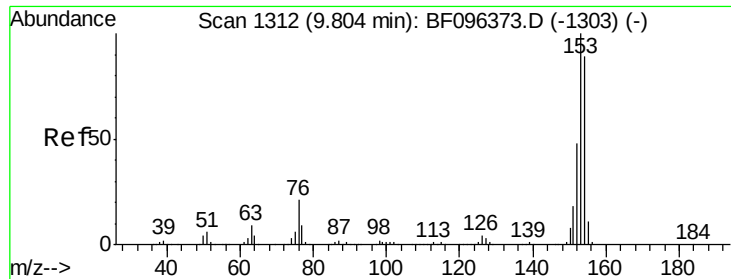


#50
2,6-Dinitrotoluene
Concen: 39.834 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.8	34.3	51.5#
89	46.2	37.1	55.7

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





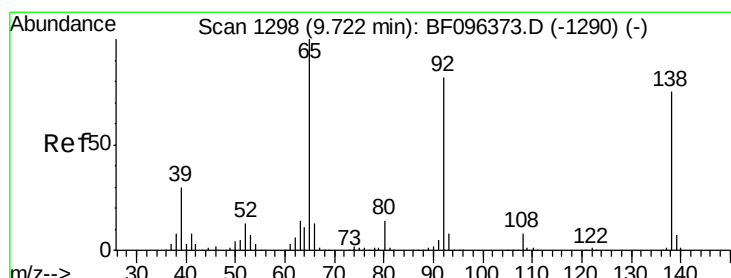
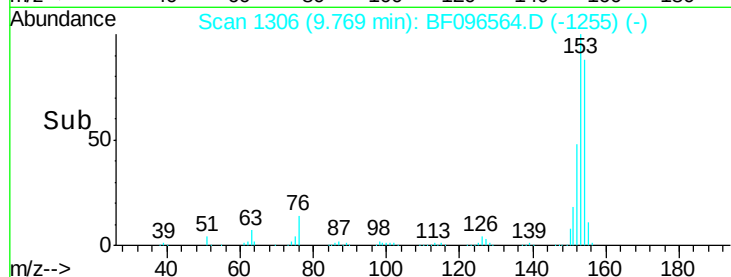
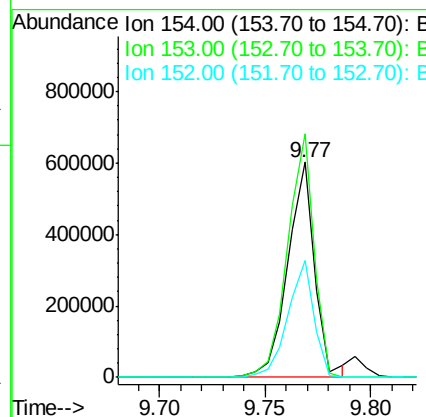
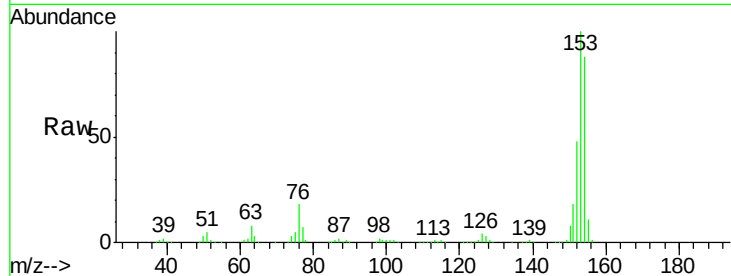
#51
Acenaphthene
Concen: 37.337 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 536848
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 54.4 43.6 65.4

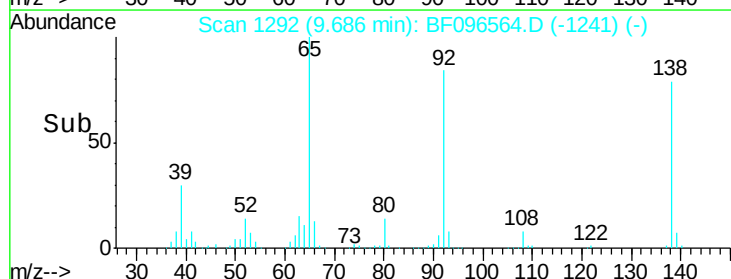
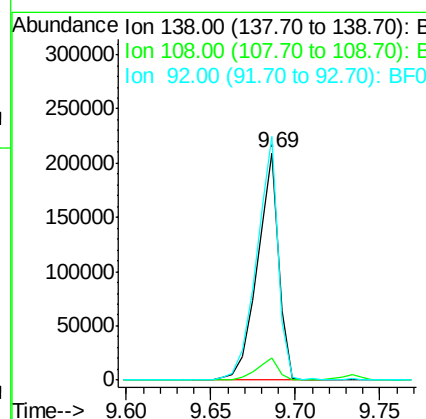
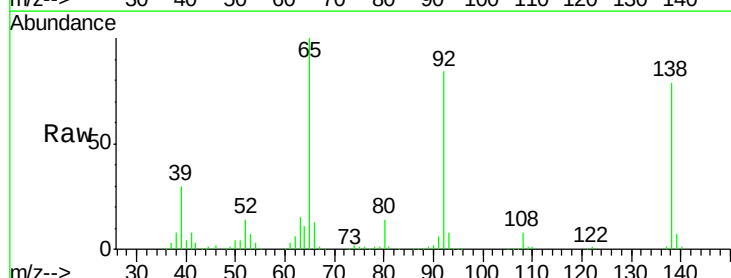
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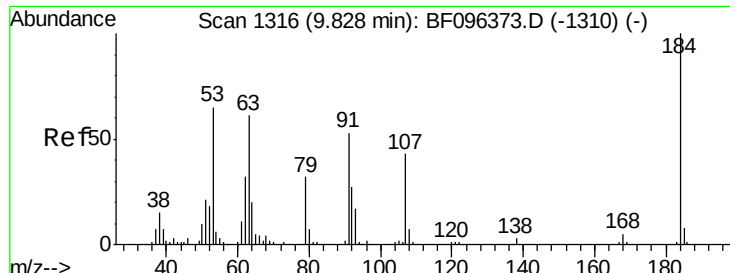
mohammad
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#52
3-Nitroaniline
Concen: 39.188 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:138 Resp: 186020
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 107.1 93.8 140.6





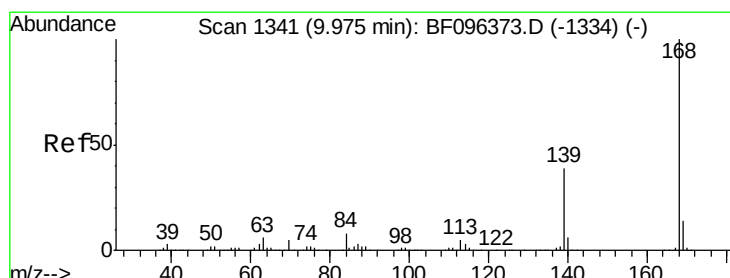
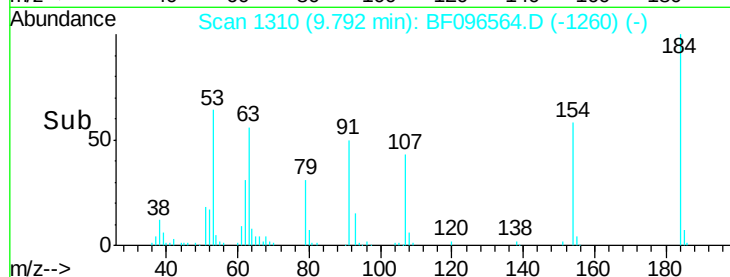
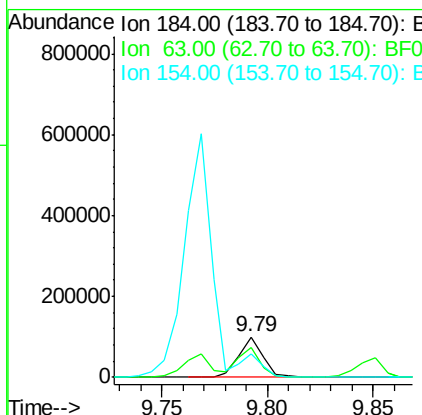
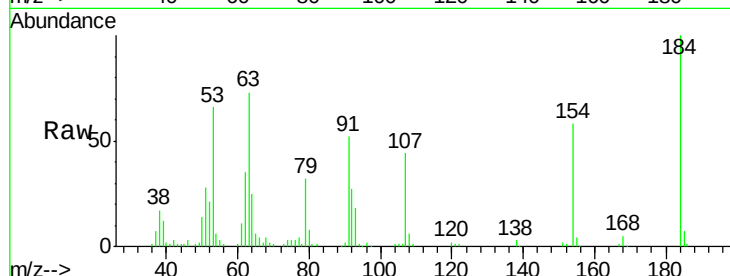
#53
2,4-Dinitrophenol
Concen: 39.710 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	80271		
63	73.3	62.7	94.1	
154	58.0	81.1	121.7#	

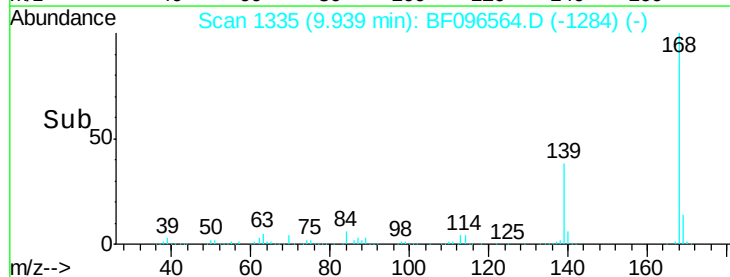
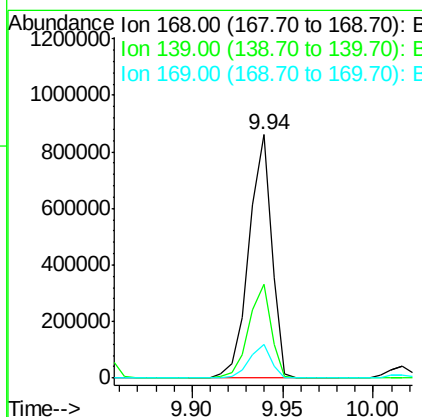
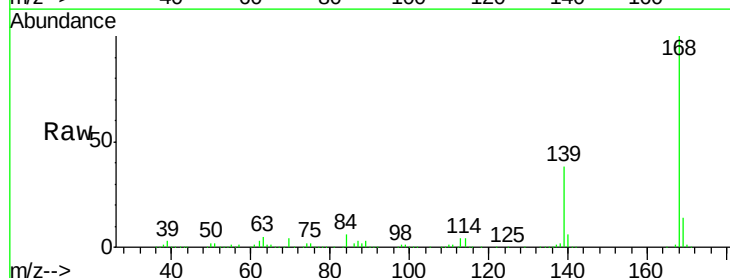
Manual Integrations
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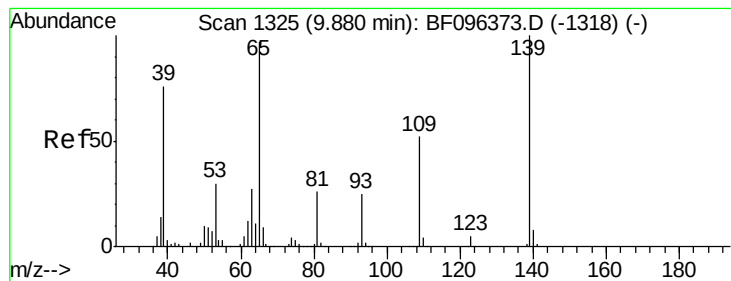
mohammad
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#54
Dibenzofuran
Concen: 39.531 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	750433		
139	38.4	30.6	45.8	
169	13.6	10.8	16.2	





#55

4-Nitrophenol

Concen: 37.307 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:139 Resp: 146783

Ion Ratio Lower Upper

139 100

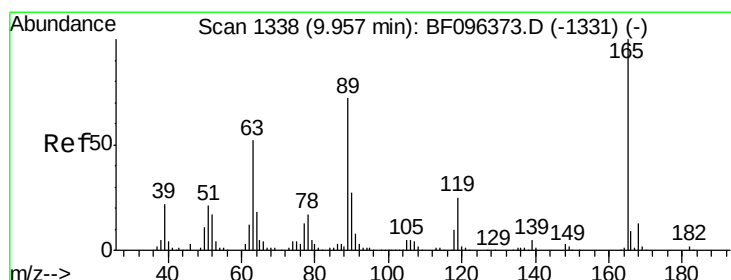
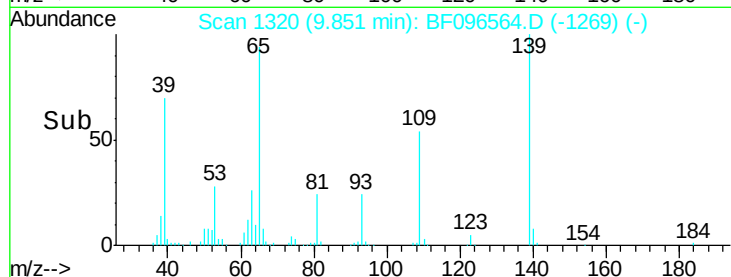
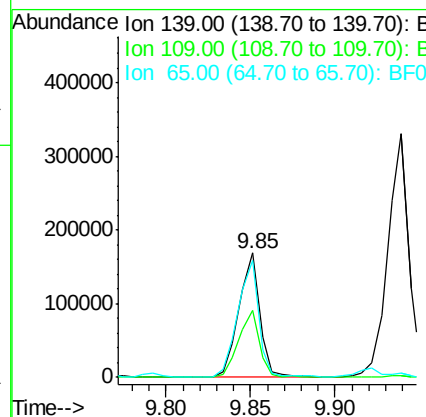
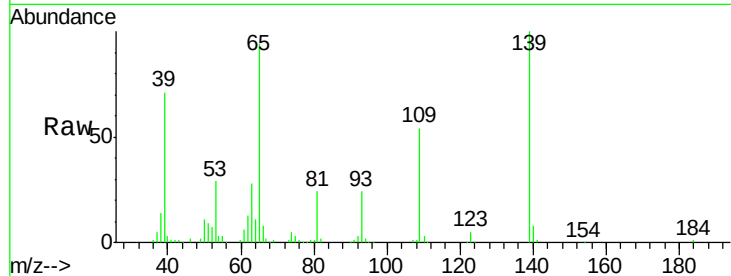
109 53.9 34.1 74.1

65 93.9 31.4 71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 41.367 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Tgt Ion:165 Resp: 199374

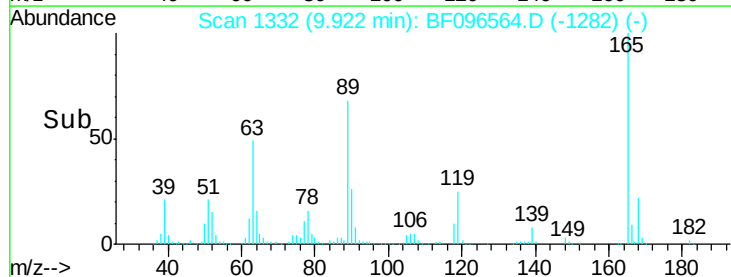
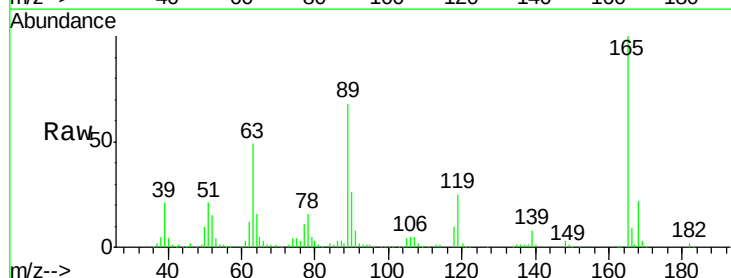
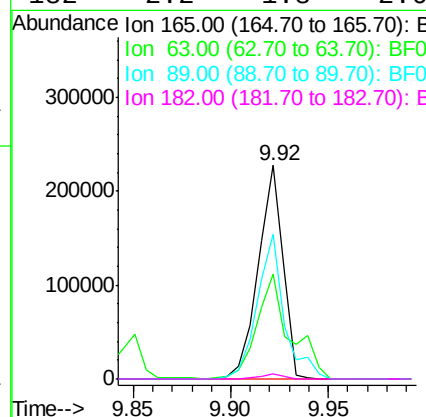
Ion Ratio Lower Upper

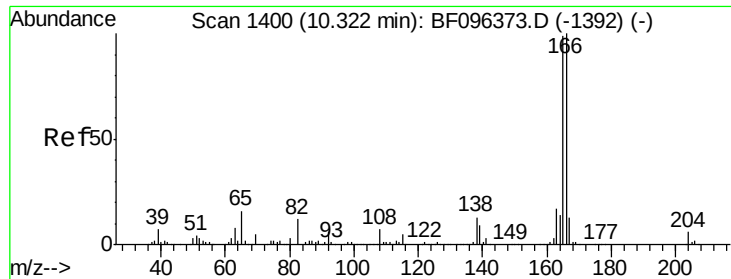
165 100

63 49.0 25.4 38.0#

89 67.9 46.4 69.6

182 2.2 1.8 2.6





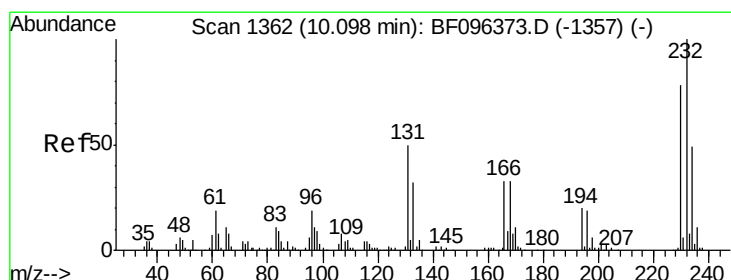
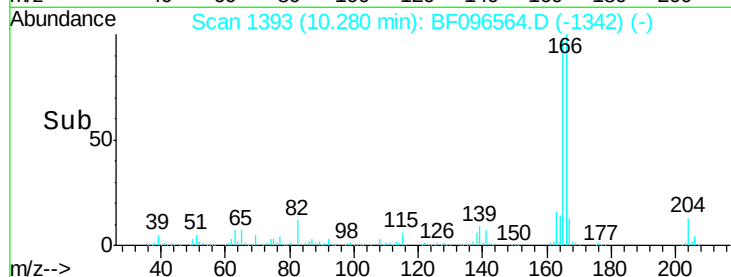
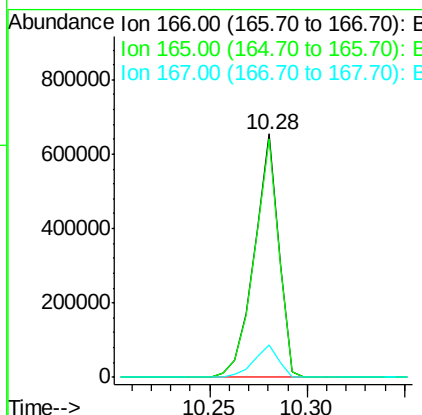
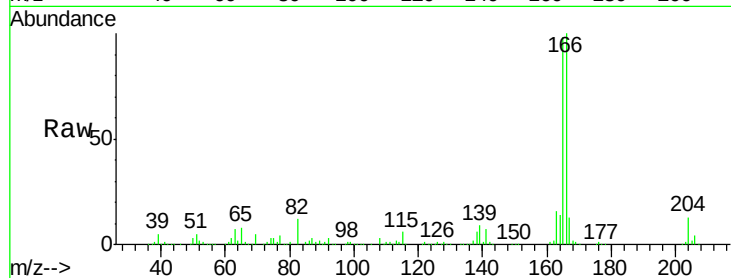
#57
 Fluorene
 Concen: 42.198 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	565766		
165	97.9	78.8	118.2	
167	13.1	10.6	16.0	

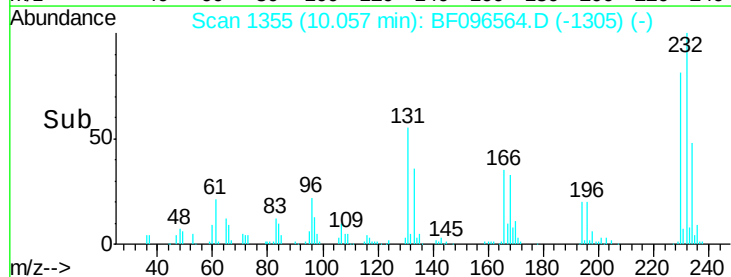
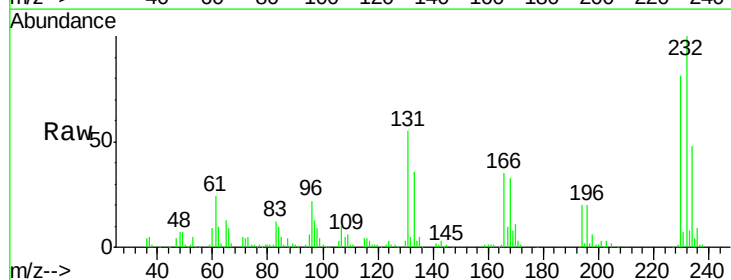
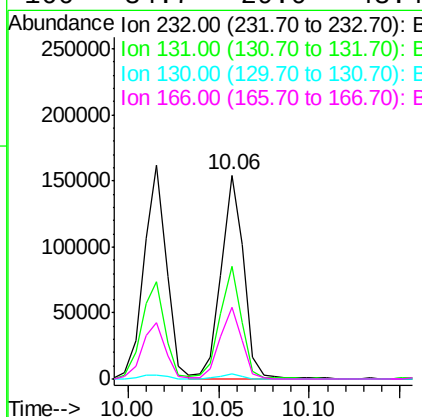
Manual Integrations
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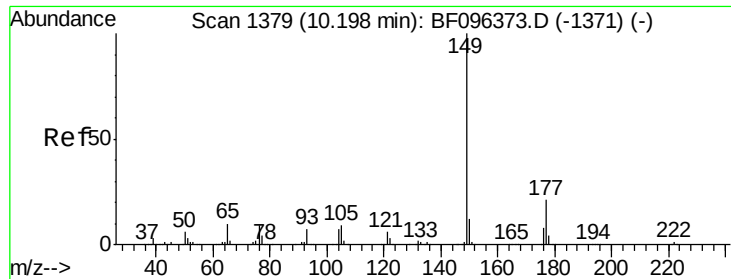
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.110 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	133174		
131	53.8	44.8	67.2	
130	2.5	2.3	3.5	
166	34.7	29.0	43.4	





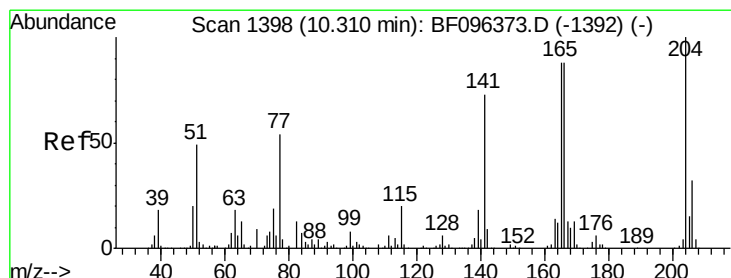
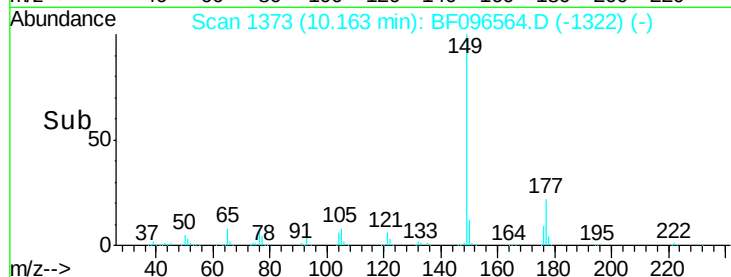
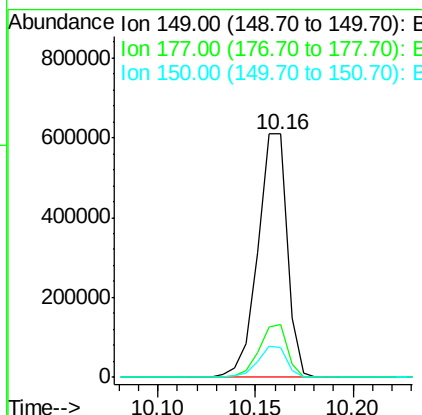
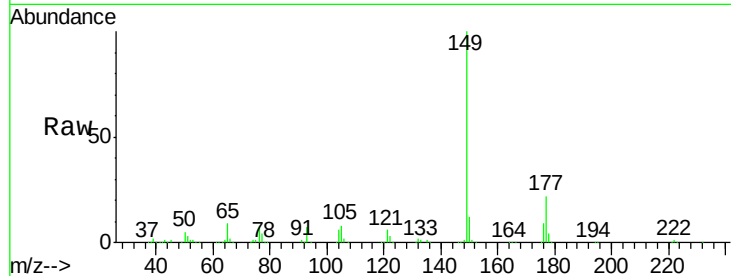
#59
Diethylphthalate
Concen: 39.132 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.1	10.2	15.2

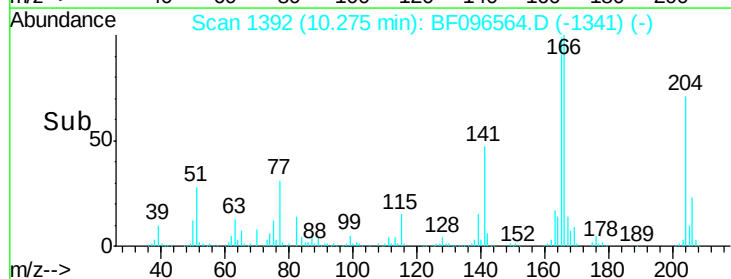
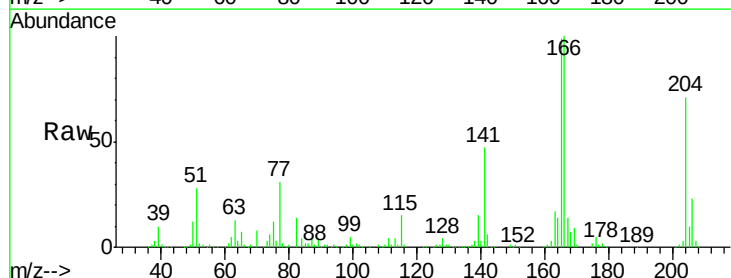
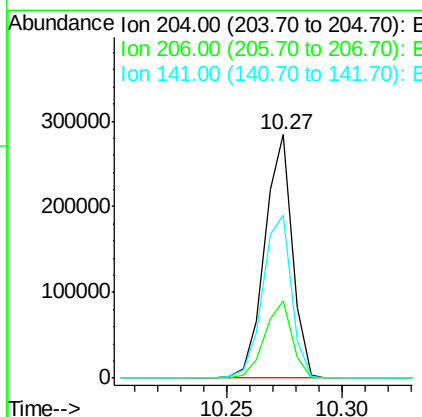
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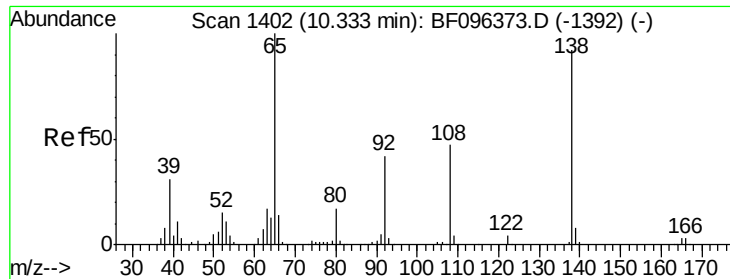
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.579 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	66.9	60.8	91.2





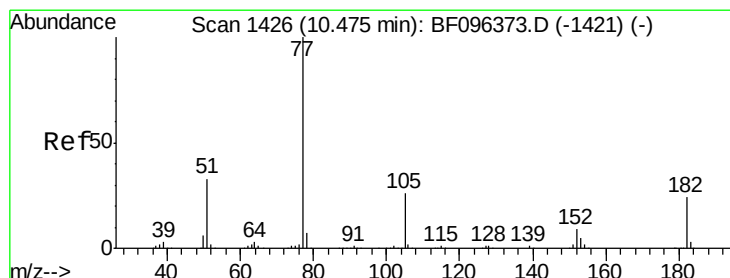
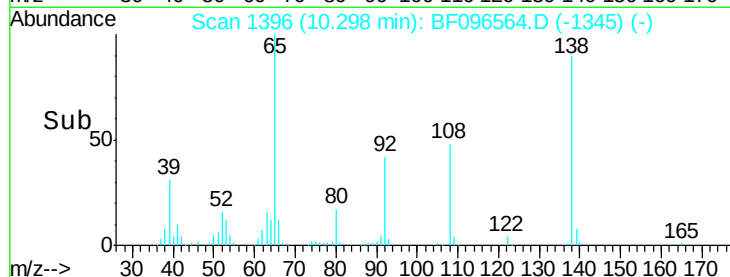
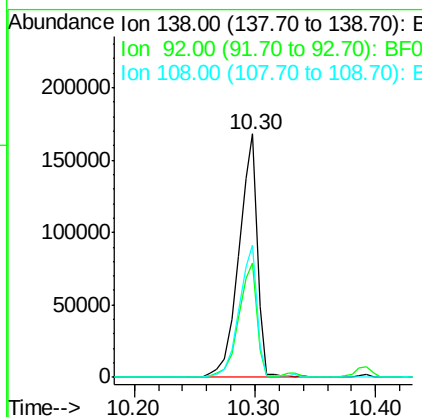
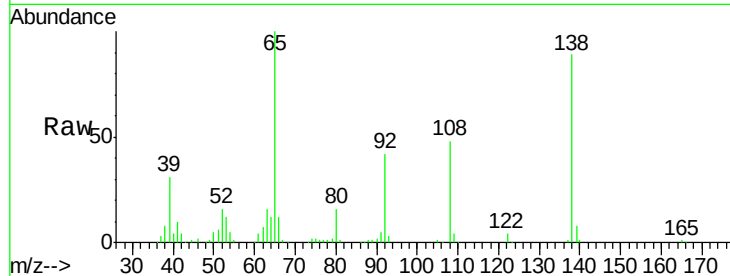
#61
4-Nitroaniline
Concen: 41.663 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	179826		
92	46.9	21.8	61.8	
108	54.1	42.3	82.3	

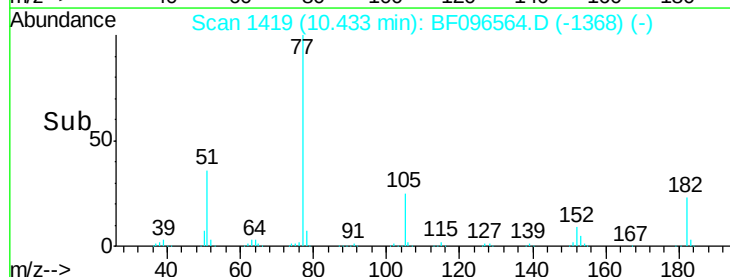
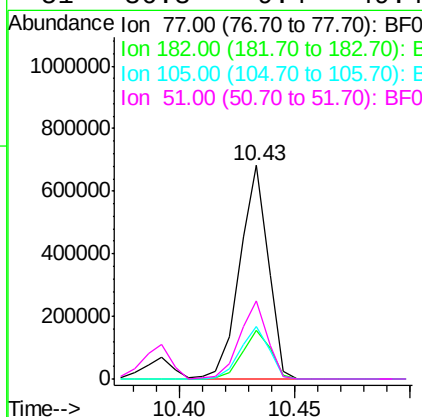
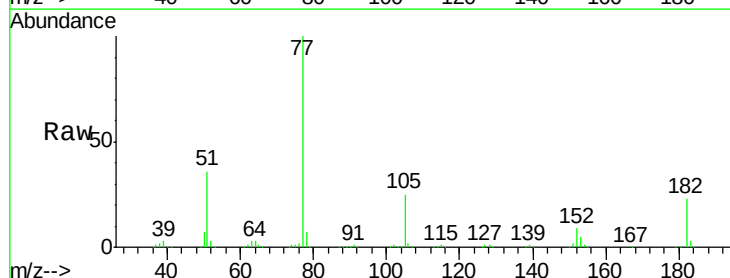
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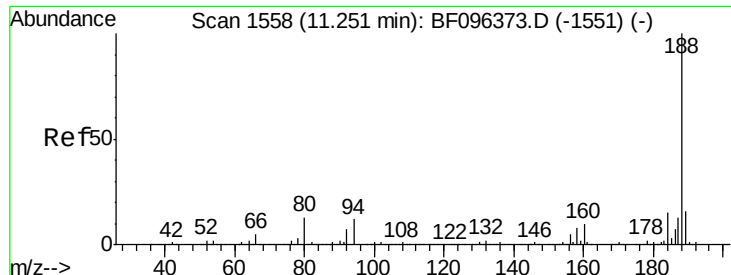
mohammad
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#62
Azobenzene
Concen: 37.329 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	587181		
182	22.9	0.1	40.1	
105	24.8	3.6	43.6	
51	36.3	9.4	49.4	





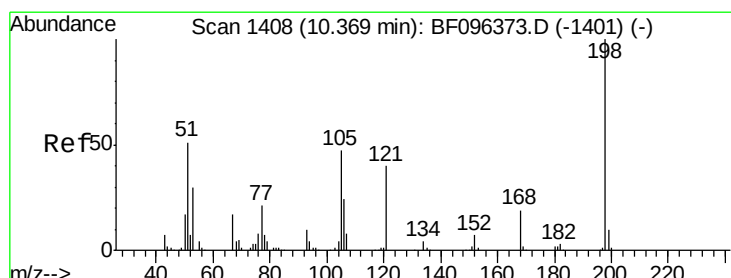
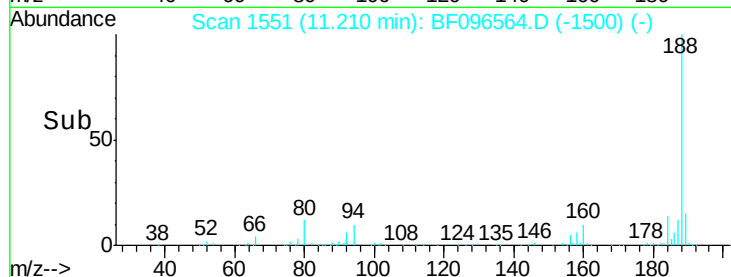
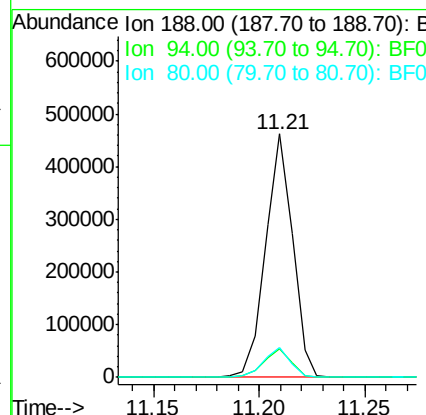
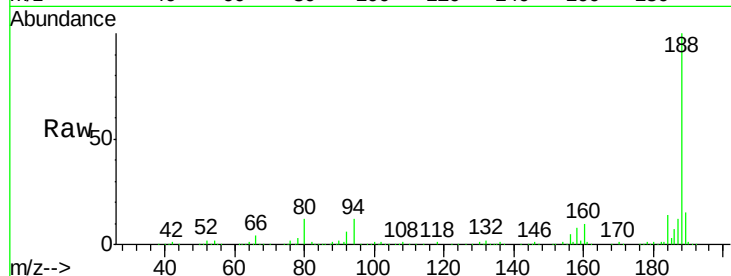
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	414185		
94	11.7		9.4	14.2
80	12.1		10.2	15.2

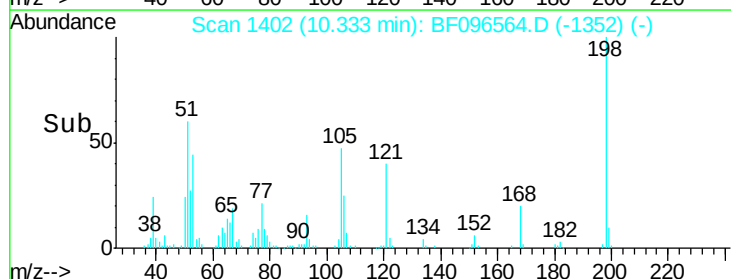
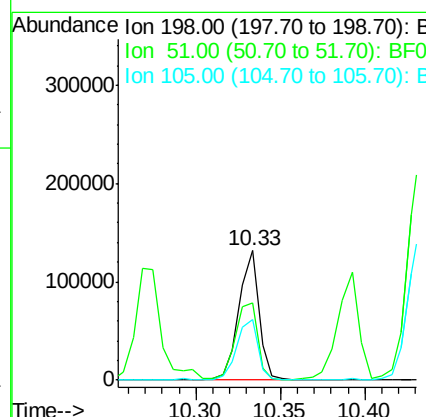
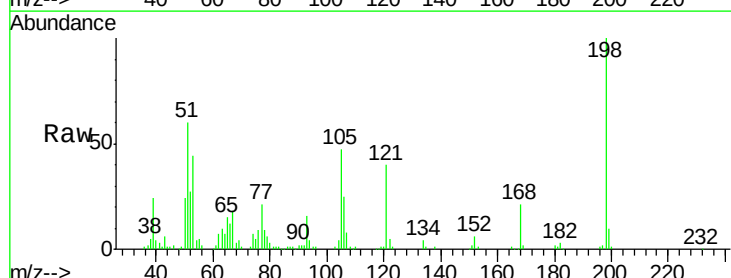
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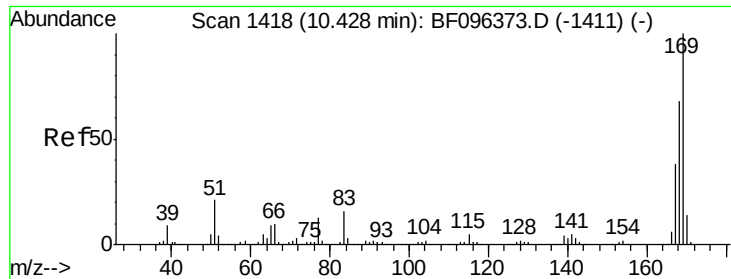
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.033 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	108639		
51	59.7		53.2	93.2
105	46.7		45.8	85.8





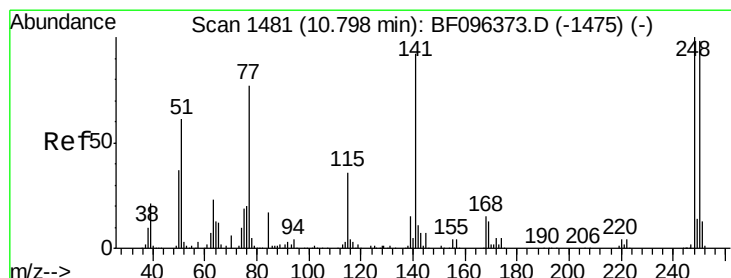
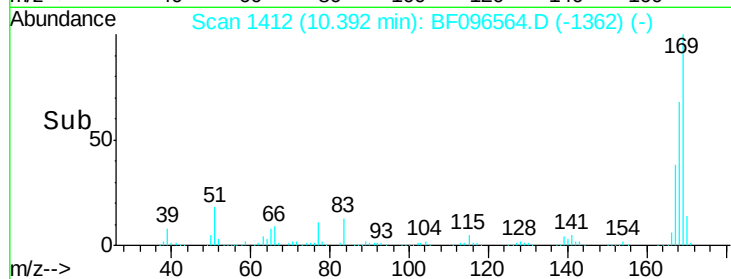
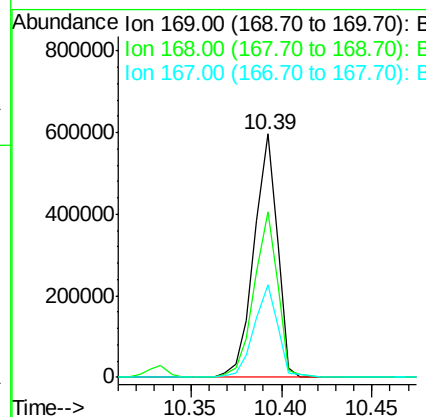
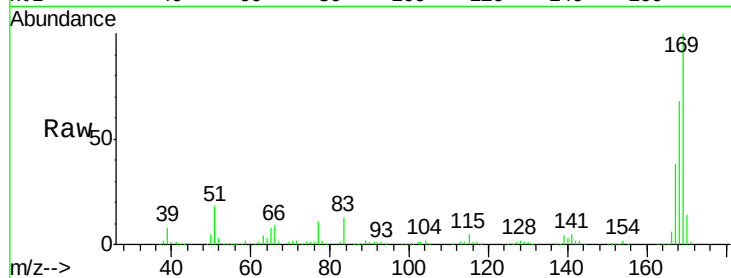
#65
 n-Nitrosodiphenylamine
 Concen: 36.785 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	534572		
168	67.9	53.2	79.8	
167	38.0	29.5	44.3	

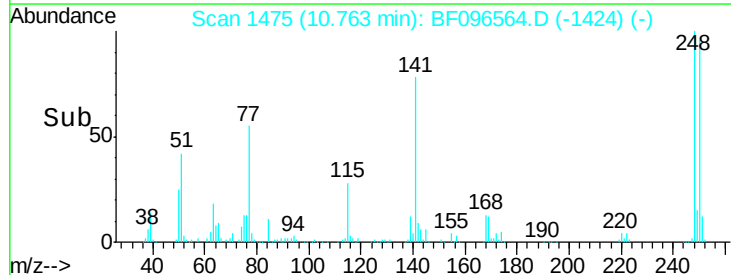
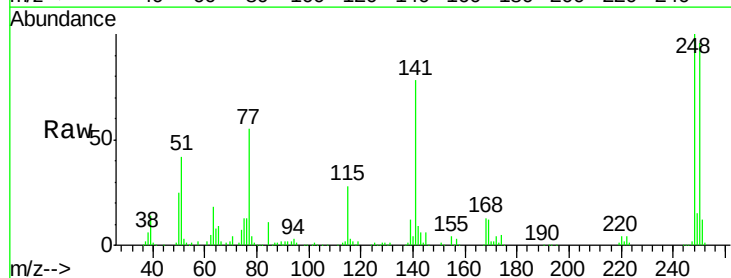
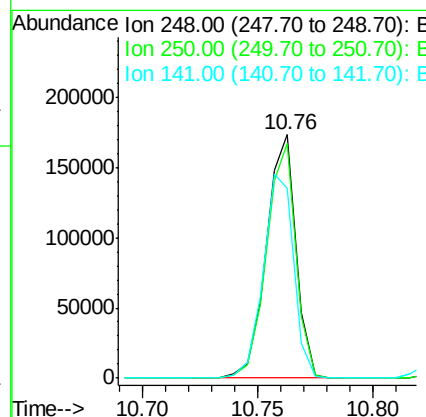
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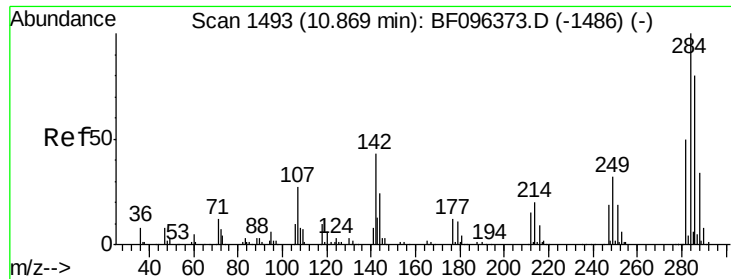
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#66
 4-Bromophenyl-phenylether
 Concen: 38.261 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	154265		
250	96.5	76.8	115.2	
141	77.9	68.6	103.0	





#67

Hexachlorobenzene

Concen: 39.872 ng

RT: 10.83 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

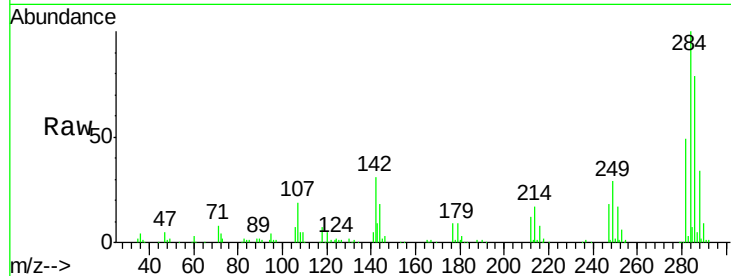
ClientSampleId :

SSTDCCC040

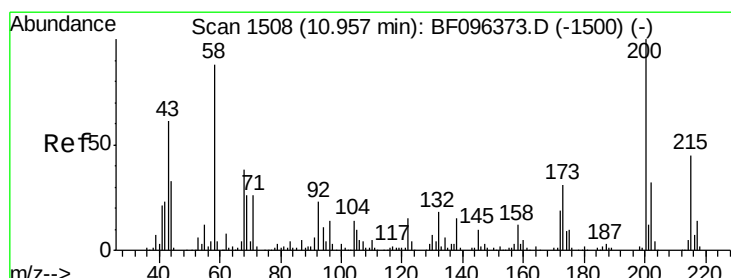
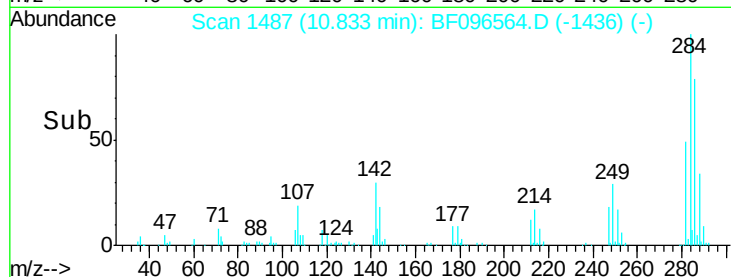
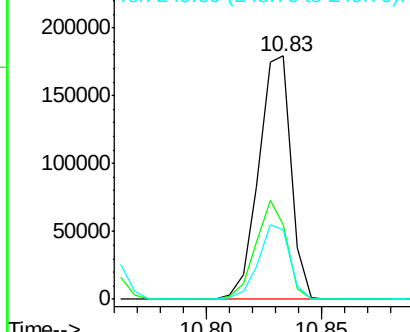
Tgt Ion:	284	Resp:	175983
Ion Ratio	Lower	Upper	
284	100		
142	30.5	22.8	34.2
249	28.7	24.0	36.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.674 ng

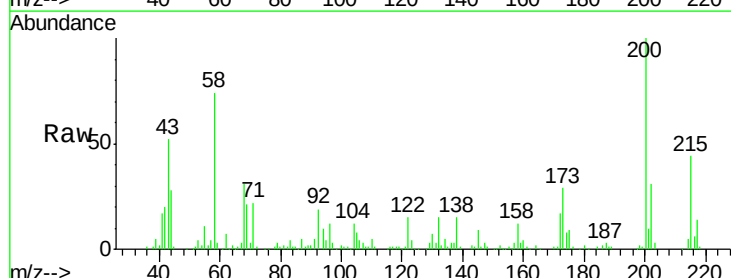
RT: 10.92 min Scan# 1502

Delta R.T. 0.00 min

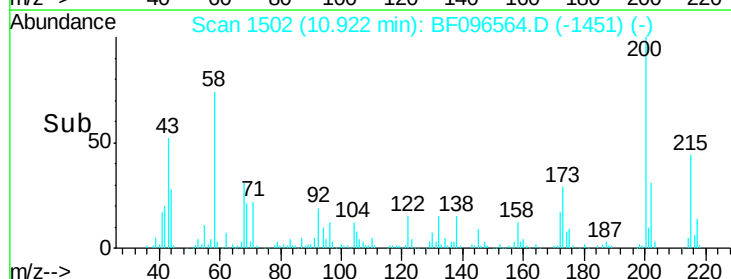
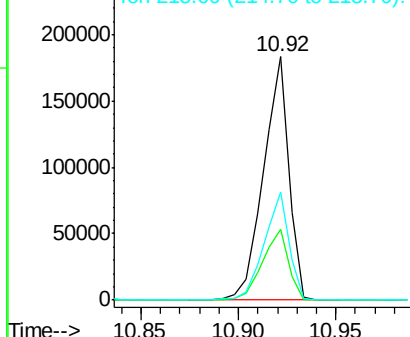
Lab File: BF096564.D

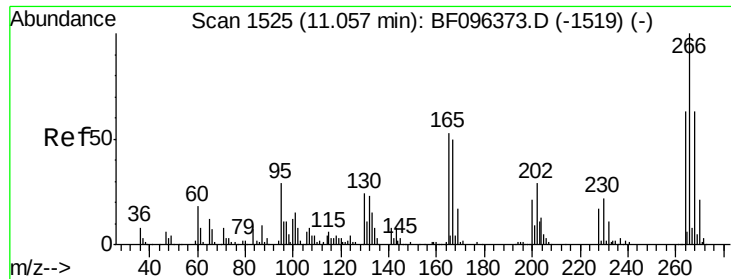
Acq: 7 Jul 2017 17:35

Tgt Ion:	200	Resp:	164720
Ion Ratio	Lower	Upper	
200	100		
173	29.1	6.3	46.3
215	44.4	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 40.327 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

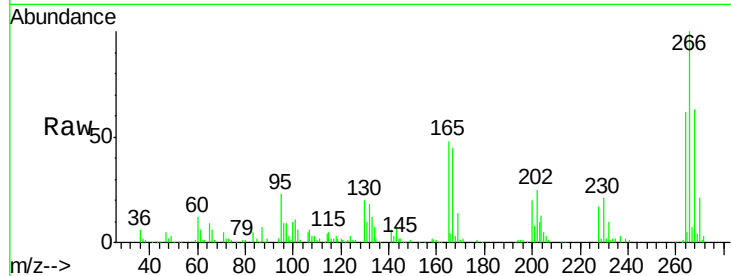
ClientSampleId :

SSTDCCC040

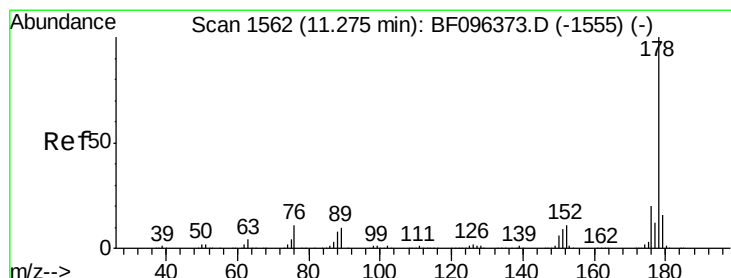
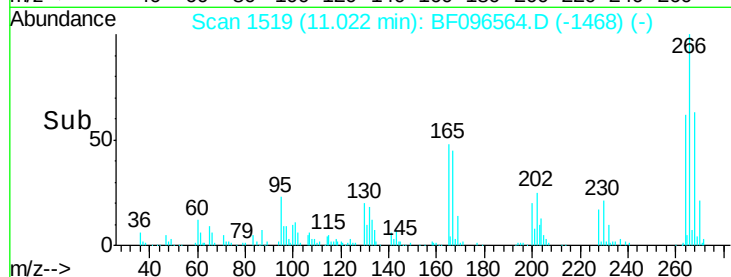
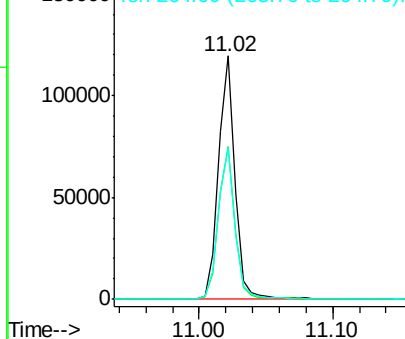
Tgt Ion:	266	Resp:	105489
Ion Ratio	Lower	Upper	
266	100		
268	62.8	51.1	76.7
264	62.4	51.7	77.5

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



#70

Phenanthrene

Concen: 38.544 ng

RT: 11.23 min Scan# 1555

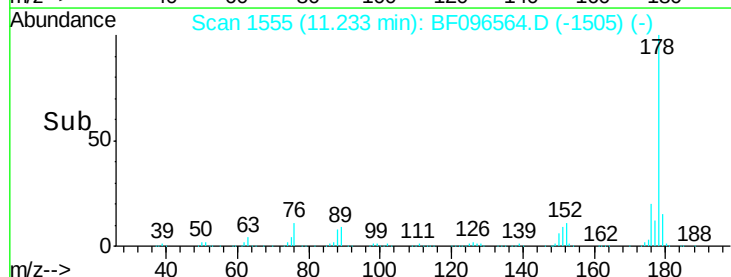
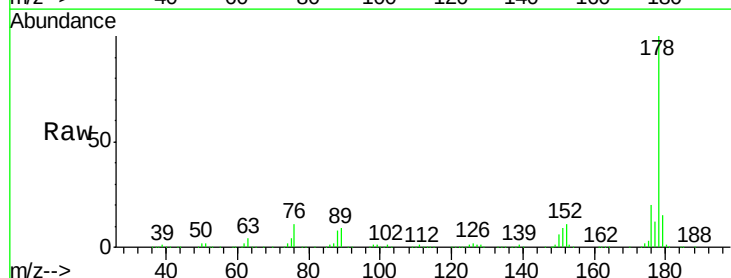
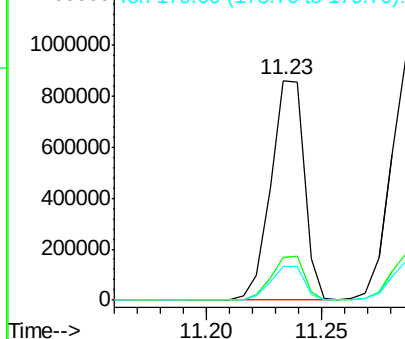
Delta R.T. -0.01 min

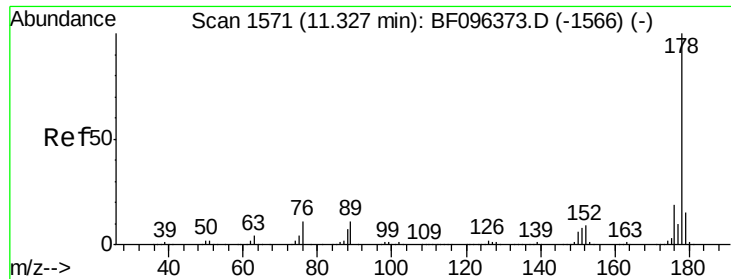
Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Tgt Ion:	178	Resp:	862989
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.2	24.4
179	15.5	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





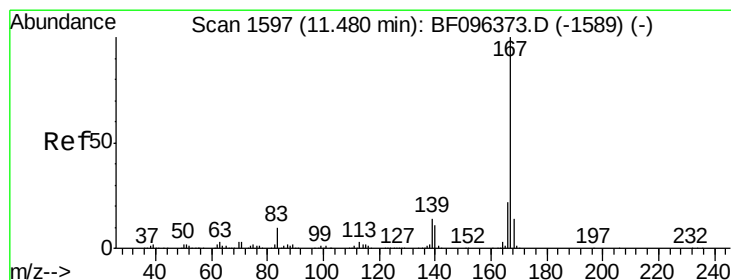
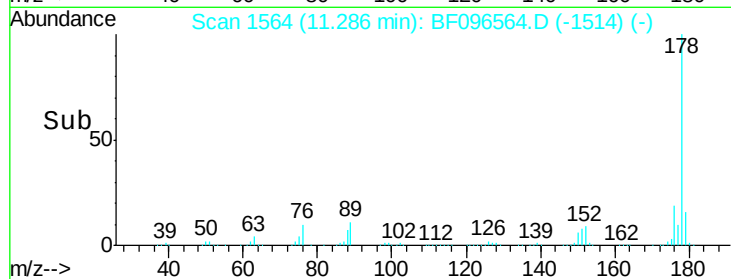
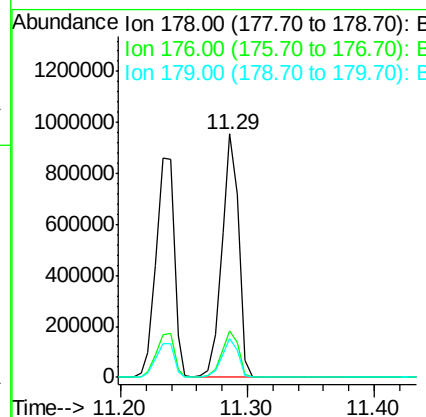
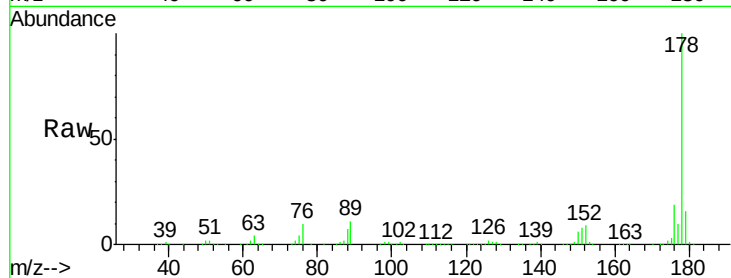
#71
 Anthracene
 Concen: 39.059 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.8	12.7	19.1

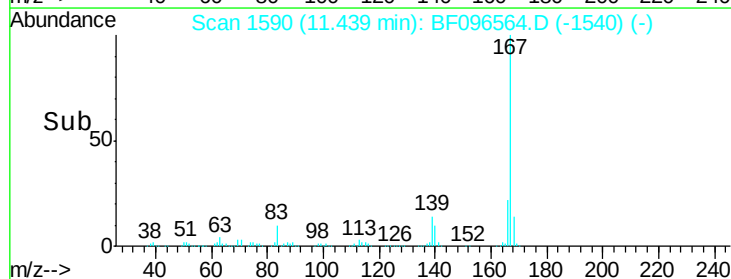
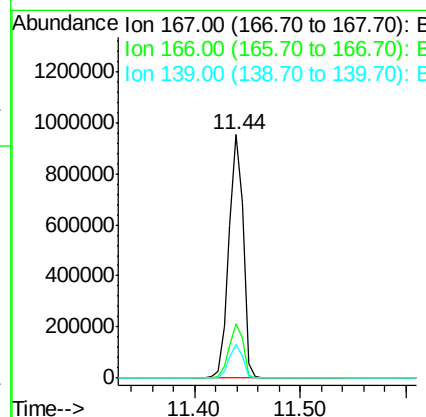
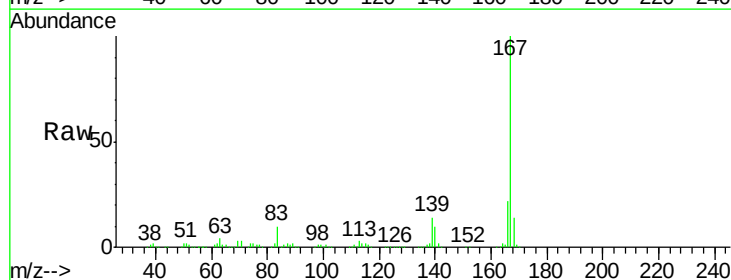
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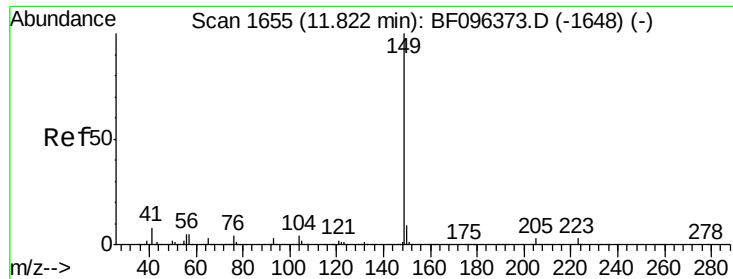
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#72
 Carbazole
 Concen: 39.237 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.9	11.7	17.5





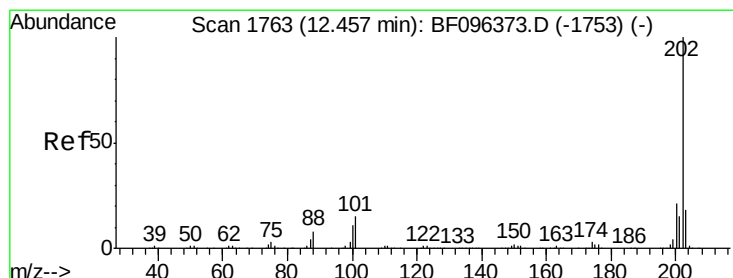
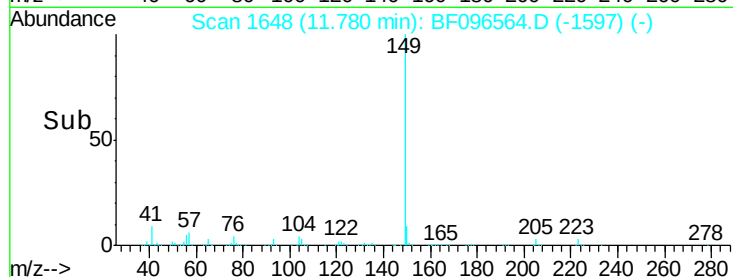
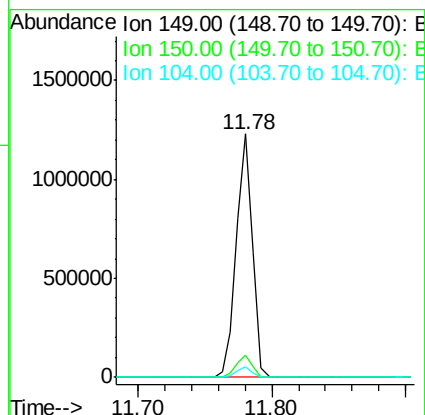
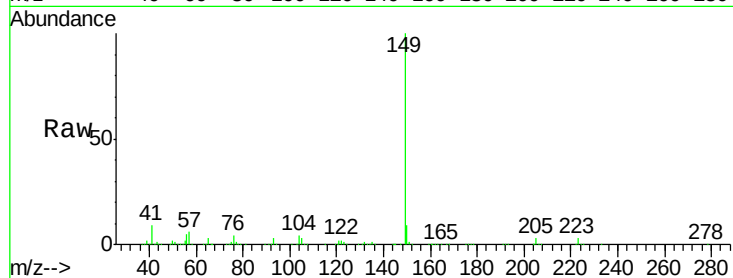
#73
Di-n-butylphthalate
Concen: 37.912 ng
RT: 11.78 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1053647
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.0 6.0

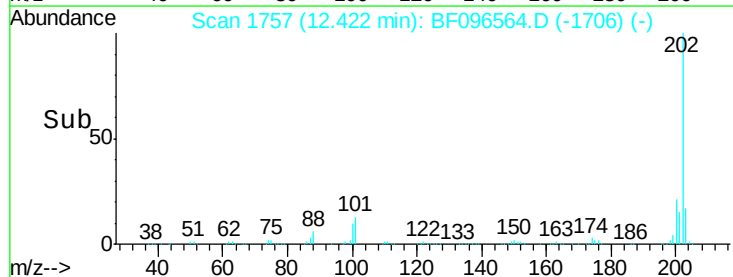
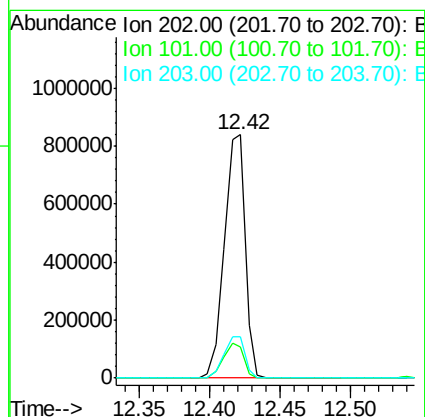
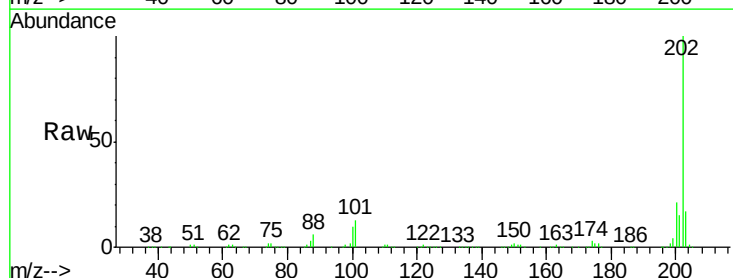
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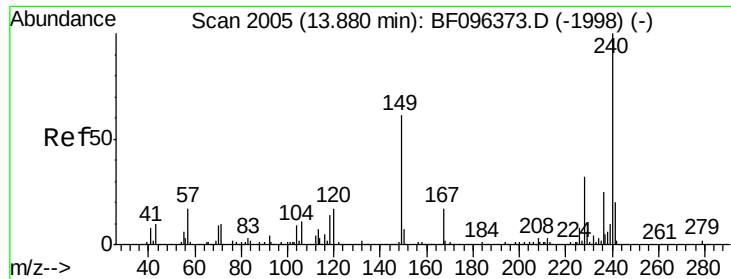
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#74
Fluoranthene
Concen: 39.152 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:202 Resp: 859458
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

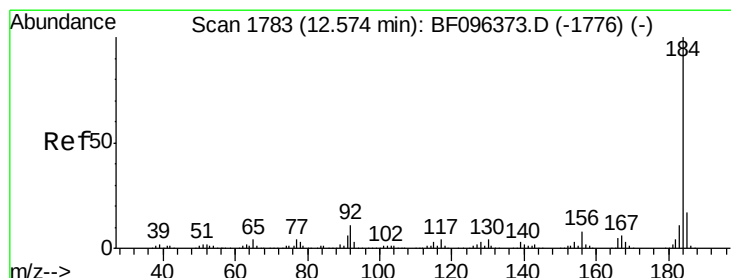
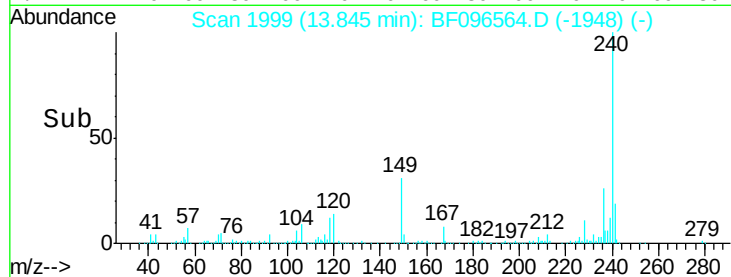
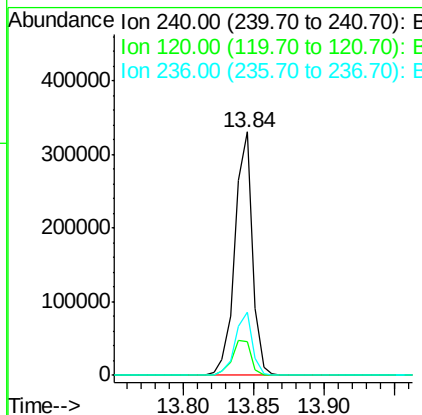
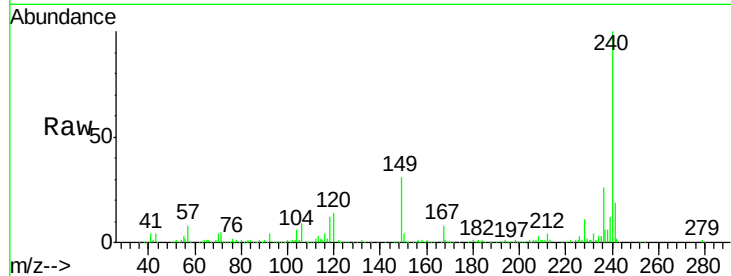
ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 286365
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 25.8 20.5 30.7

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#76

Benzidine

Concen: 37.777 ng

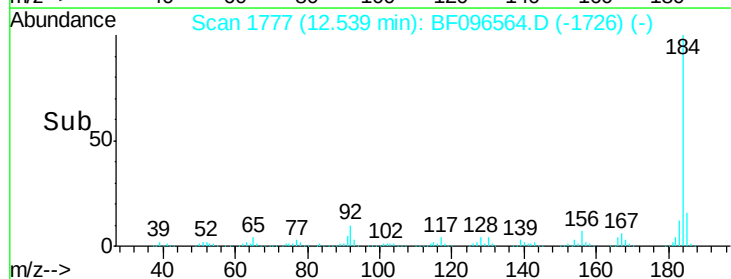
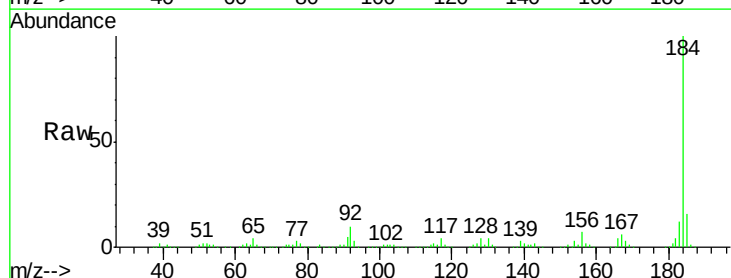
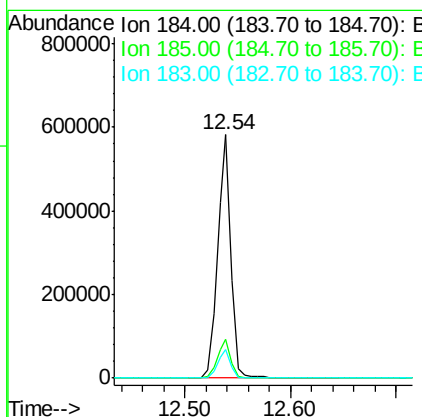
RT: 12.54 min Scan# 1777

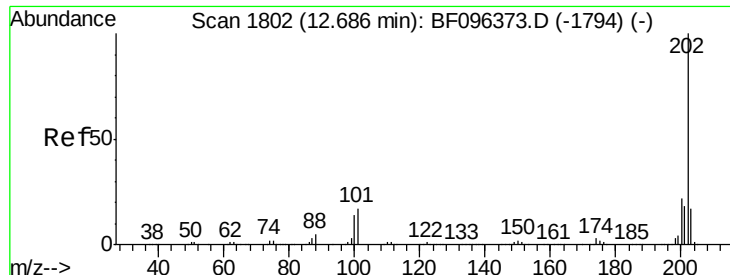
Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Tgt Ion:184 Resp: 519083
 Ion Ratio Lower Upper
 184 100
 185 16.2 15.5 23.3
 183 11.8 9.8 14.6





#77

Pyrene

Concen: 38.379 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

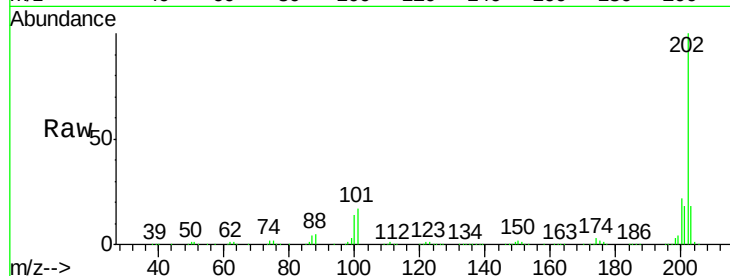
ClientSampleId :

SSTDCCC040

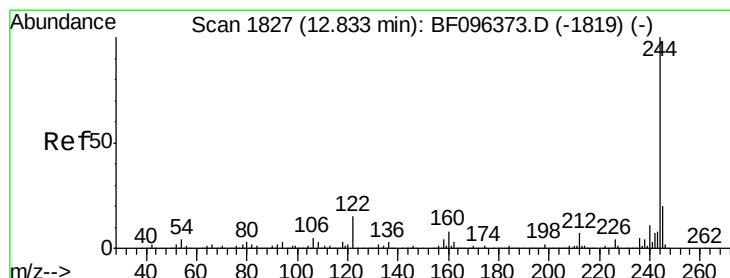
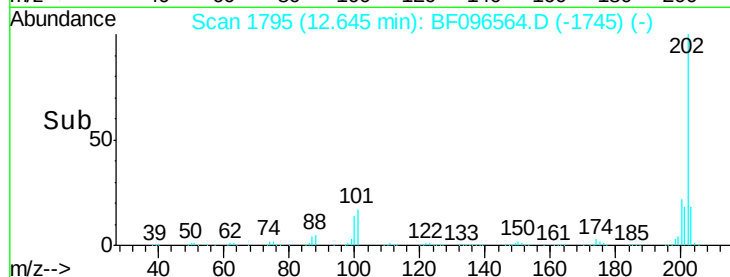
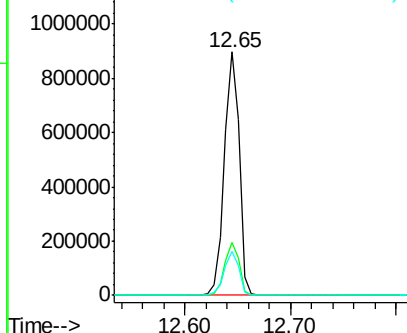
Tgt Ion:	202	Resp:	882161
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.6	26.4
203	18.1	14.4	21.6

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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: 76.100 ng

RT: 12.80 min Scan# 1821

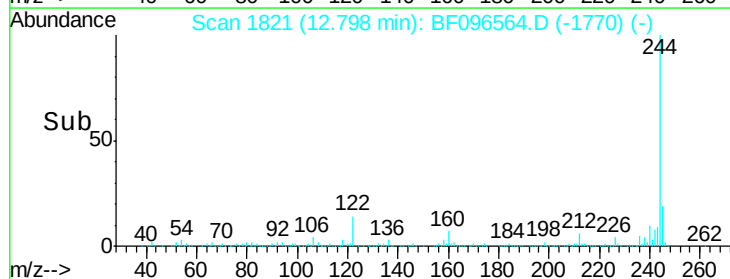
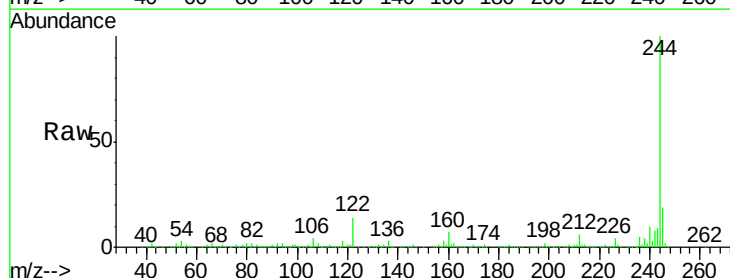
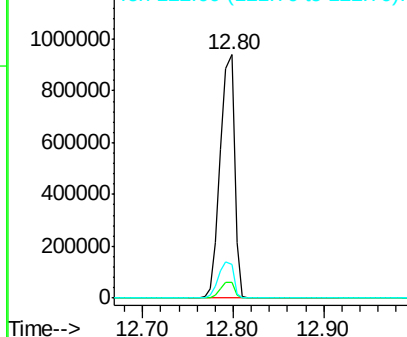
Delta R.T. 0.00 min

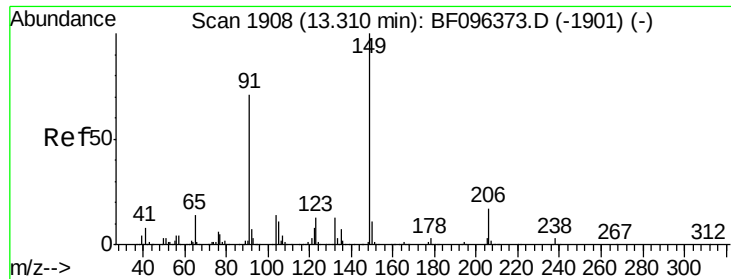
Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Tgt Ion:	244	Resp:	1019840
Ion Ratio	Lower	Upper	
244	100		
212	6.4	6.0	9.0
122	13.7	10.3	15.5

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





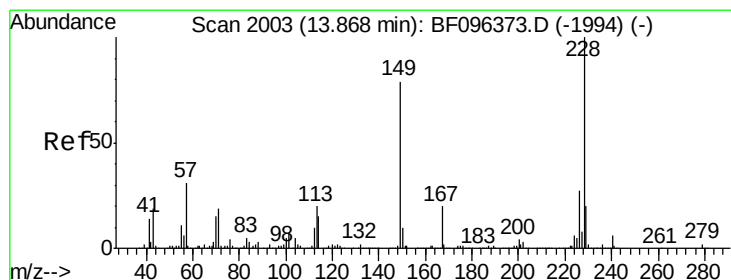
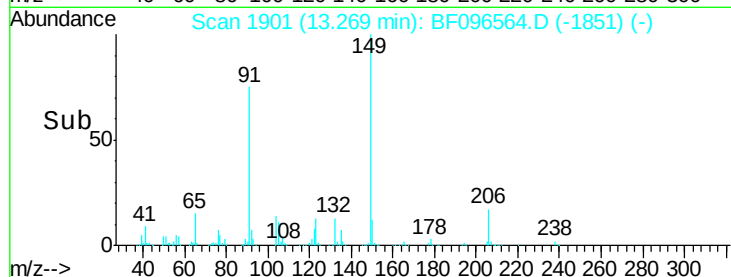
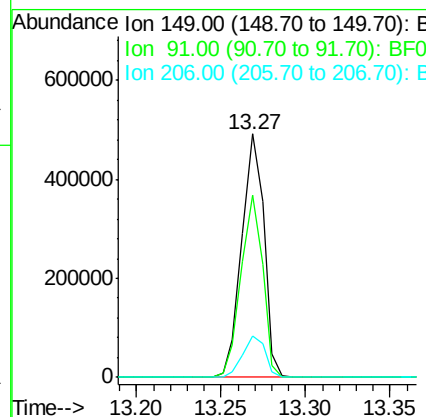
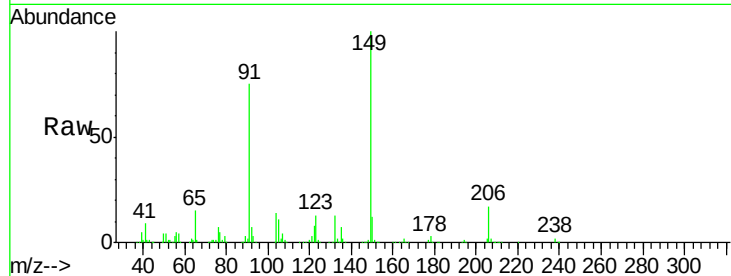
#79
Butylbenzylphthalate
Concen: 38.663 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	449872		
91	74.7	45.0	67.4#	
206	16.8	17.0	25.6#	

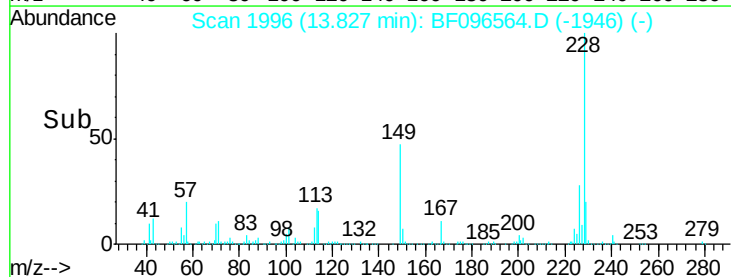
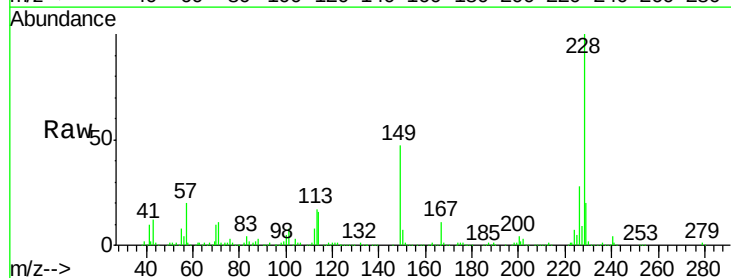
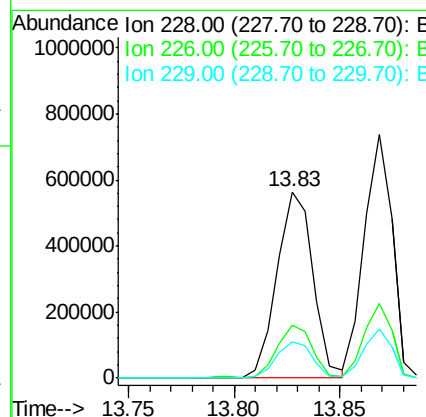
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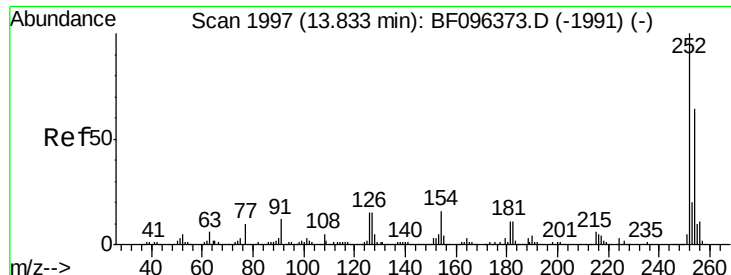
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#80
Benzo(a)anthracene
Concen: 40.519 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	671928		
226	28.2	22.6	33.8	
229	19.8	16.3	24.5	





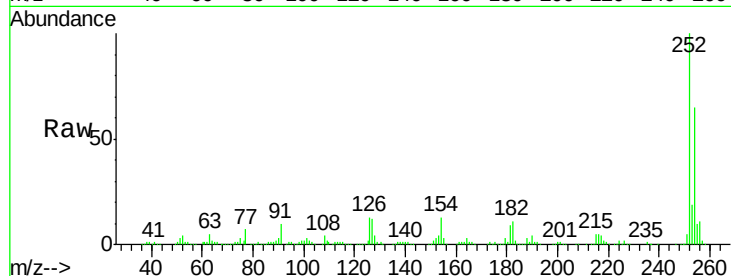
#81
 3,3'-Dichlorobenzidine
 Concen: 41.149 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

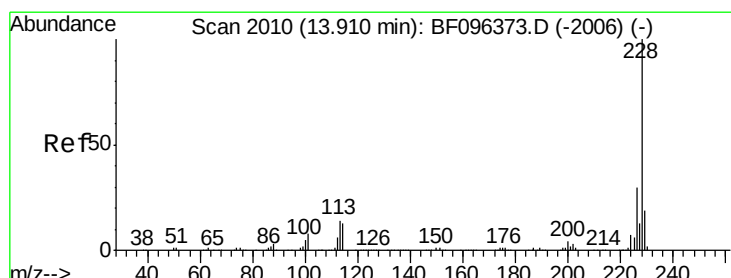
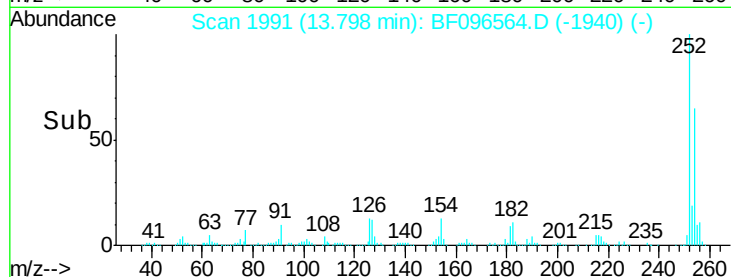
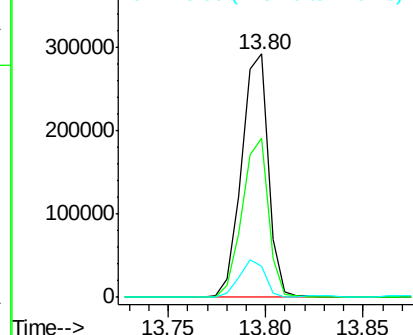
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.4	51.5	77.3
126	13.0	15.8	23.8#

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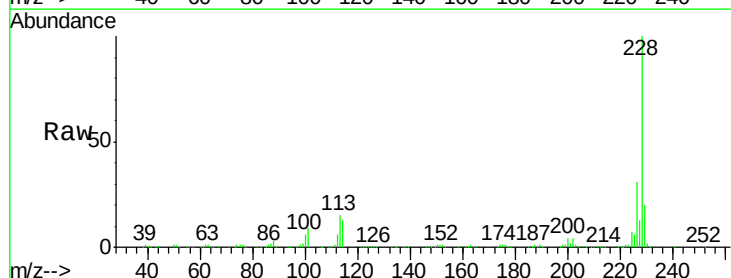


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

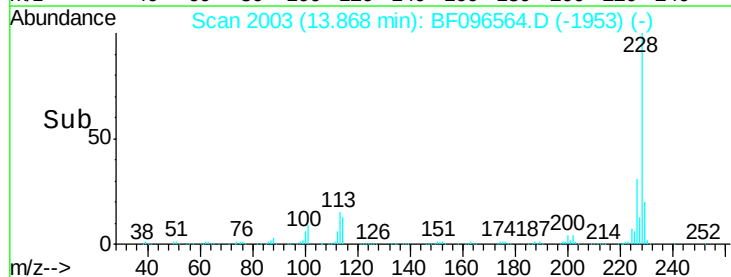
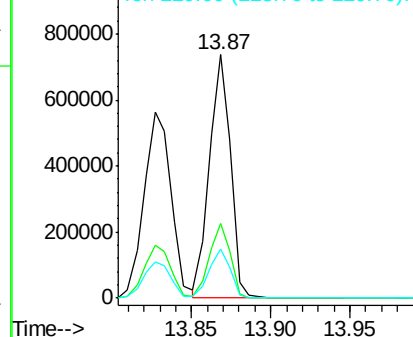


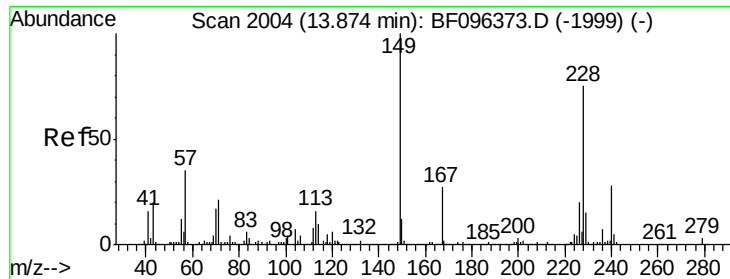
#82
 Chrysene
 Concen: 39.692 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	24.9	37.3
229	20.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





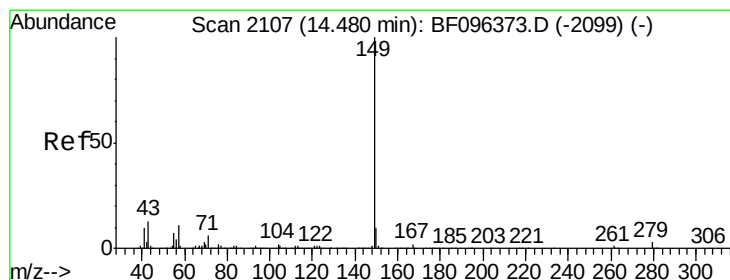
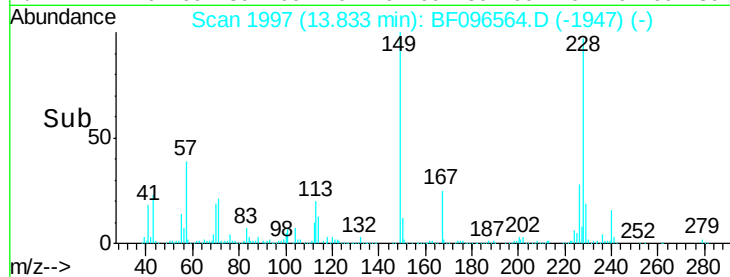
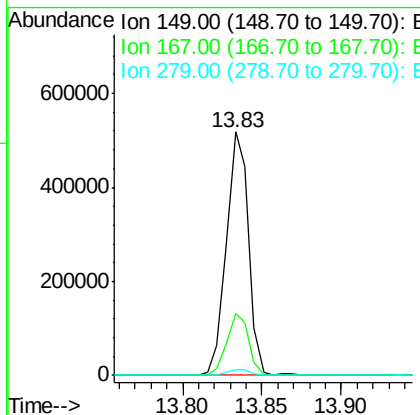
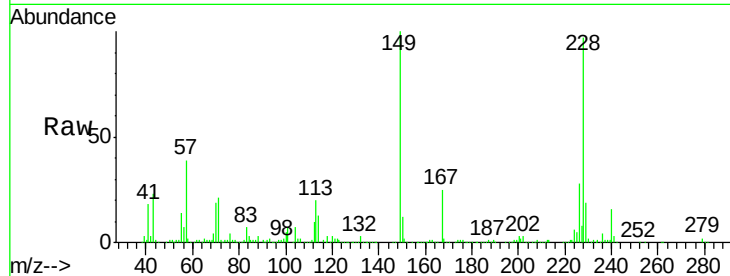
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.431 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	499144		
167	25.3	21.0	31.4	
279	2.4	1.9	2.9	

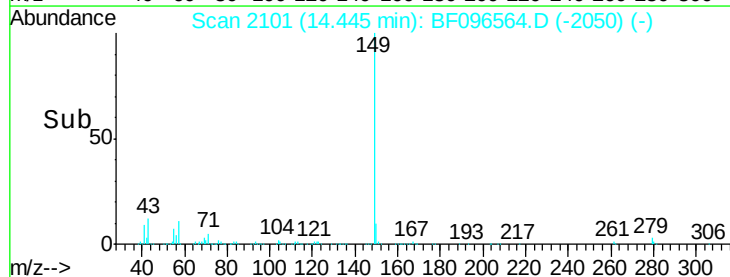
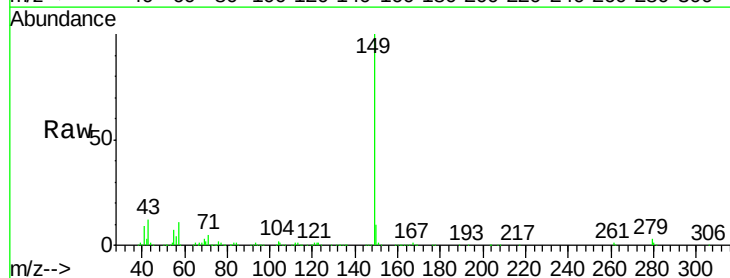
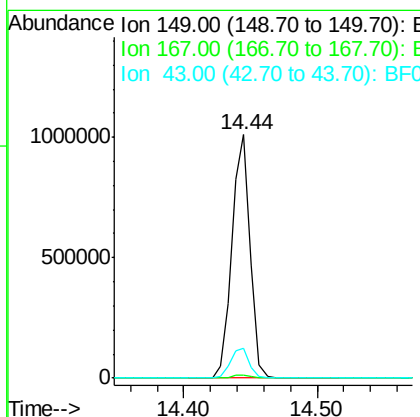
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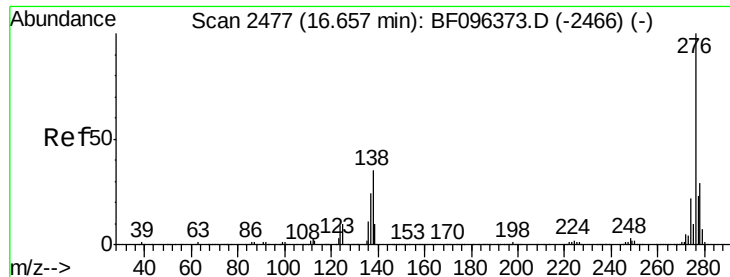
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#84
 Di-n-octyl phthalate
 Concen: 37.782 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	966353		
167	1.4	1.2	1.8	
43	12.8	8.5	12.7#	





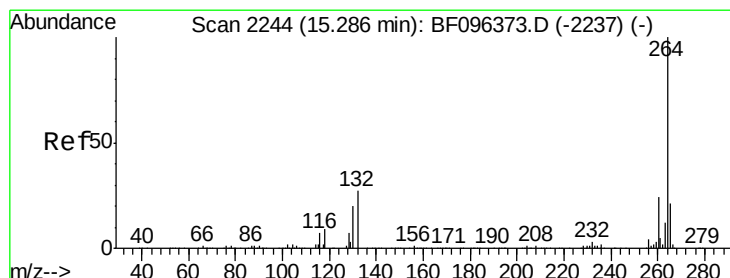
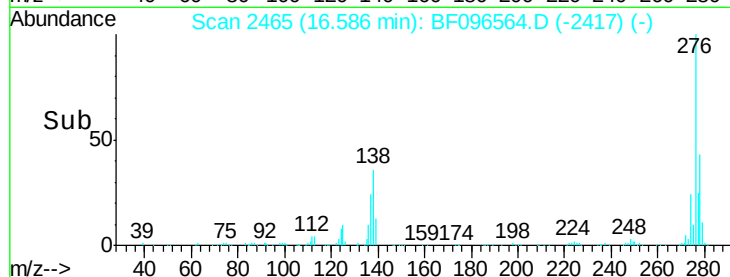
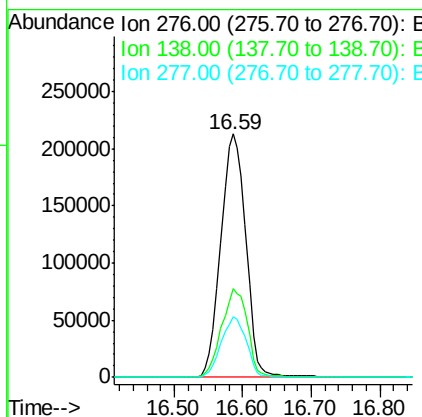
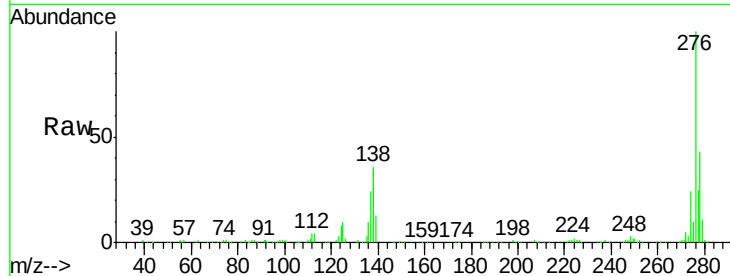
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.418 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	540329
Ion Ratio	Lower	Upper	
276	100		
138	37.2	27.8	41.6
277	24.8	20.2	30.4

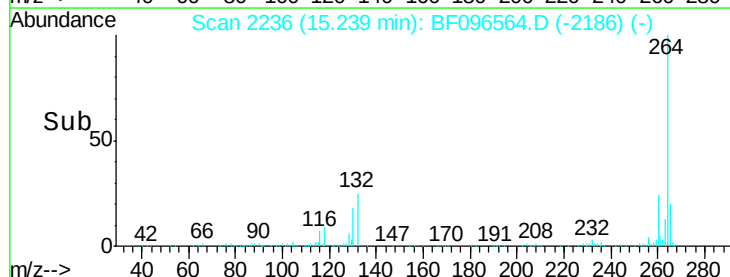
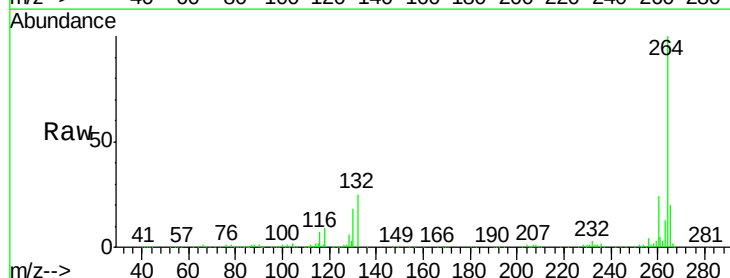
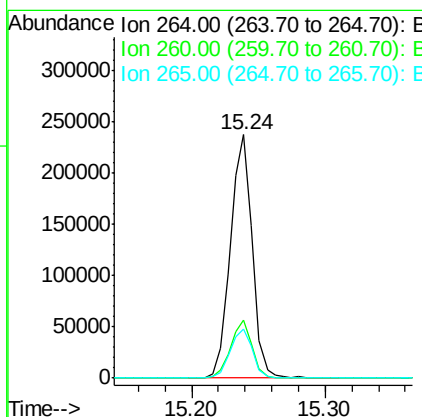
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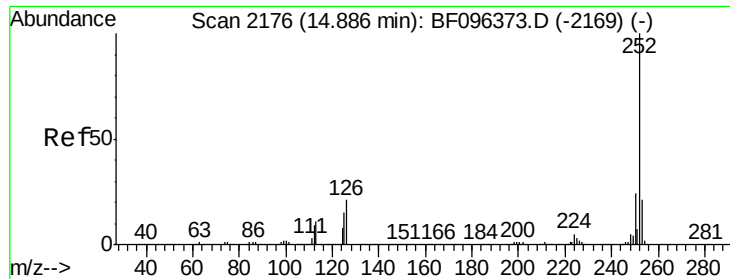
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion:	264	Resp:	273306
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	20.3	17.2	25.8





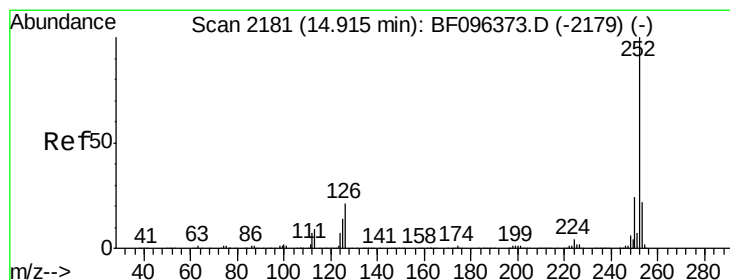
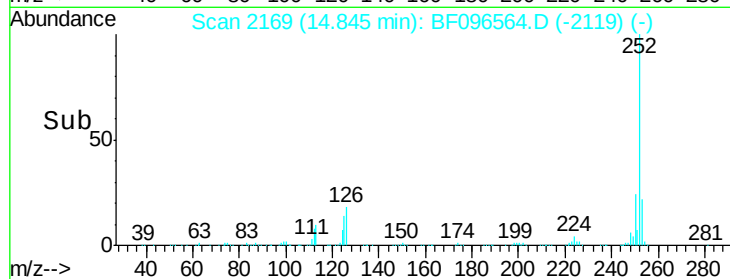
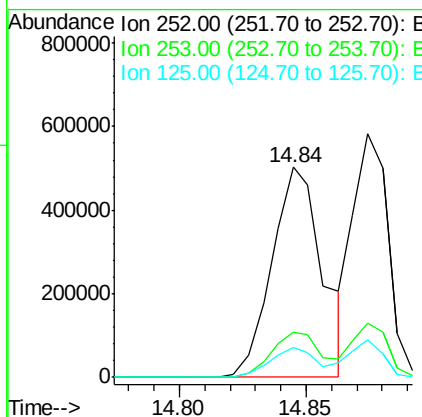
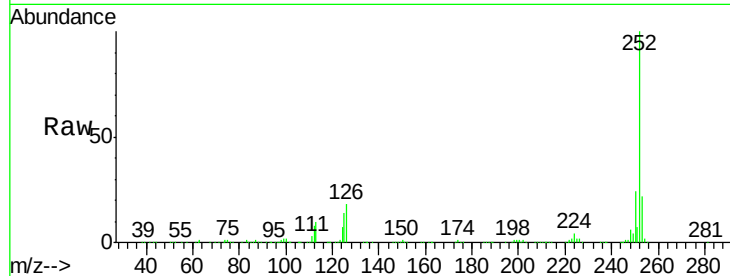
#87
Benzo(b)fluoranthene
Concen: 40.909 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	14.3	9.8	14.8

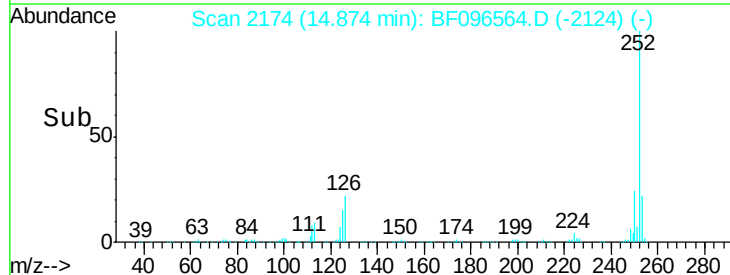
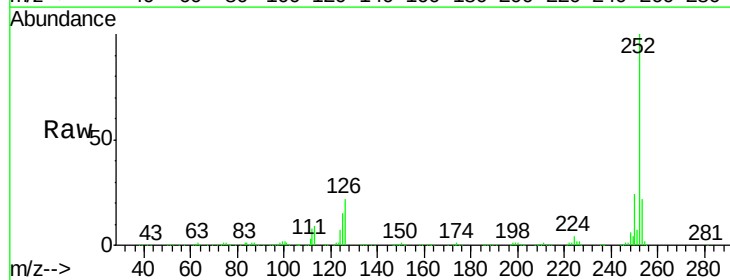
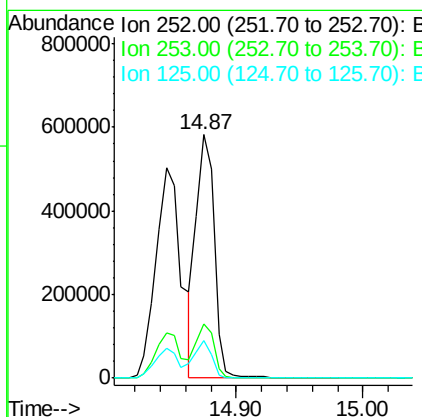
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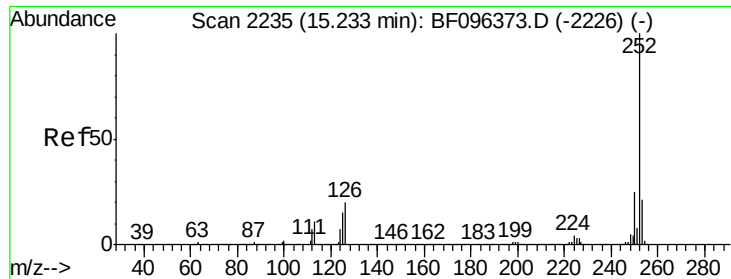
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#88
Benzo(k)fluoranthene
Concen: 37.245 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	15.3	13.1	19.7





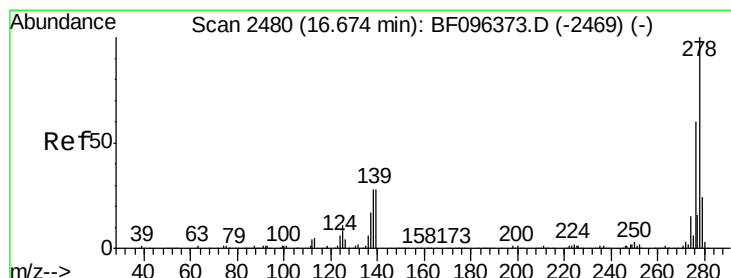
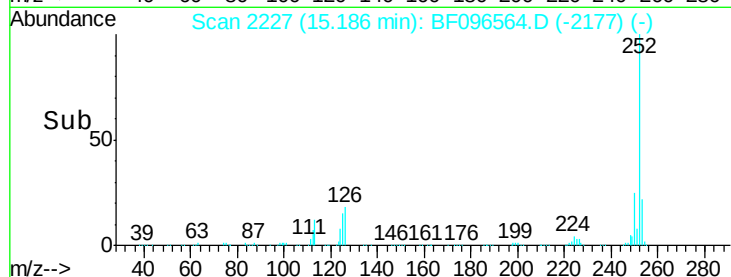
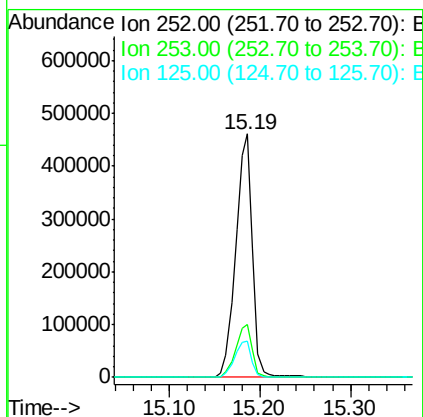
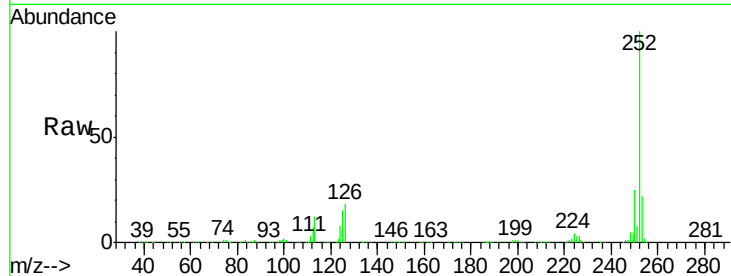
#89
Benzo(a)pyrene
Concen: 38.824 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.7	11.0	16.4

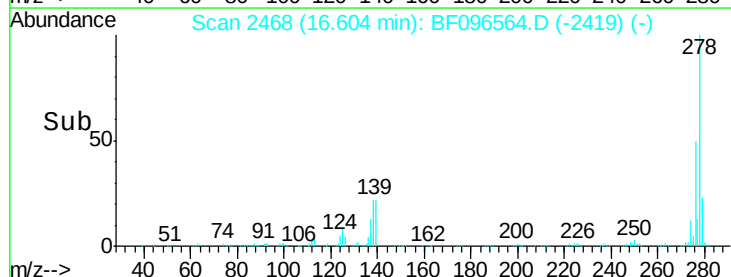
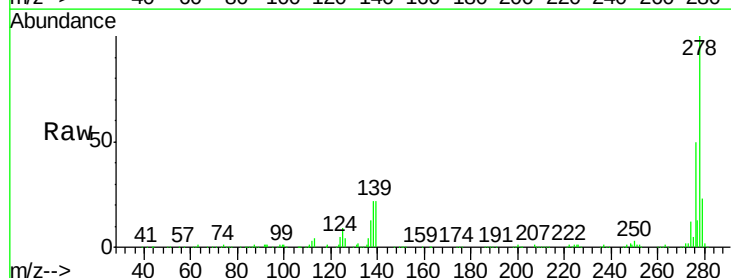
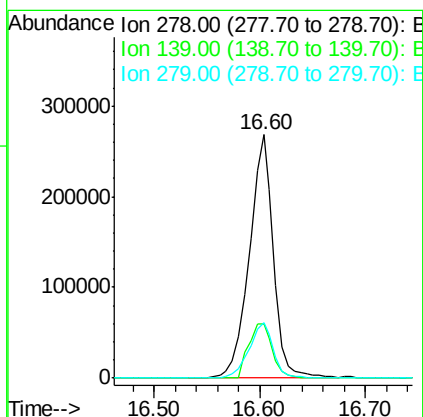
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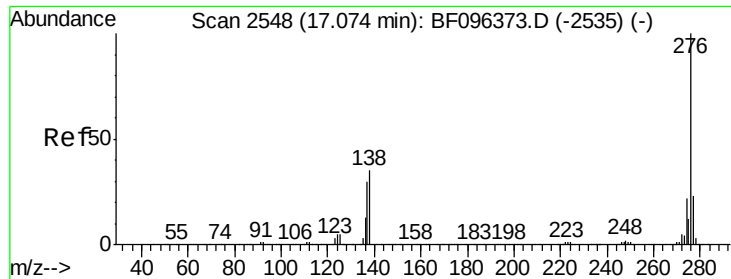
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#90
Dibenzo(a,h)anthracene
Concen: 35.436 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 34.031 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	424158
Ion Ratio		Lower	Upper
276	100		
277	22.7	18.6	28.0
138	29.0	25.4	38.0

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