

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100248.D
 Acq On : 6 Nov 2017 13:34
 Operator : SJ/JU
 Sample : I6092-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:39:39 PM

Quant Time: Nov 07 00:38:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	85968	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	361483	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	168428	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	316210	20.00	ng	0.00
75) Chrysene-d12	13.94	240	227453	20.00	ng	0.00
86) Perylene-d12	15.41	264	41569	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	721949	131.84	ng	0.03
7) Phenol-d6	6.42	99	756203	116.47	ng	0.00
23) Nitrobenzene-d5	7.33	82	503356	89.65	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	205809	134.09	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1022538	93.67	ng	0.00
78) Terphenyl-d14	12.87	244	956852	91.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	89573m	37.043	ng	
3) Pyridine	3.52	79	60698m	10.438	ng	
4) n-Nitrosodimethylamine	3.37	42	67604	32.542	ng	# 71
6) Aniline	6.46	93	21606m	2.566	ng	
8) 2-Chlorophenol	6.56	128	271674	46.551	ng	92
9) Benzaldehyde	6.35	77	64579	16.645	ng	85
10) Phenol	6.43	94	254080	35.642	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	246468	44.773	ng	90
12) 1,3-Dichlorobenzene	6.70	146	293288m	44.758	ng	
13) 1,4-Dichlorobenzene	6.77	146	299095	44.973	ng	97
14) 1,2-Dichlorobenzene	6.93	146	280146	46.219	ng	96
15) Benzyl Alcohol	6.93	79	75488	18.282	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.03	45	303499	49.631	ng	75
17) 2-Methylphenol	7.03	107	207997	42.608	ng	# 90
18) Hexachloroethane	7.26	117	98666	44.468	ng	96
19) n-Nitroso-di-n-propylamine	7.18	70	171732	45.134	ng	# 87
20) 3+4-Methylphenols	7.20	107	278680	49.028	ng	96
22) Acetophenone	7.18	105	364205	44.250	ng	# 91
24) Nitrobenzene	7.35	77	254738	45.027	ng	94
25) Isophorone	7.59	82	476761	46.794	ng	97
26) 2-Nitrophenol	7.67	139	155256	47.914	ng	# 84
27) 2,4-Dimethylphenol	7.71	122	237093	49.660	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	237546	33.291	ng	99
29) 2,4-Dichlorophenol	7.93	162	241081	48.609	ng	94
30) 1,2,4-Trichlorobenzene	7.98	180	234140	44.184	ng	99
31) Naphthalene	8.06	128	787857	45.152	ng	99
32) Benzoic acid	7.89	122	150966	35.924	ng	87
34) Hexachlorobutadiene	8.16	225	118097	43.327	ng	99
35) Caprolactam	8.52	113	54179m	34.737	ng	
36) 4-Chloro-3-methylphenol	8.63	107	232350	45.899	ng	93
37) 2-Methylnaphthalene	8.75	142	553320	47.319	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	229506	42.190	ng	# 98
40) Hexachlorocyclopentadiene	8.89	237	54817	55.071	ng	96
42) 2,4,6-Trichlorophenol	9.05	196	150961	45.879	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	142450	40.796	ng	95
45) 1,1'-Biphenyl	9.22	154	652651	42.834	ng	98
46) 2-Chloronaphthalene	9.25	162	511151	46.193	ng	95
47) 2-Nitroaniline	9.36	65	91604	31.542	ng	# 83
48) Acenaphthylene	9.66	152	702063	41.193	ng	99
49) Dimethylphthalate	9.52	163	586822	43.996	ng	99
50) 2,6-Dinitrotoluene	9.60	165	134371	47.921	ng	91
51) Acenaphthene	9.83	154	460517	44.222	ng	98
52) 3-Nitroaniline	9.80	138	16714	5.059	ng	# 85
53) 2,4-Dinitrophenol	9.91	184	120106	106.437	ng	# 80
54) Dibenzofuran	10.00	168	700458	47.651	ng	99
55) 4-Nitrophenol	10.00	139	378277	219.127	ng	# 14
56) 2,4-Dinitrotoluene	10.02	165	182140	53.939	ng	# 76
57) Fluorene	10.35	166	558546	45.892	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	124059	50.674	ng	91
59) Diethylphthalate	10.22	149	566973	43.529	ng	97
60) 4-Chlorophenyl-phenylether	10.33	204	258469	45.124	ng	93
61) 4-Nitroaniline	10.40	138	39720	12.601	ng	# 82
62) Azobenzene	10.50	77	465088	42.595	ng	86
64) 4,6-Dinitro-2-methylphenol	10.43	198	83884	42.201	ng	# 73
65) n-Nitrosodiphenylamine	10.46	169	103090	8.832	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	150135	45.100	ng	93
67) Hexachlorobenzene	10.90	284	153270	45.004	ng	94
69) Pentachlorophenol	11.11	266	111018	76.288	ng	97
70) Phenanthrene	11.32	178	787514	44.130	ng	99
71) Anthracene	11.37	178	811590	44.805	ng	100
72) Carbazole	11.53	167	152054	8.926	ng	97
73) Di-n-butylphthalate	11.83	149	911501	41.953	ng	99
74) Fluoranthene	12.51	202	818838	44.153	ng	97
77) Pyrene	12.74	202	764894	44.225	ng	99
79) Butylbenzylphthalate	13.34	149	363898	42.727	ng	86
80) Benzo(a)anthracene	13.93	228	639846	44.375	ng	98
82) Chrysene	13.97	228	642208	47.375	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	535460	44.770	ng	99
84) Di-n-octyl phthalate	14.50	149	876223	42.684	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.87	276	324060	26.041	ng	95
87) Benzo(b)fluoranthene	14.98	252	495574	188.798	ng	98
88) Benzo(k)fluoranthene	15.01	252	513605	207.502	ng	99
89) Benzo(a)pyrene	15.34	252	333437	141.414	ng	97
90) Dibenzo(a,h)anthracene	16.86	278	349150	166.648	ng	98
91) Benzo(g,h,i)perylene	17.32	276	252267	123.070	ng	95

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

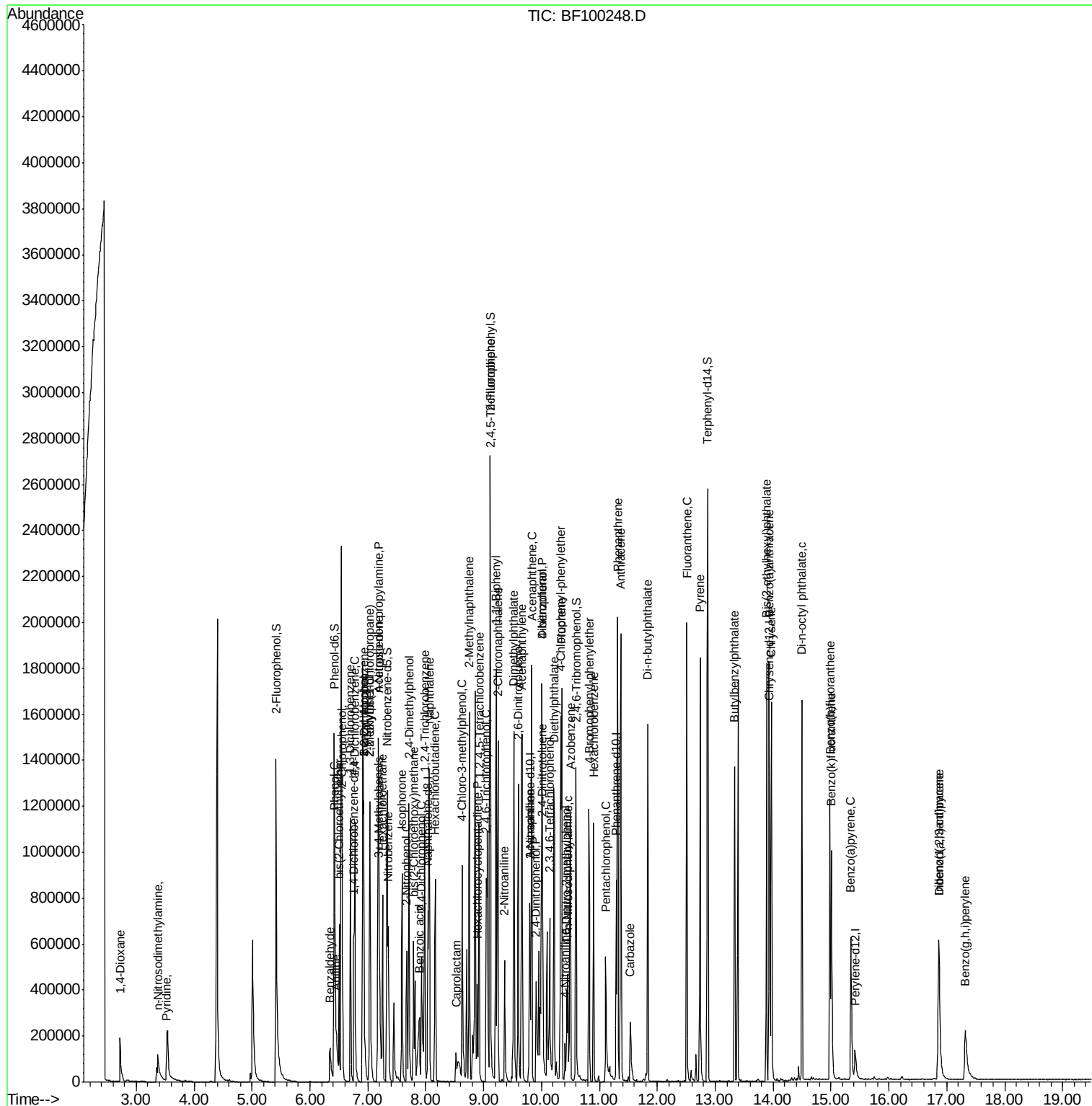
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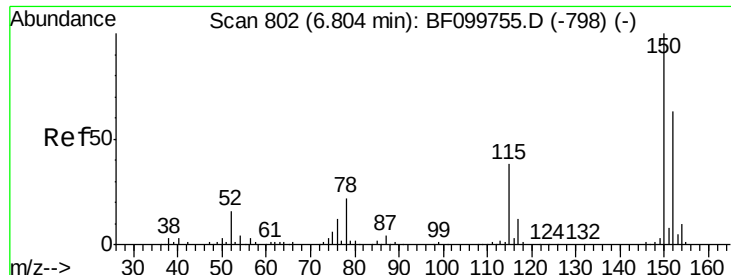
Instrument :
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STRAIGHT-PATH-EAST-COMP(0-3)

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#1

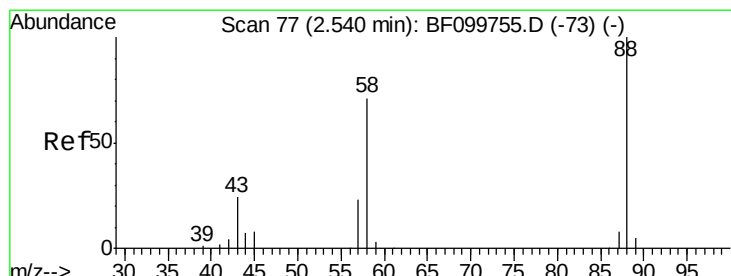
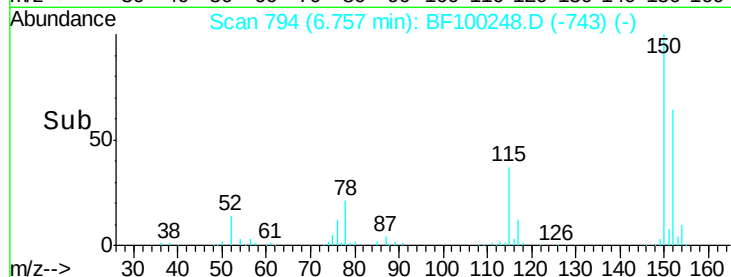
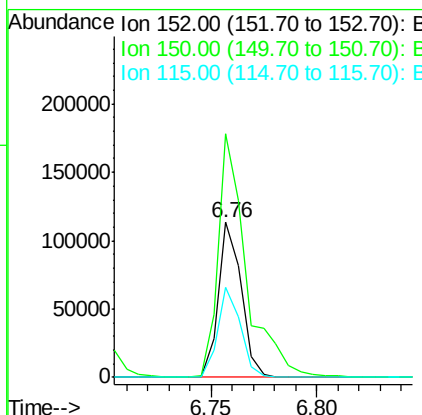
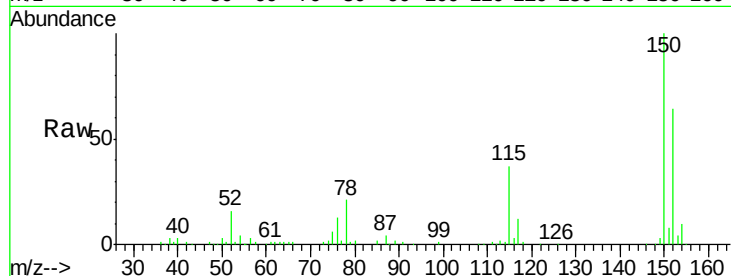
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.5	50.1	75.1

Manual Integrations
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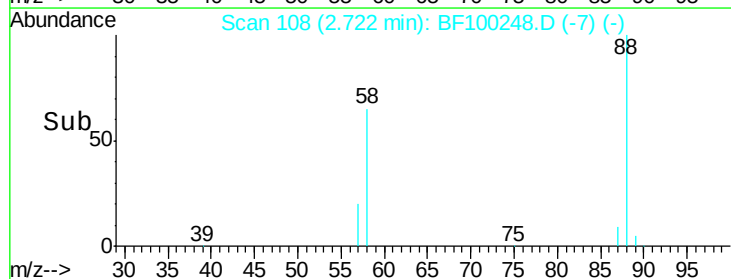
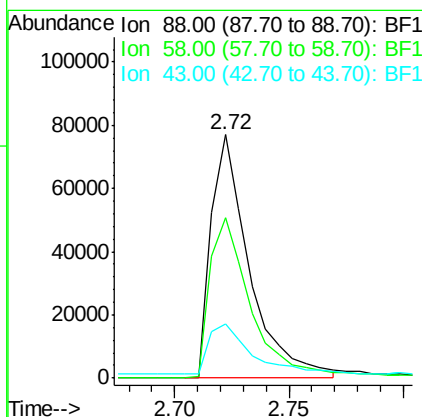
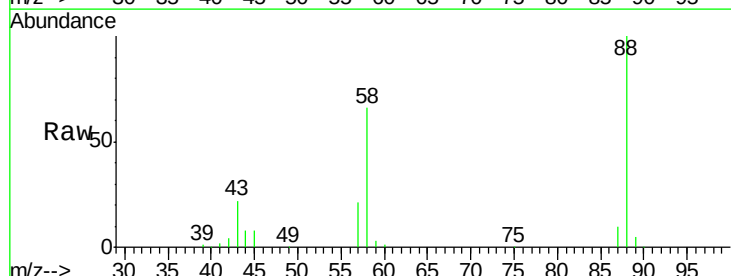
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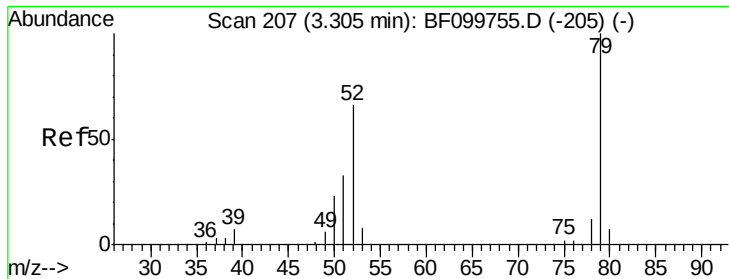


#2

1,4-Dioxane
Concen: 37.043 ng m
RT: 2.72 min Scan# 108
Delta R.T. 0.29 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	0.0	24.6	37.0#





#3

Pyridine

Concen: 10.438 ng m

RT: 3.52 min Scan# 243

Delta R.T. 0.33 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

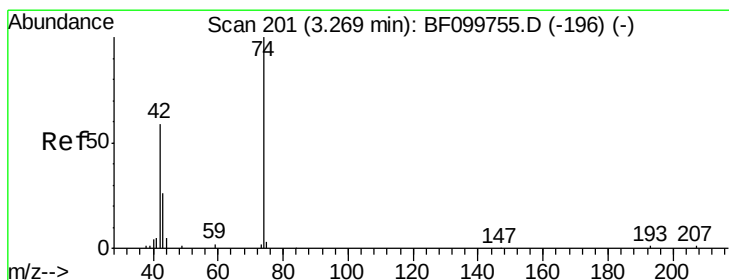
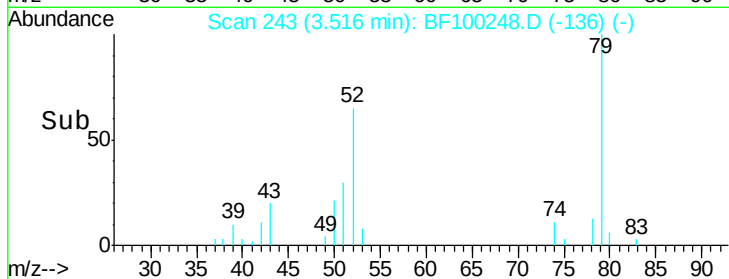
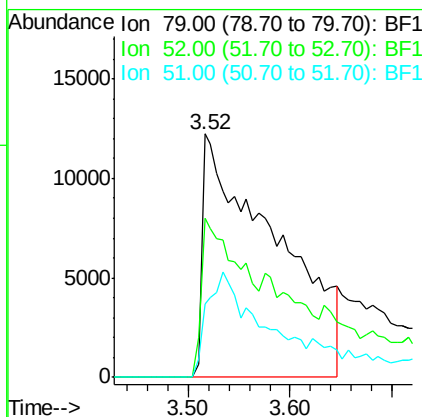
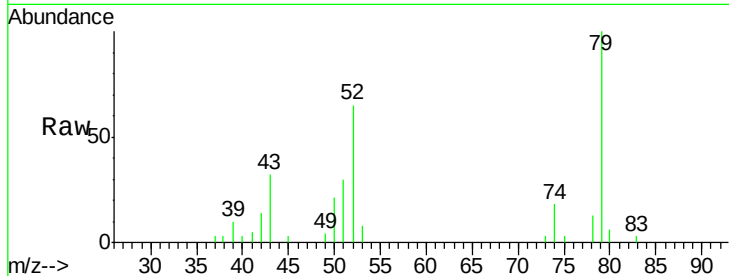
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	79	Resp:	60698
Ion	Ratio	Lower	Upper
79	100		
52	65.5	59.8	89.6
51	30.0	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.542 ng

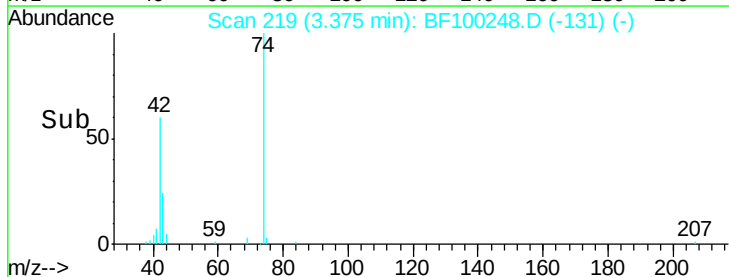
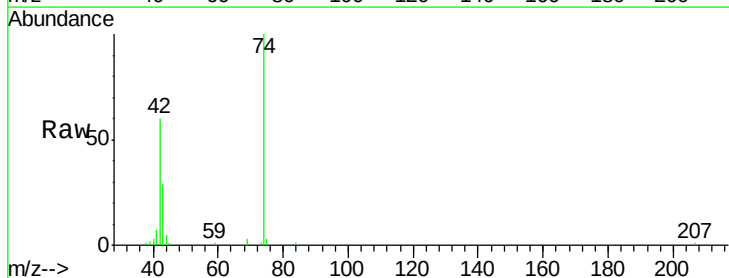
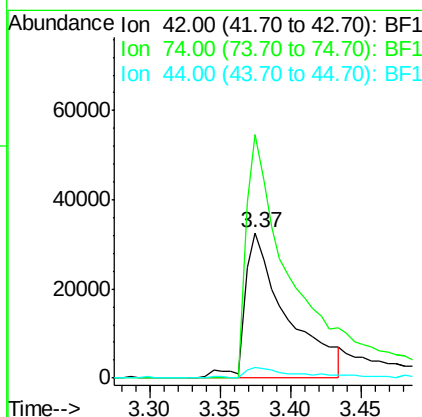
RT: 3.37 min Scan# 219

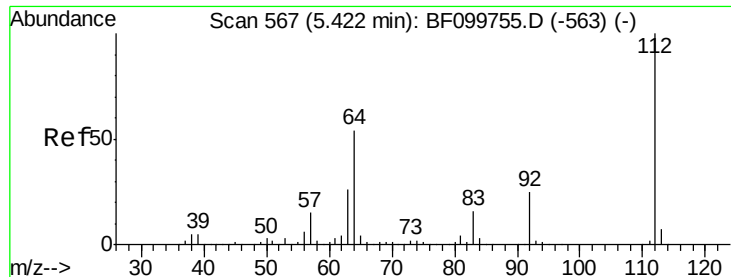
Delta R.T. 0.22 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion:	42	Resp:	67604
Ion	Ratio	Lower	Upper
42	100		
74	167.6	104.9	157.3#
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 131.844 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

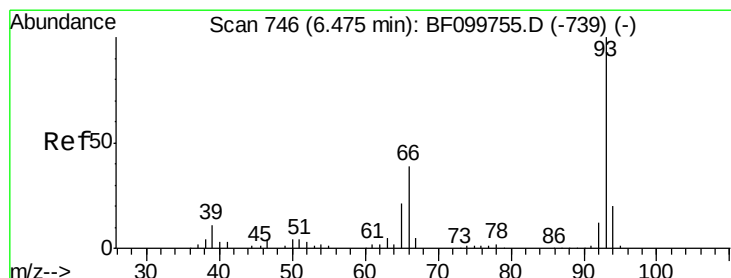
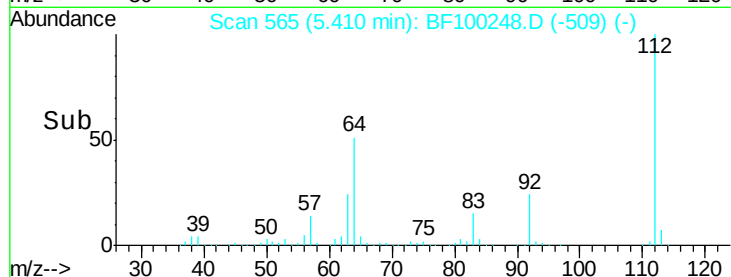
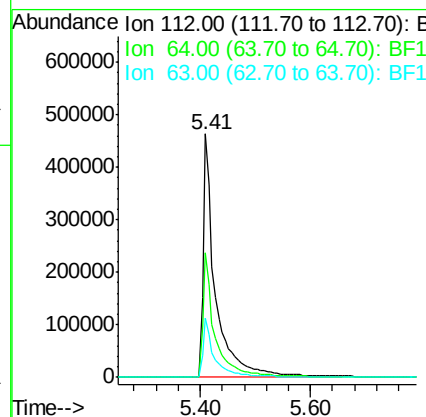
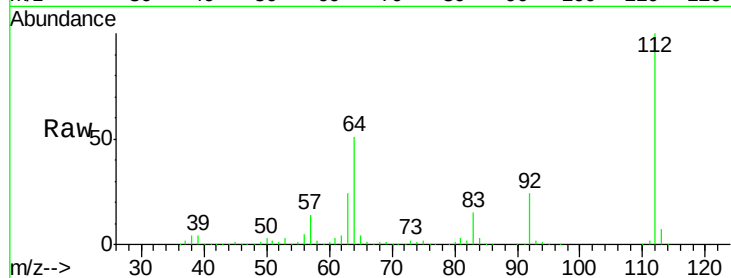
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	112	Resp:	721949
Ion Ratio	Lower	Upper	
112	100		
64	51.3	47.9	71.9
63	24.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 2.566 ng m

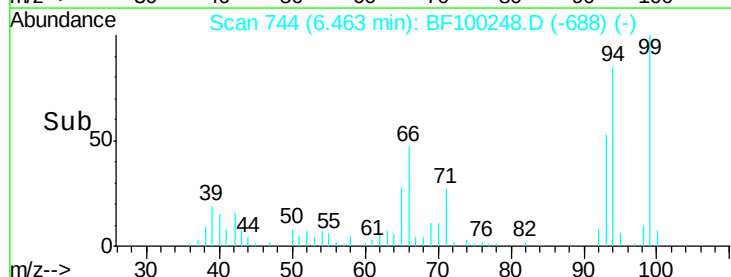
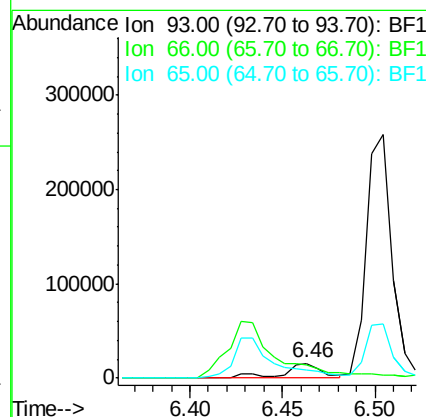
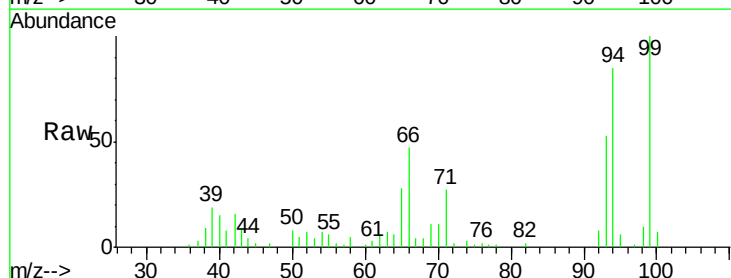
RT: 6.46 min Scan# 744

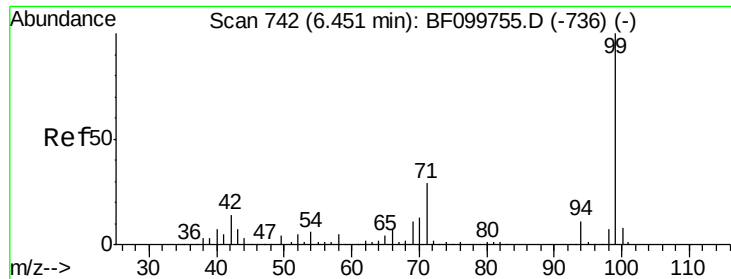
Delta R.T. 0.03 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion:	93	Resp:	21606
Ion Ratio	Lower	Upper	
93	100		
66	89.8	32.2	48.2#
65	53.0	16.4	24.6#





#7

Phenol-d6

Concen: 116.469 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

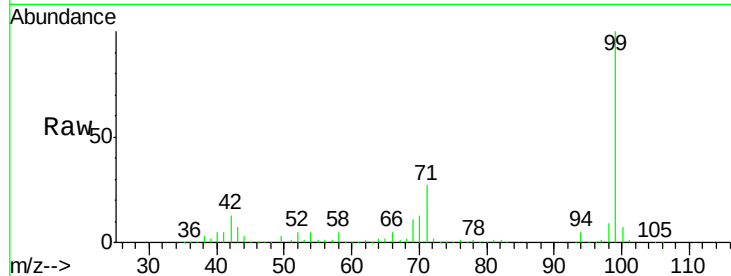
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

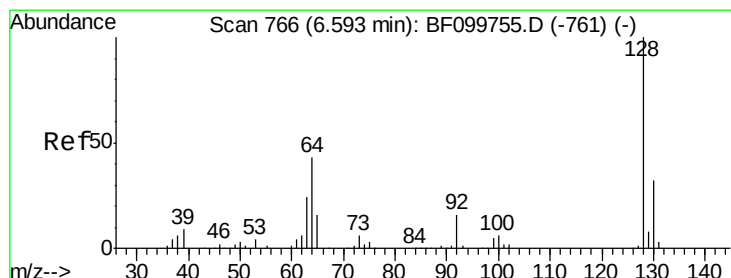
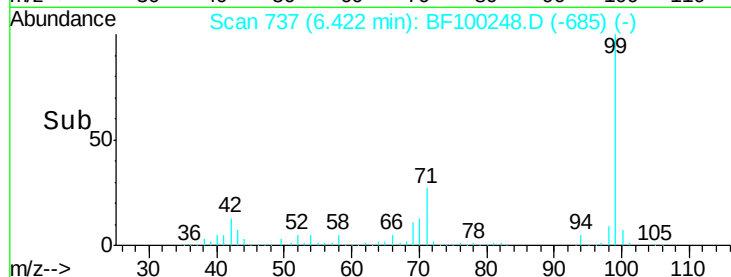
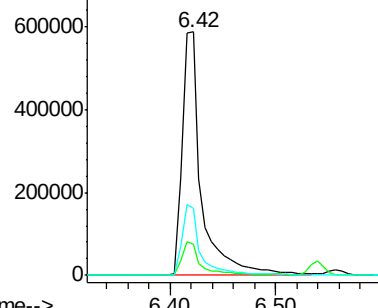
Tgt Ion:	99	Resp:	756203
Ion Ratio	Lower	Upper	
99	100		
42	12.8	14.5	21.7#
71	27.4	25.4	38.0

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



#8

2-Chlorophenol

Concen: 46.551 ng

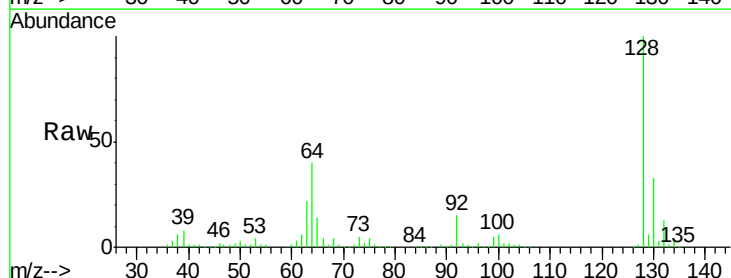
RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

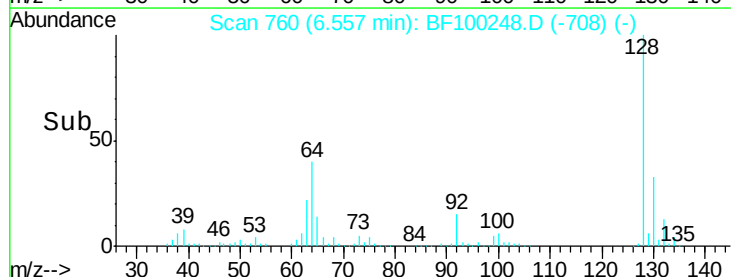
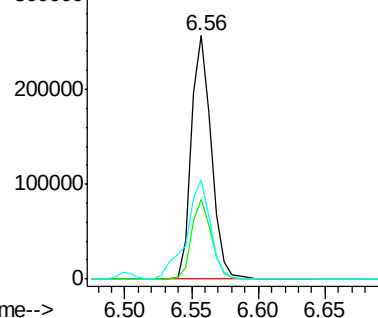
Lab File: BF100248.D

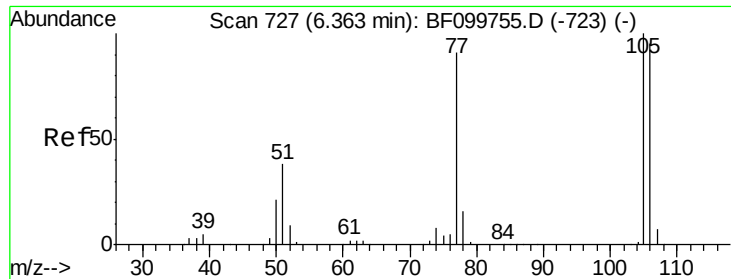
Acq: 6 Nov 2017 13:34

Tgt Ion:	128	Resp:	271674
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.0	53.0
64	40.5	29.4	69.4



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





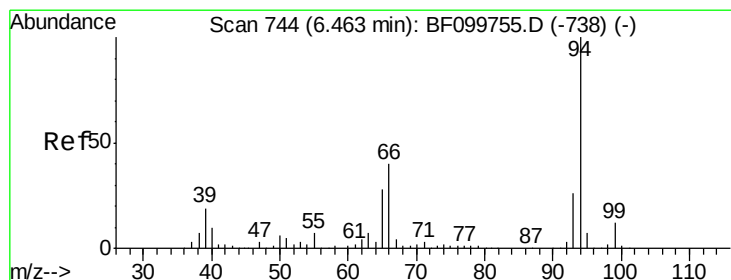
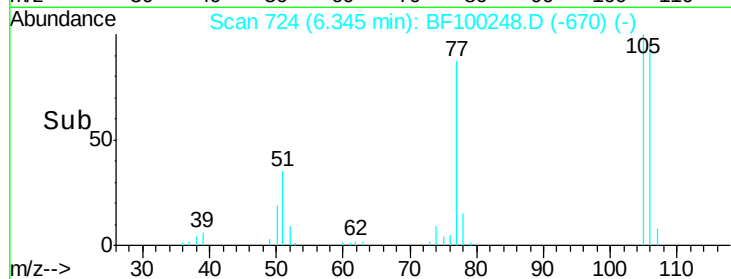
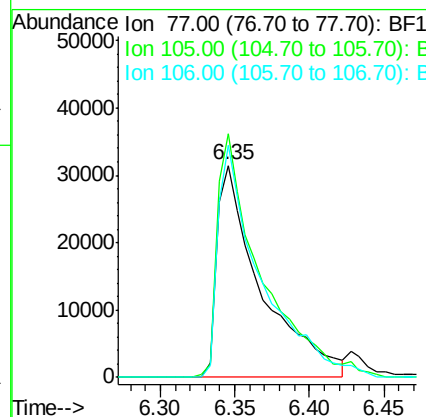
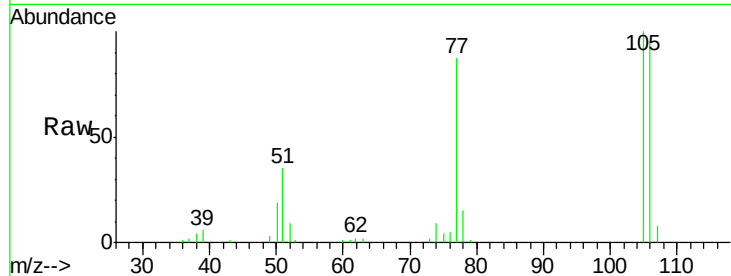
#9
Benzaldehyde
Concen: 16.645 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.02 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
77	100		
105	115.0	81.1	121.1
106	109.7	74.5	114.5

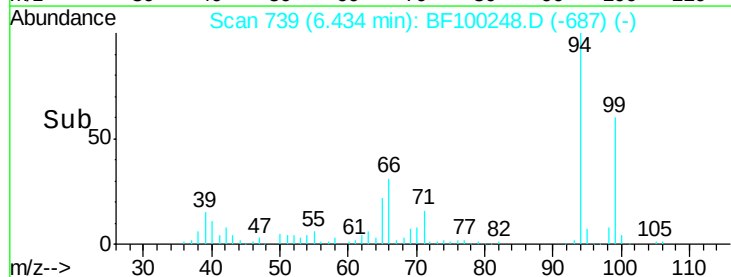
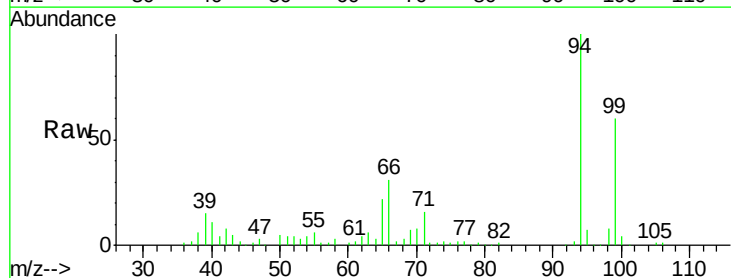
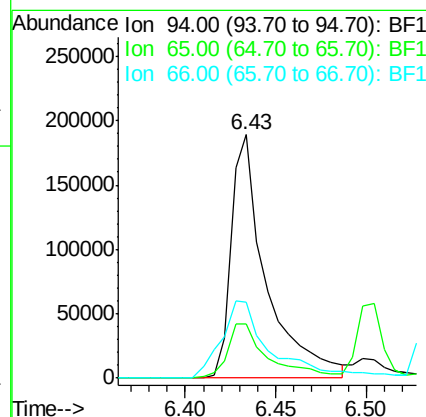
Manual Integrations
APPROVED

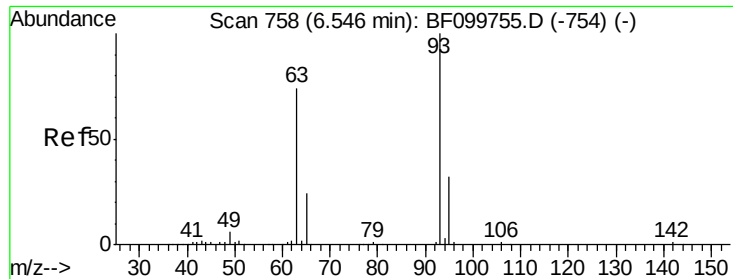
Sohil
11/7/2017 5:39:39 PM



#10
Phenol
Concen: 35.642 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	22.5	7.9	47.9
66	31.4	16.2	56.2





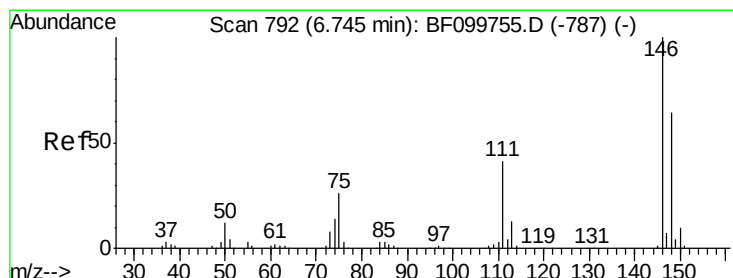
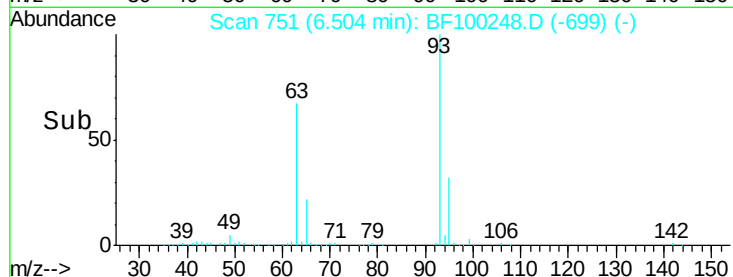
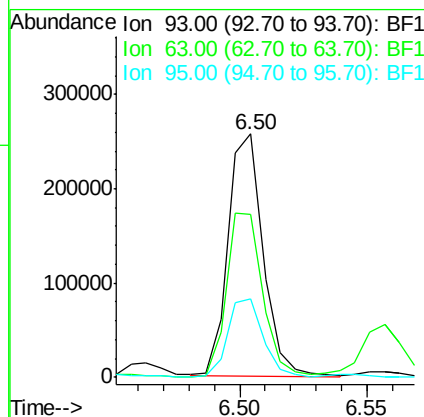
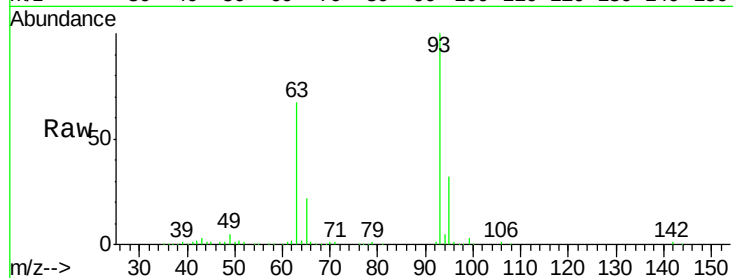
#11
bis(2-Chloroethyl)ether
Concen: 44.773 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	246468		
63	66.8	58.6	98.6	
95	32.1	11.8	51.8	

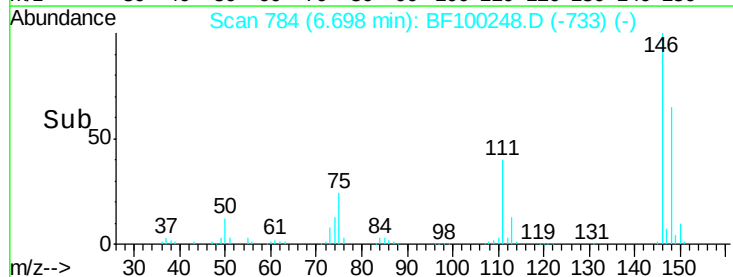
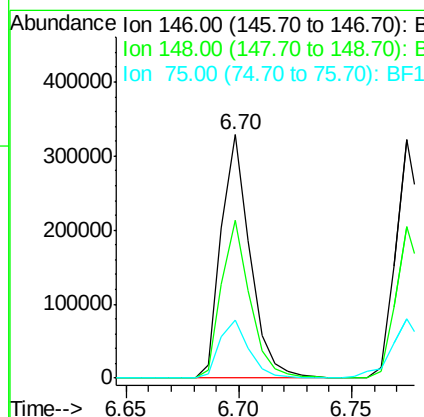
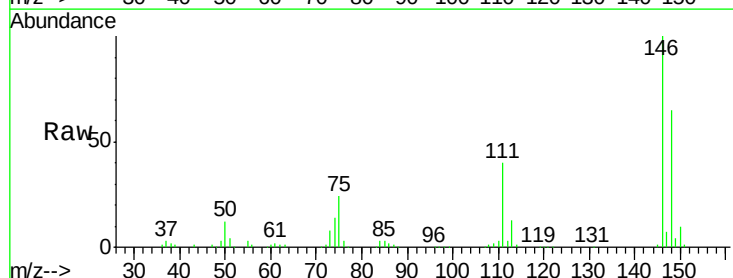
Manual Integrations
APPROVED

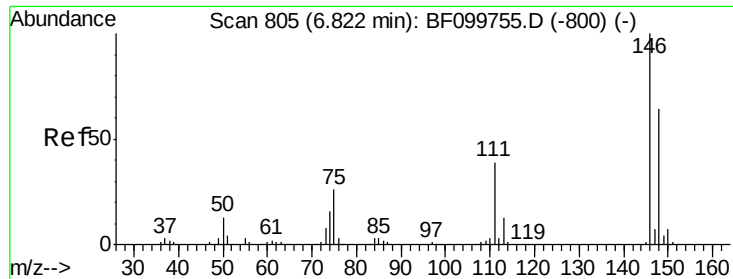
Sohil
11/7/2017 5:39:39 PM



#12
1,3-Dichlorobenzene
Concen: 44.758 ng m
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	293288		
148	64.6	51.8	77.8	
75	24.1	24.2	36.4#	





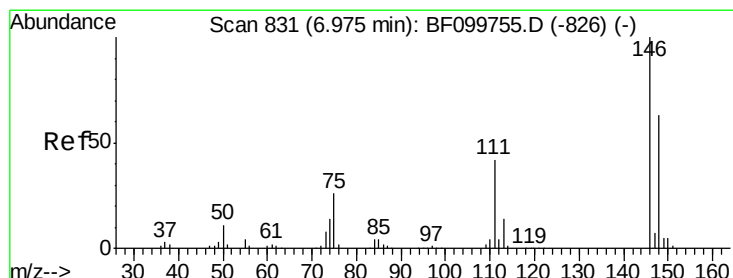
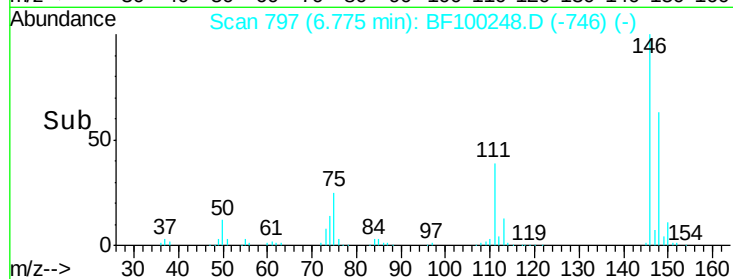
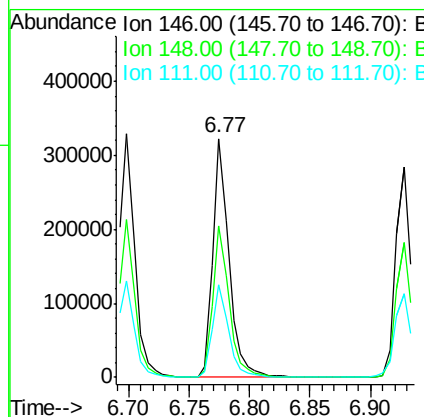
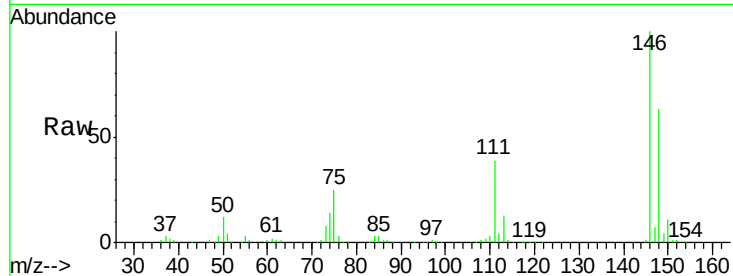
#13
 1,4-Dichlorobenzene
 Concen: 44.973 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	299095		
148	63.3	50.8	76.2	
111	38.8	34.2	51.2	

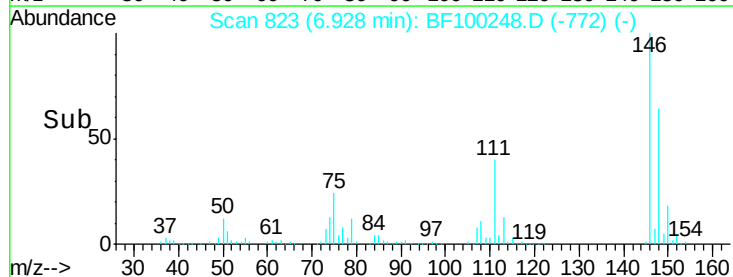
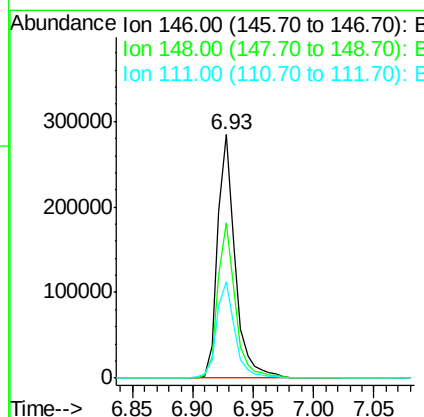
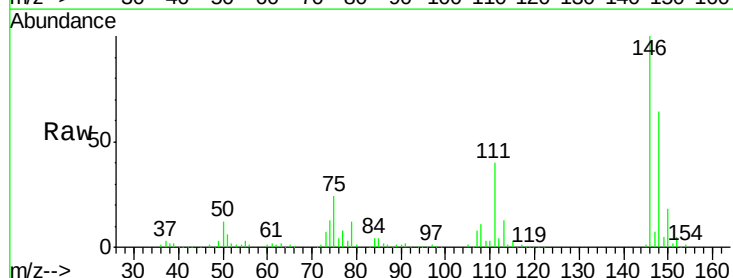
Manual Integrations
 APPROVED

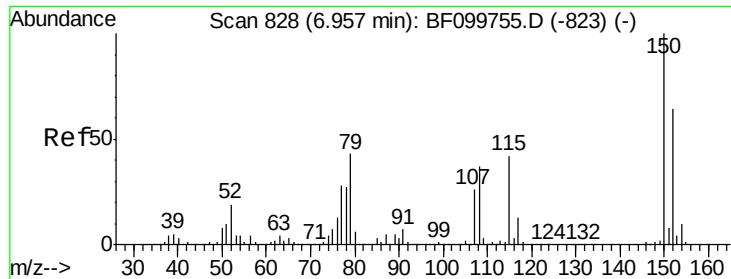
Sohil
 11/7/2017 5:39:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.219 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280146		
148	63.7	50.6	75.8	
111	39.8	36.0	54.0	





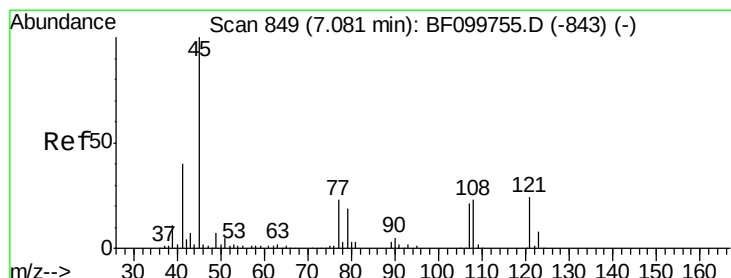
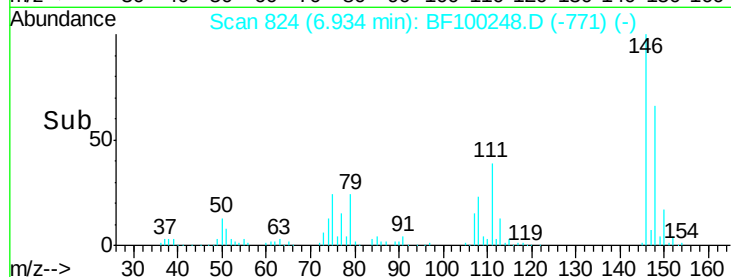
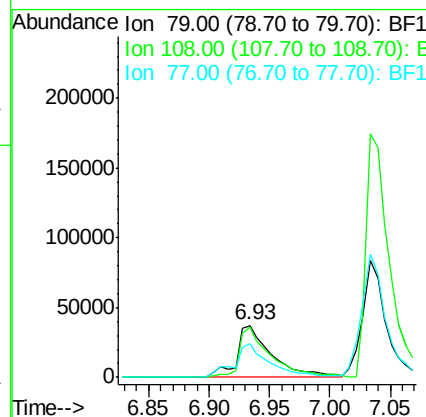
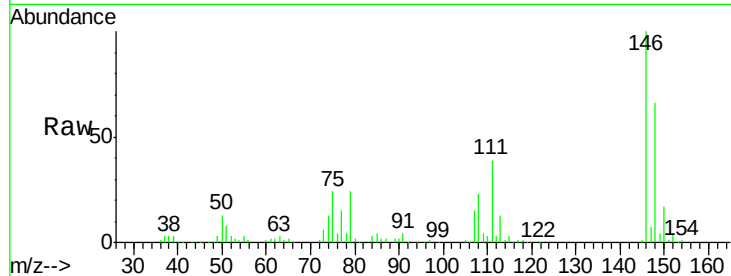
#15
Benzyl Alcohol
Concen: 18.282 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
79	100		
108	96.2	65.1	97.7
77	64.1	50.6	75.8

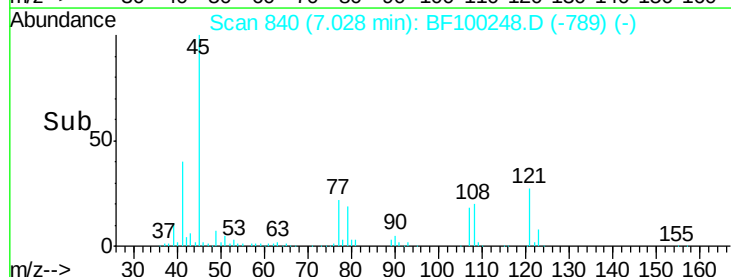
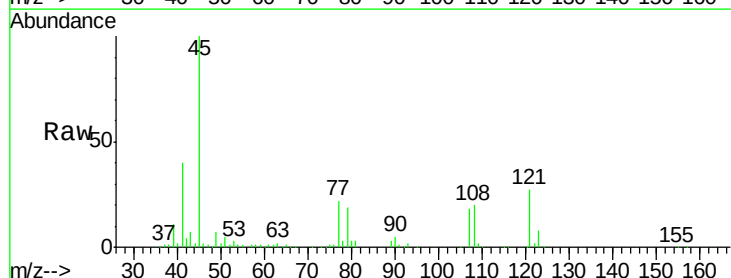
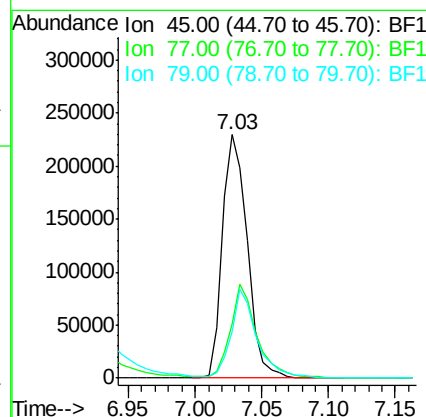
Manual Integrations
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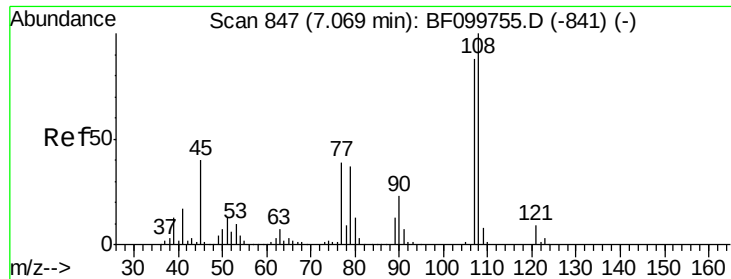
Sohil
11/7/2017 5:39:39 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.631 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.4	0.0	32.9
79	19.0	0.0	29.6





#17

2-Methylphenol

Concen: 42.608 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:107 Resp: 207997
Ion Ratio Lower Upper

107 100

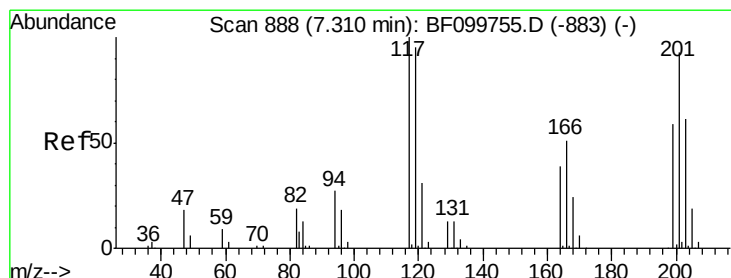
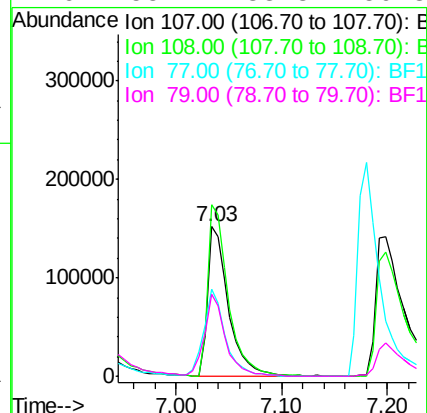
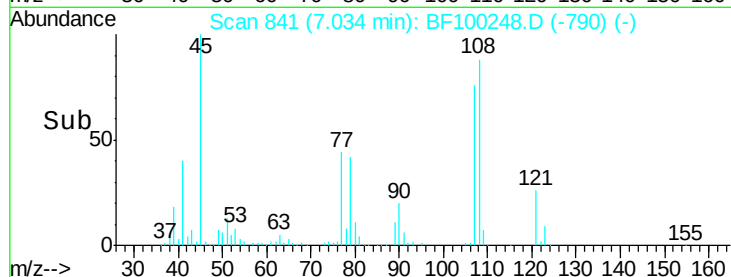
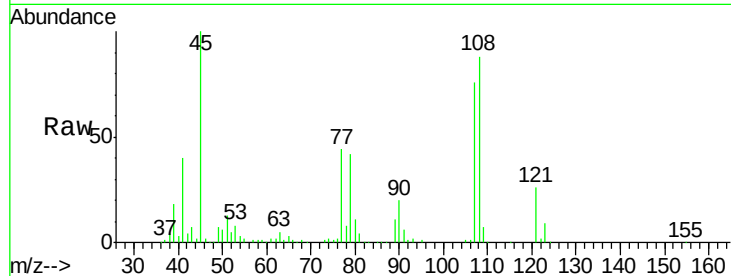
108 115.0 91.7 137.5

77 58.1 33.8 50.8#

79 55.1 33.8 50.8#

Manual Integrations
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Sohil
11/7/2017 5:39:39 PM



#18

Hexachloroethane

Concen: 44.468 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF100248.D

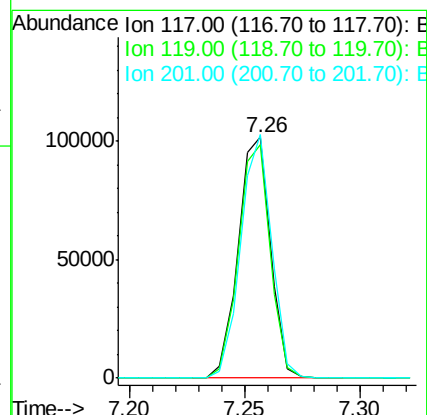
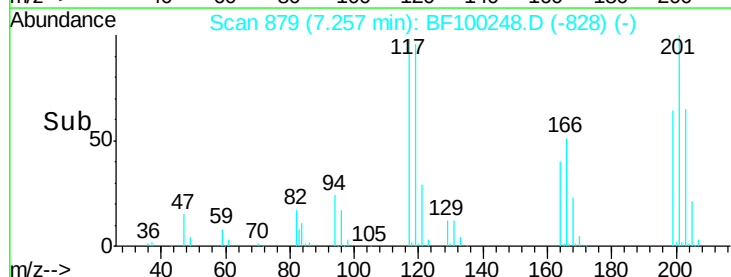
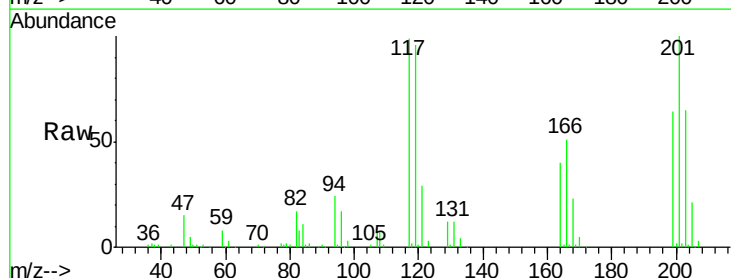
Acq: 6 Nov 2017 13:34

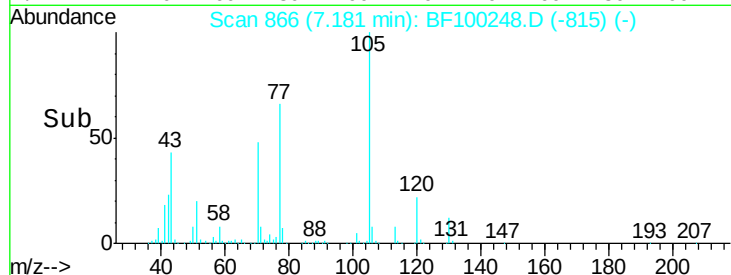
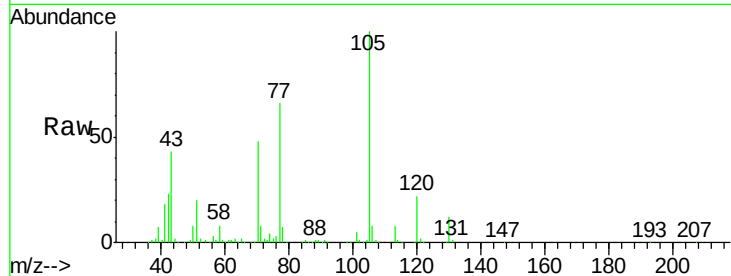
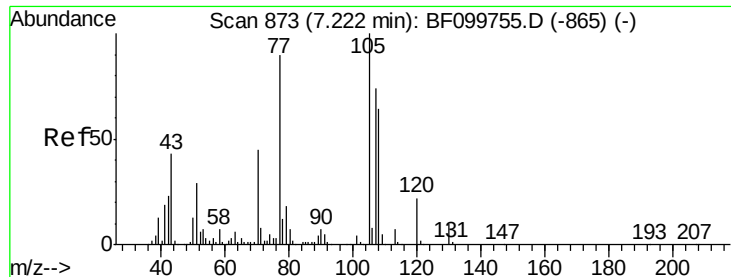
Tgt Ion:117 Resp: 98666
Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.8

201 101.0 75.7 113.5





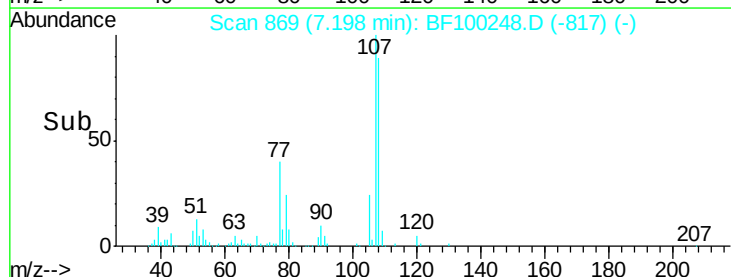
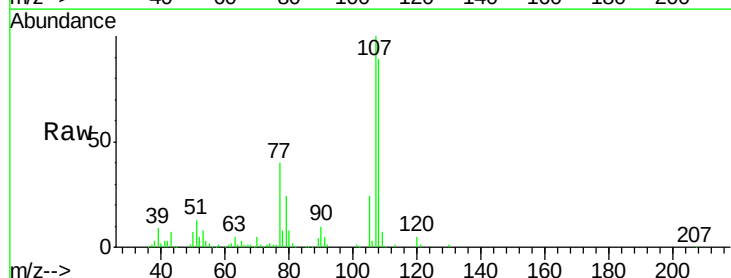
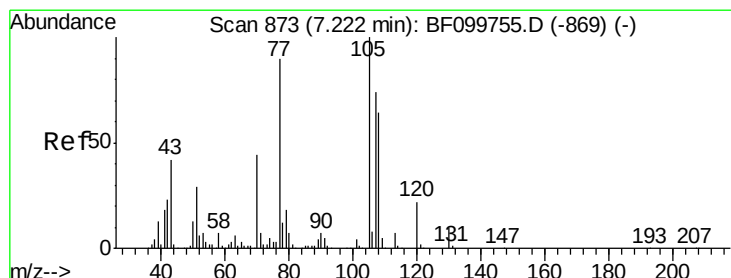
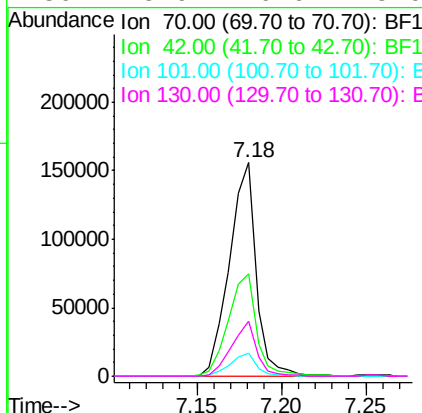
#19
n-Nitroso-di-n-propylamine
Concen: 45.134 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.5	71.3
101	10.6	7.4	11.2
130	25.9	16.6	25.0#

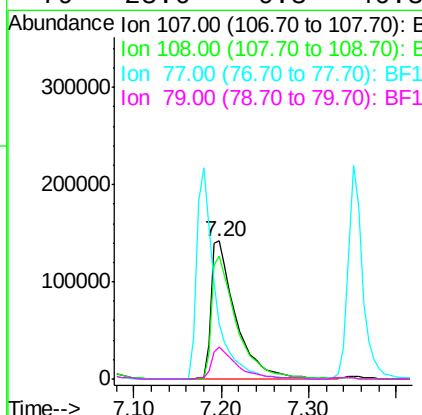
Manual Integrations
APPROVED

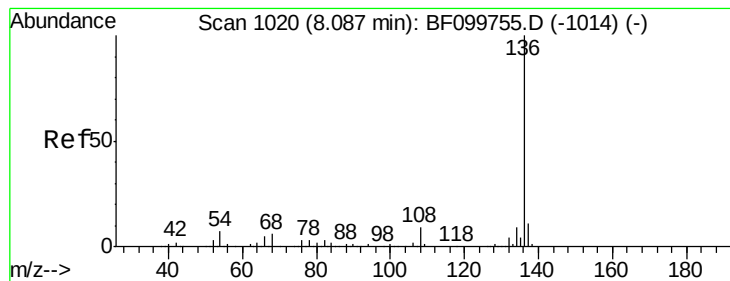
Sohil
11/7/2017 5:39:39 PM



#20
3+4-Methylphenols
Concen: 49.028 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	39.8	26.7	66.7
79	23.6	6.3	46.3





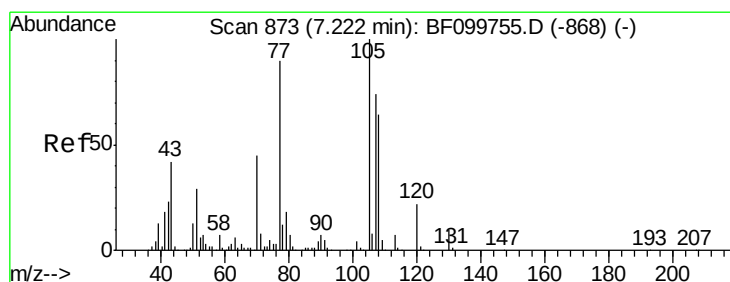
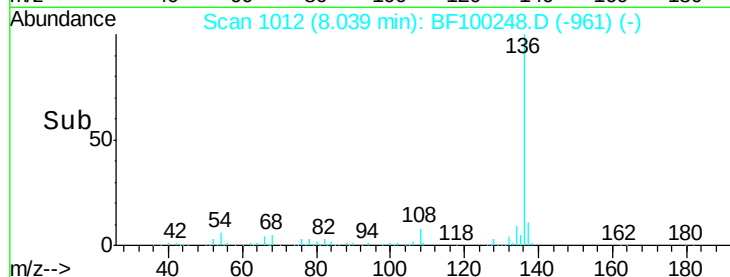
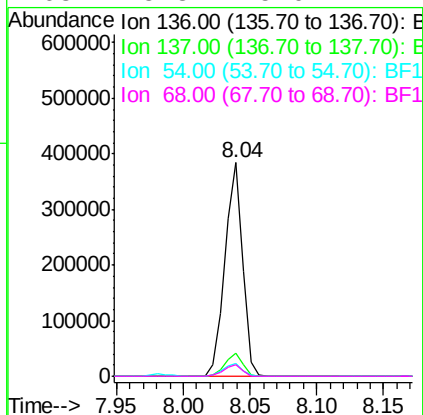
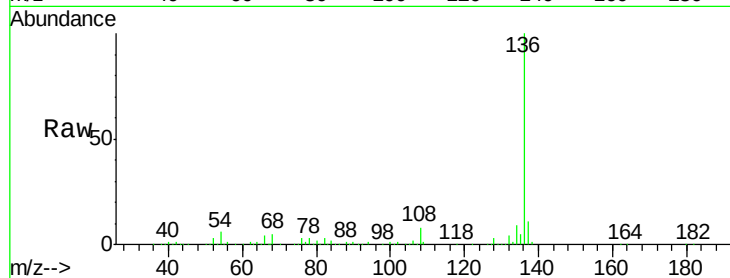
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	361483		
137	10.6	8.9	13.3	
54	5.9	6.6	9.8#	
68	5.3	5.0	7.4	

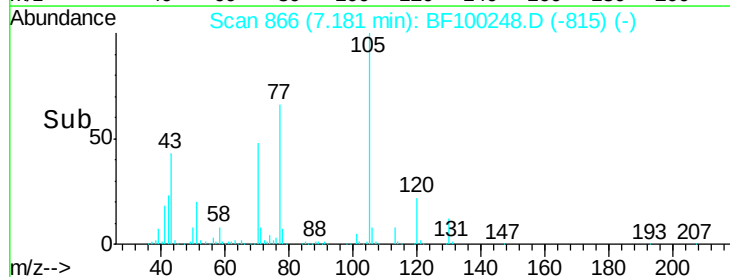
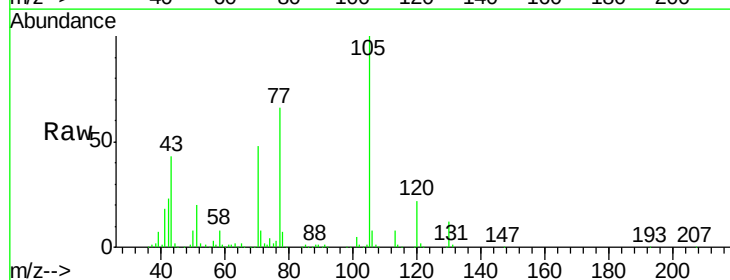
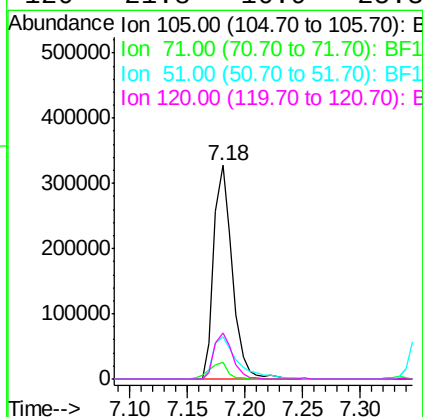
Manual Integrations
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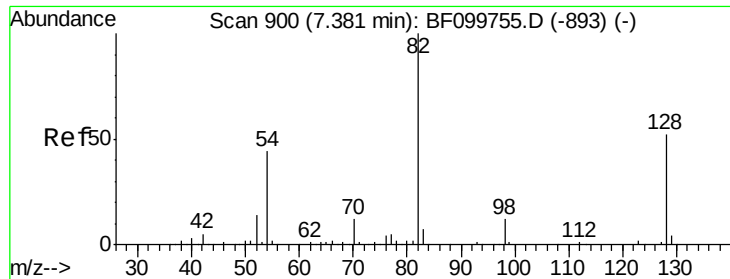
Sohil
11/7/2017 5:39:39 PM



#22
Acetophenone
Concen: 44.250 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	364205		
71	7.8	4.4	6.6#	
51	19.8	22.3	33.5#	
120	21.8	16.9	25.3	





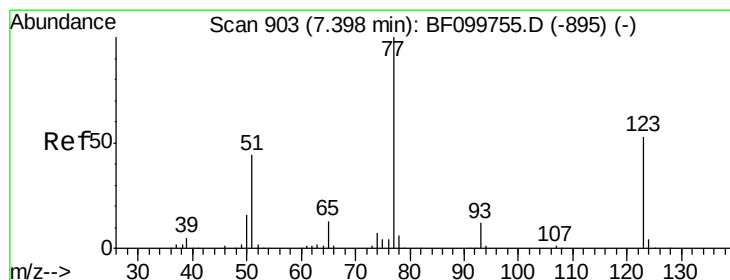
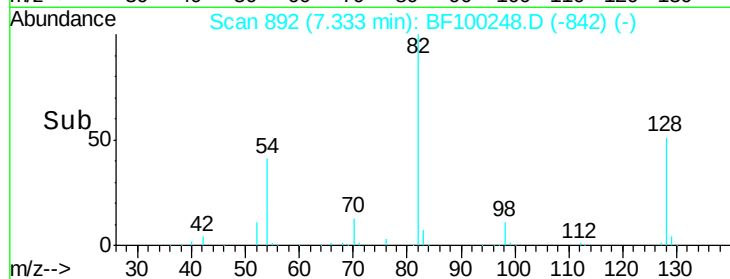
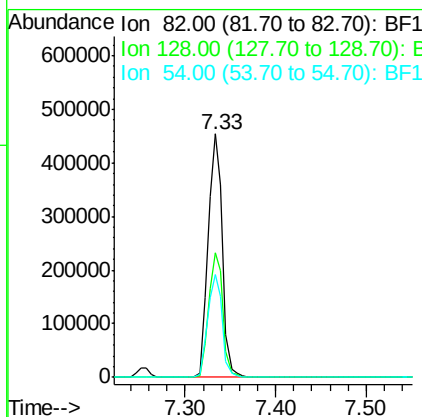
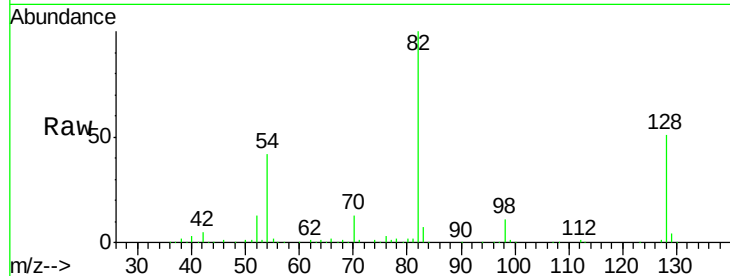
#23
 Nitrobenzene-d5
 Concen: 89.648 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	42.1	41.4	62.2

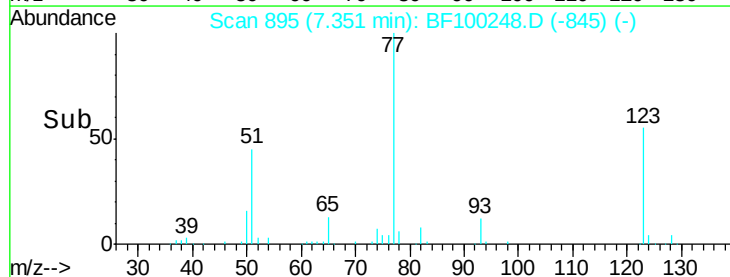
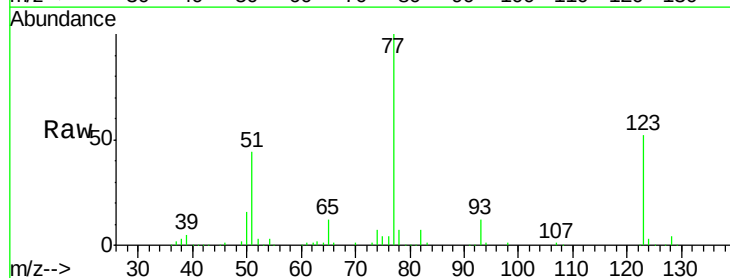
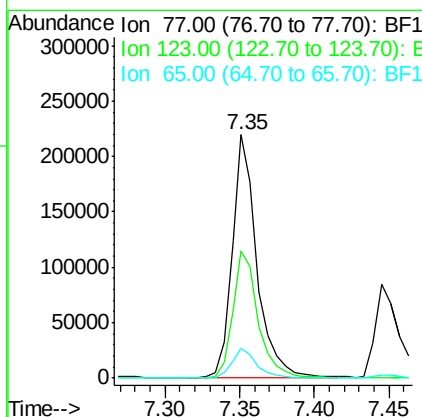
Manual Integrations
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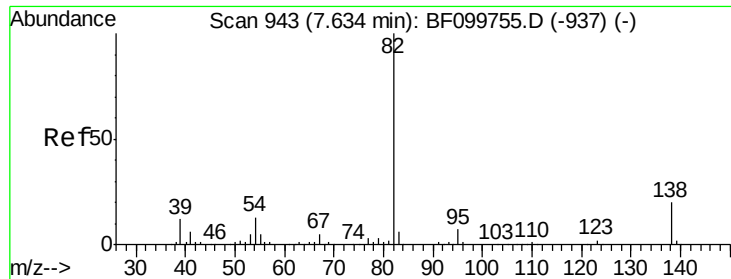
Sohil
 11/7/2017 5:39:39 PM



#24
 Nitrobenzene
 Concen: 45.027 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	37.9	56.9
65	12.2	11.0	16.4





#25

Isophorone

Concen: 46.794 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

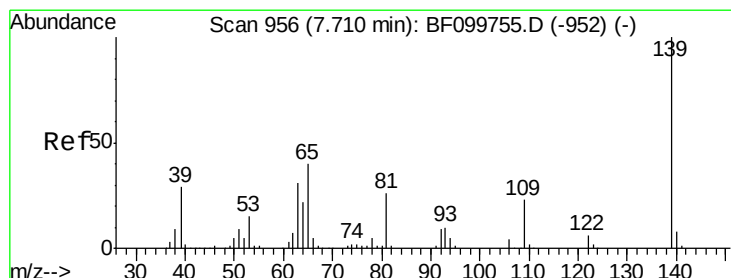
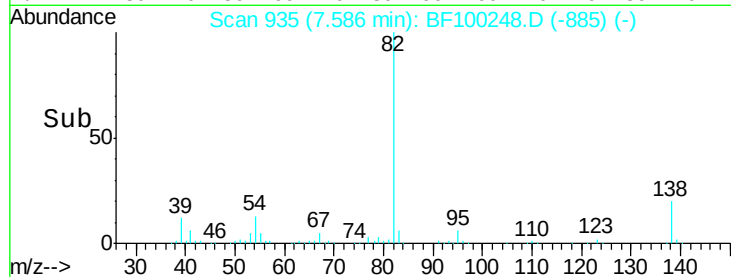
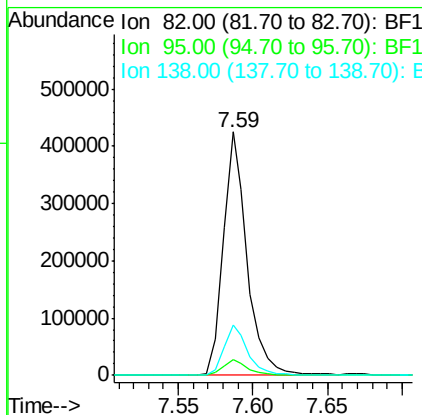
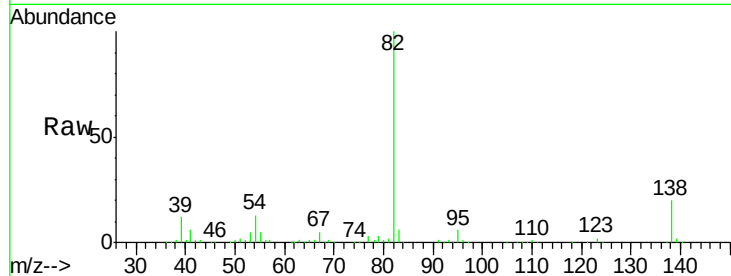
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	82	Resp:	476761
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	20.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
11/7/2017 5:39:39 PM



#26

2-Nitrophenol

Concen: 47.914 ng

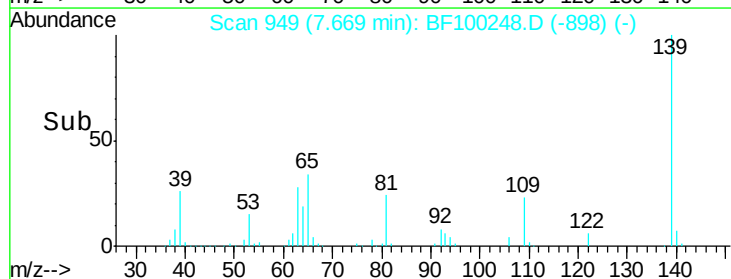
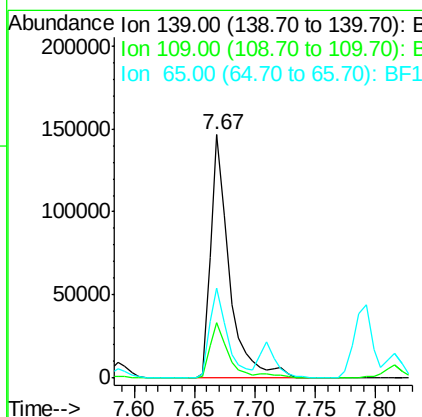
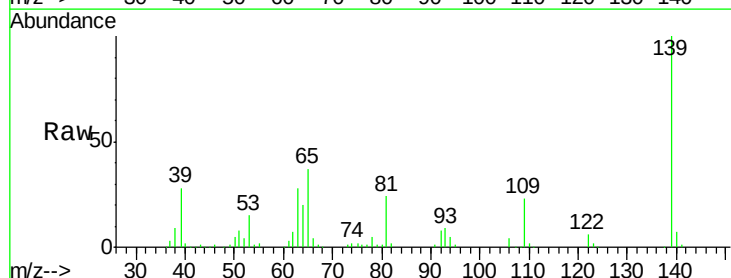
RT: 7.67 min Scan# 949

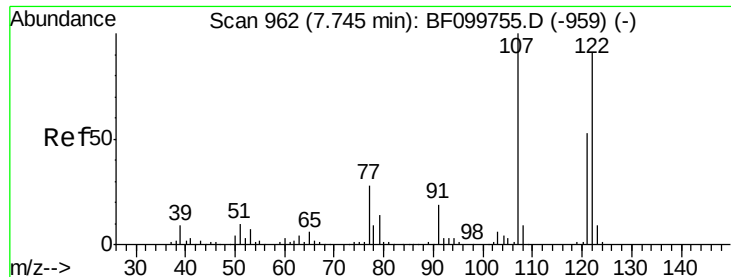
Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion:	139	Resp:	155256
Ion Ratio	Lower	Upper	
139	100		
109	22.7	22.7	34.1#
65	37.1	40.5	60.7#





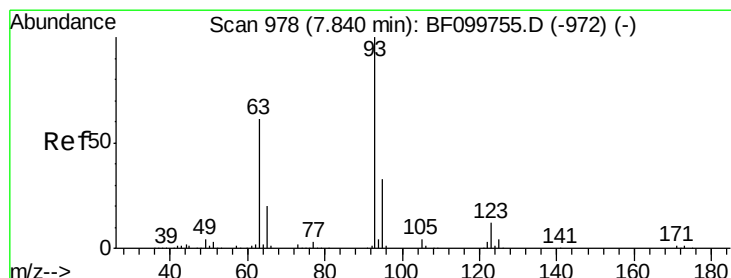
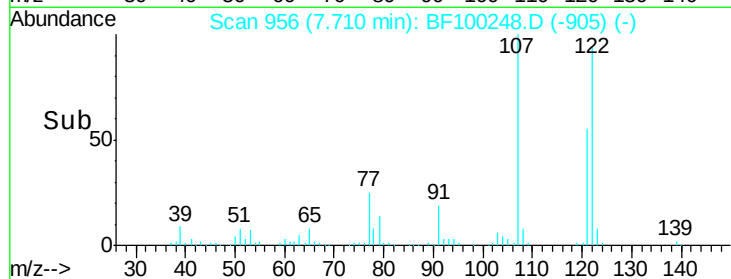
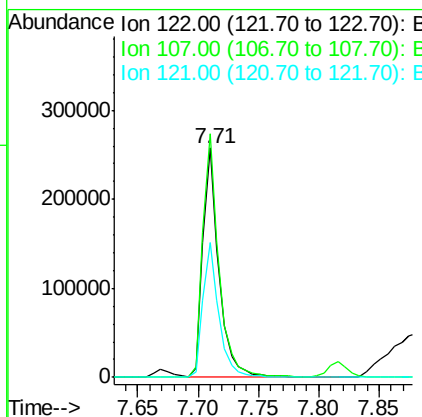
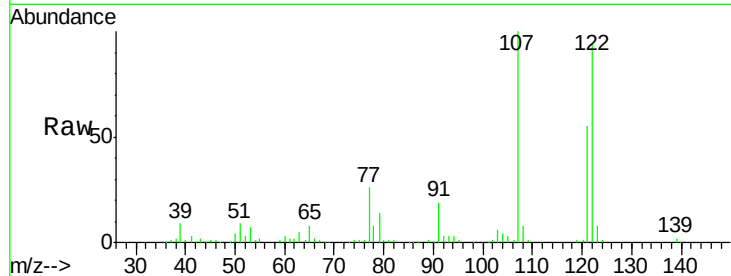
#27
2,4-Dimethylphenol
Concen: 49.660 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	237093		
107	106.2	91.2	136.8	
121	58.8	47.2	70.8	

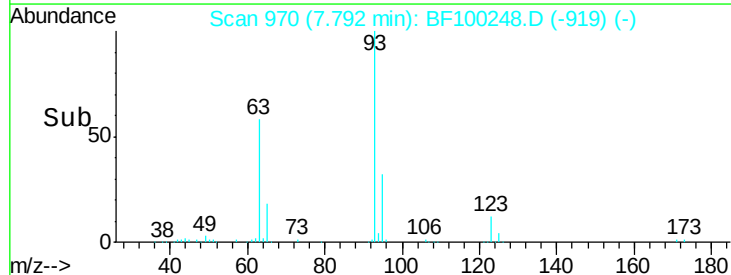
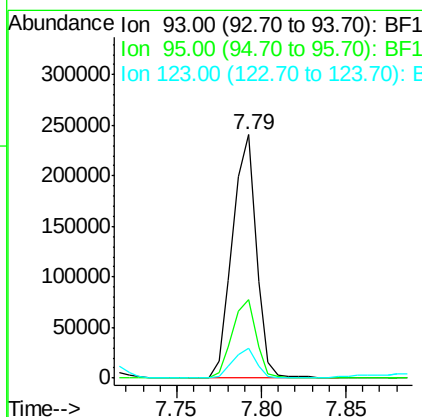
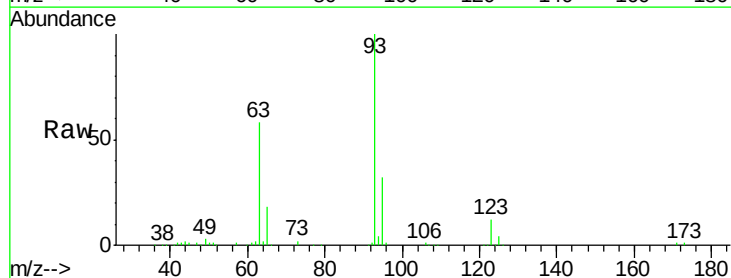
Manual Integrations
APPROVED

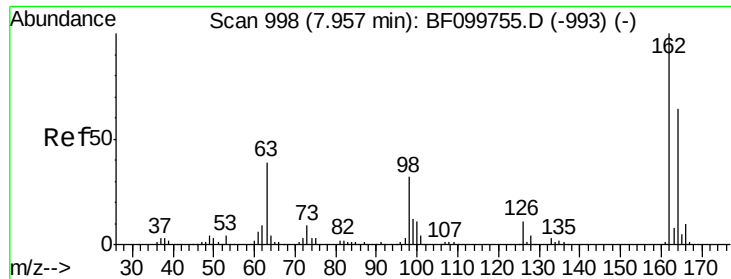
Sohil
11/7/2017 5:39:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 33.291 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	237546		
95	32.3	26.3	39.5	
123	12.1	9.8	14.6	





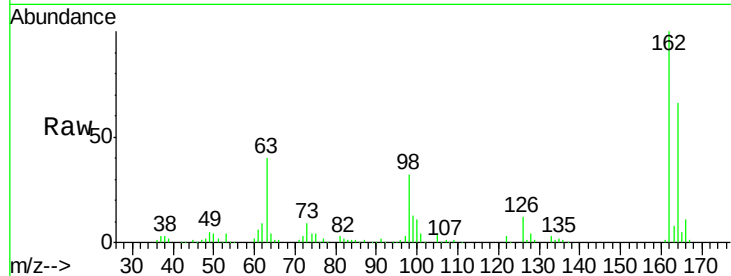
#29
 2,4-Dichlorophenol
 Concen: 48.609 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

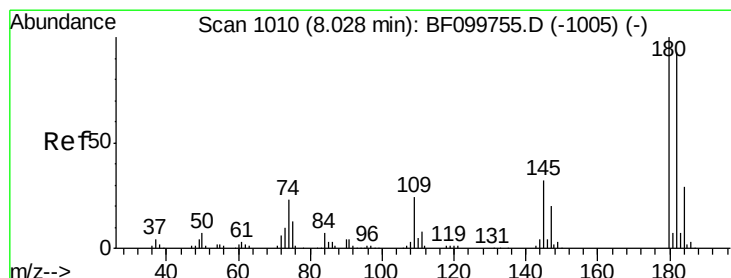
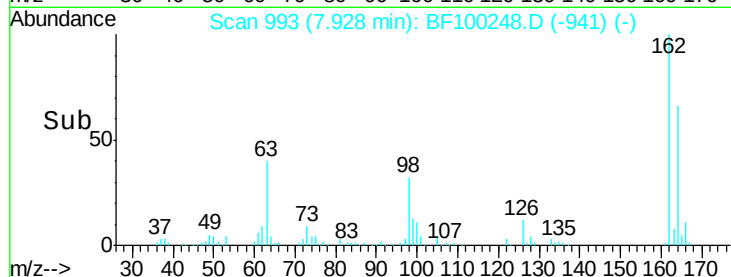
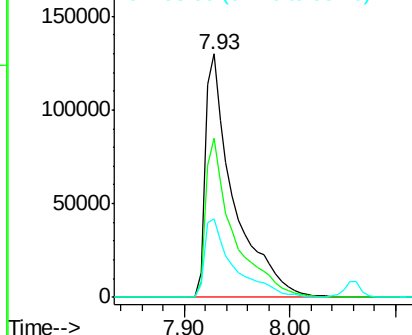
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	241081		
164	65.6	42.7	82.7	
98	32.5	18.1	58.1	

Manual Integrations
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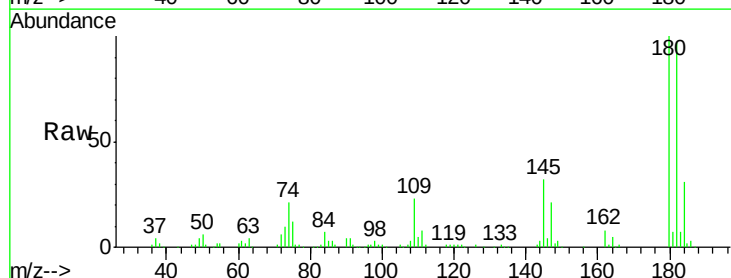


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

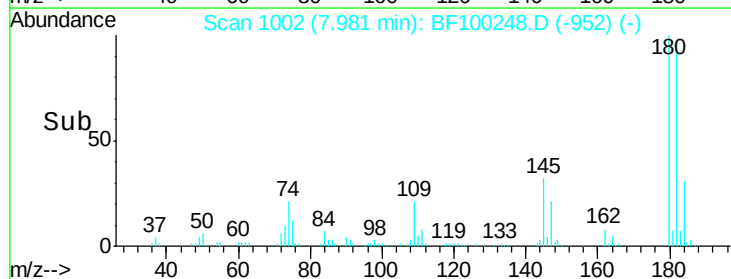
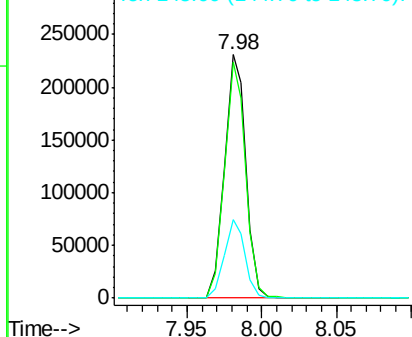


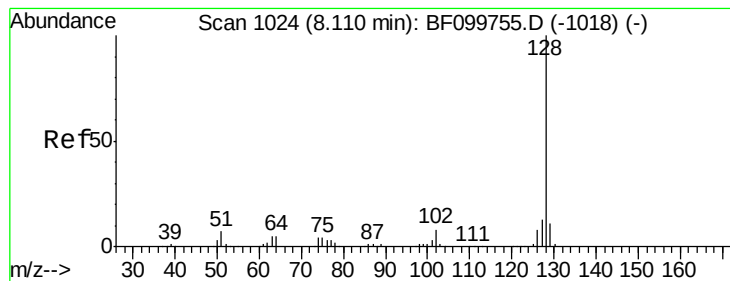
#30
 1,2,4-Trichlorobenzene
 Concen: 44.184 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234140		
182	97.1	76.8	115.2	
145	32.4	26.5	39.7	



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





#31

Naphthalene

Concen: 45.152 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF100248.D

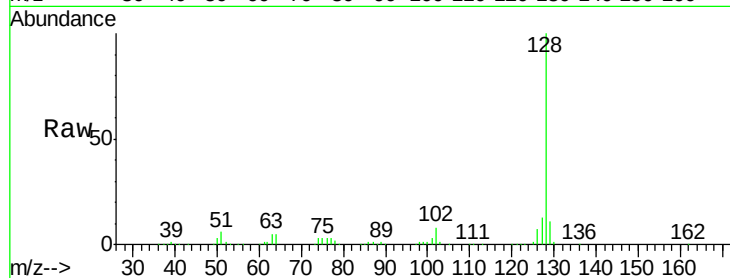
Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

ClientSampleId :

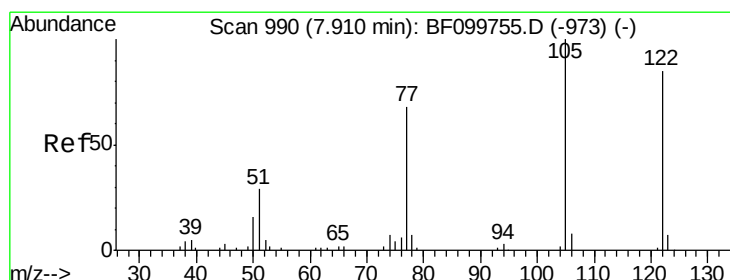
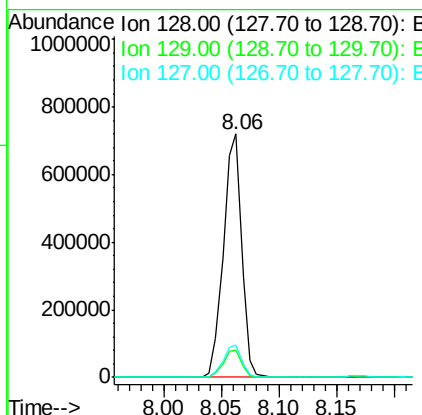
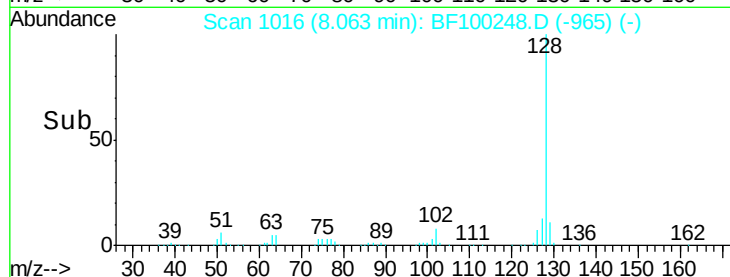
STRAIGHT-PATH-EAST-COMP(0-3)



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	787857		
129	11.1	8.8	13.2	
127	13.2	10.9	16.3	

Manual Integrations
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#32

Benzoic acid

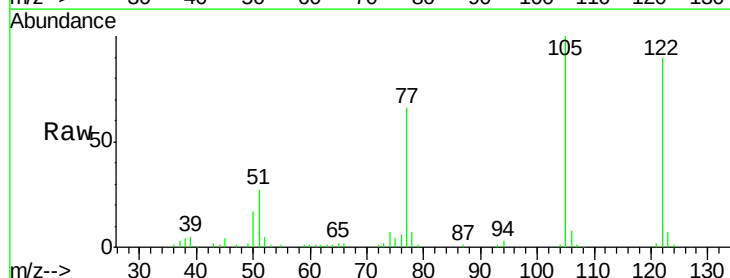
Concen: 35.924 ng

RT: 7.89 min Scan# 987

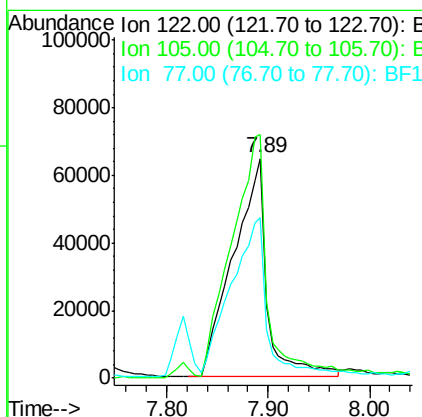
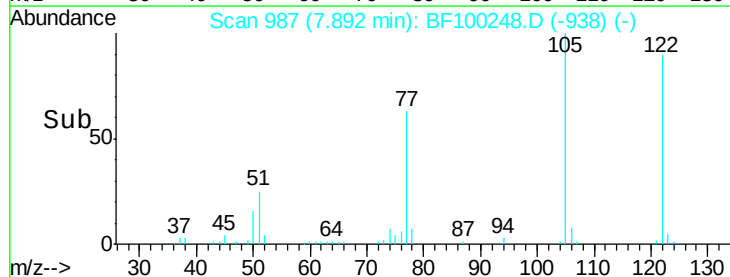
Delta R.T. -0.01 min

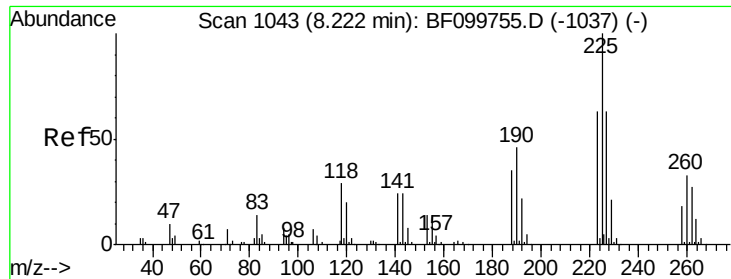
Lab File: BF100248.D

Acq: 6 Nov 2017 13:34



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	150966		
105	111.0	101.1	141.1	
77	73.1	70.7	110.7	





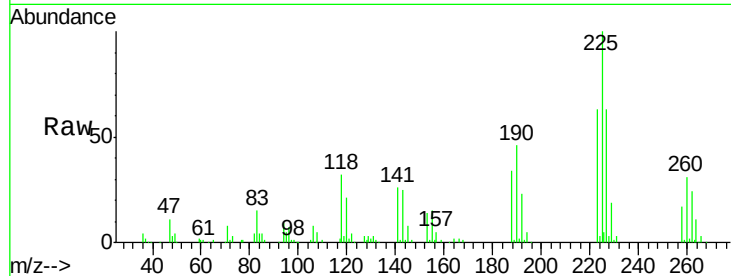
#34
Hexachlorobutadiene
Concen: 43.327 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118097		
223	63.2	50.6	76.0	
227	62.8	51.9	77.9	

Manual Integrations
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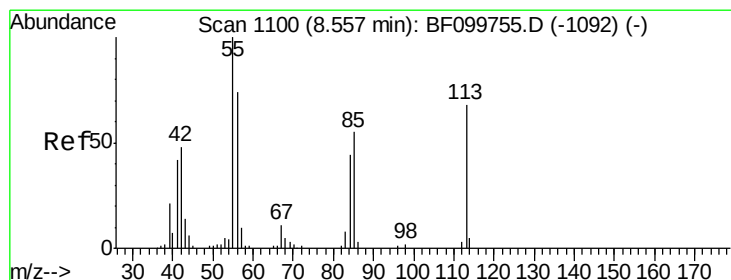
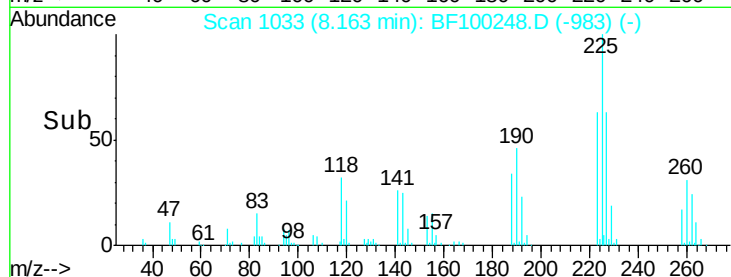
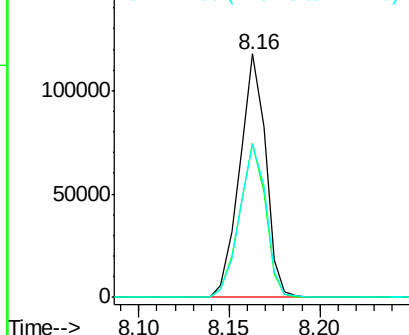


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 34.737 ng m
RT: 8.52 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

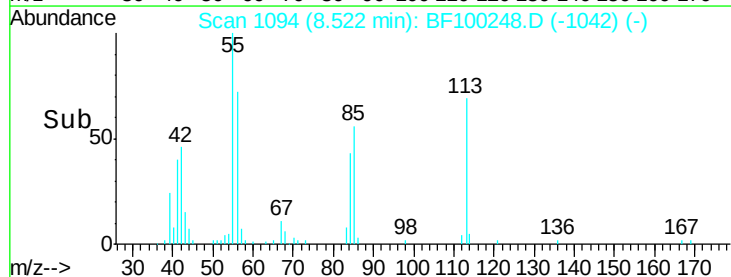
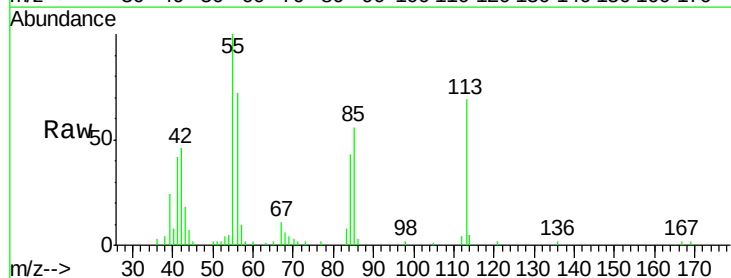
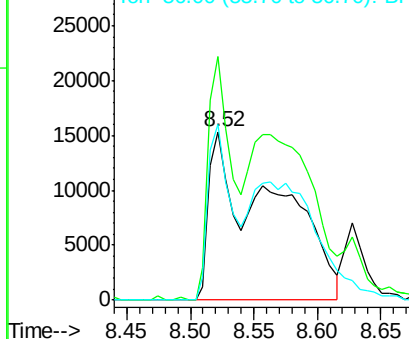
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	54179		
55	144.6	163.3	203.3#	
56	104.7	115.7	155.7#	

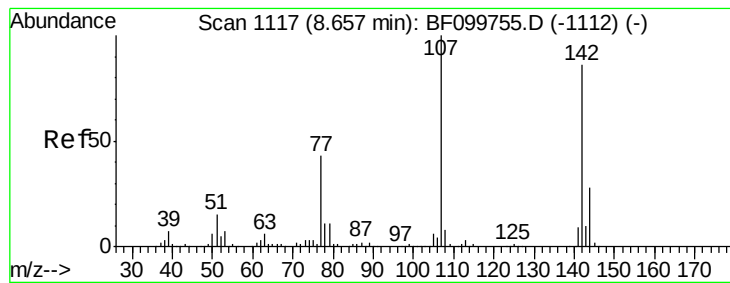
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





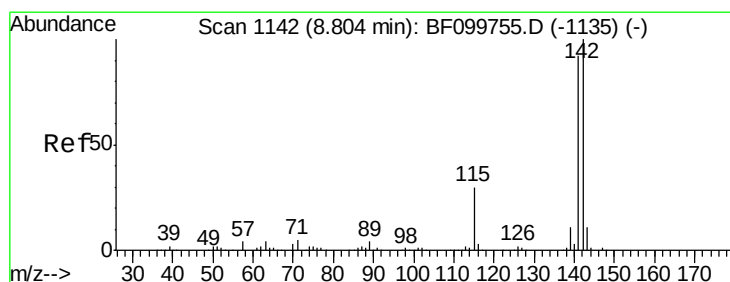
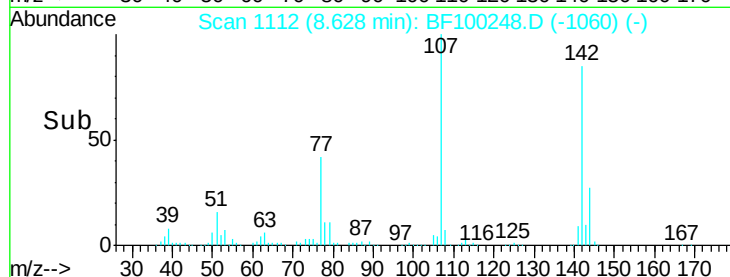
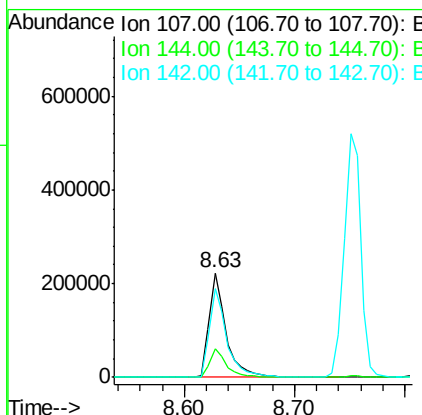
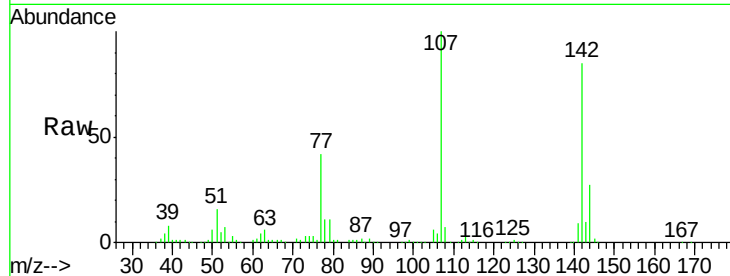
#36
4-Chloro-3-methylphenol
Concen: 45.899 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	232350		
144	27.0	20.5	30.7	
142	84.6	62.0	93.0	

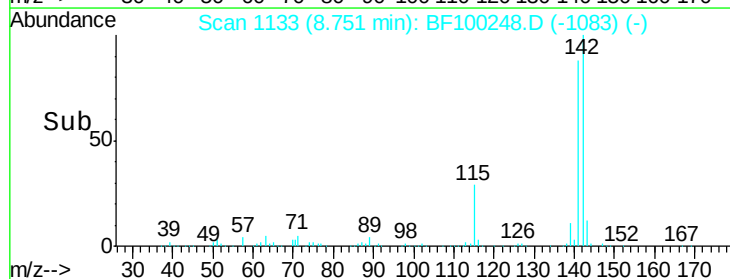
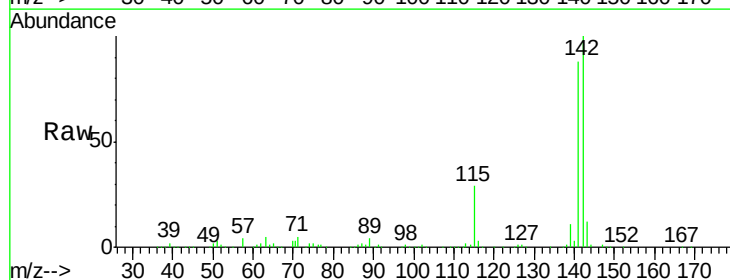
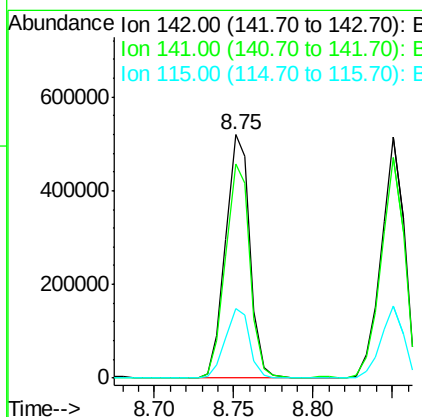
Manual Integrations
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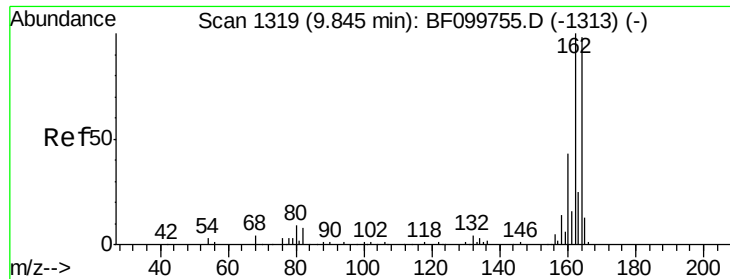
Sohil
11/7/2017 5:39:39 PM



#37
2-Methylnaphthalene
Concen: 47.319 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	553320		
141	87.9	70.8	106.2	
115	28.8	26.1	39.1	





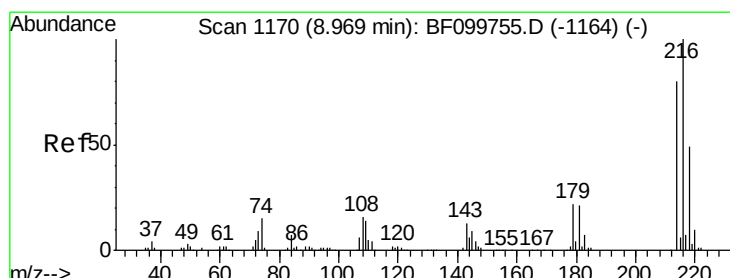
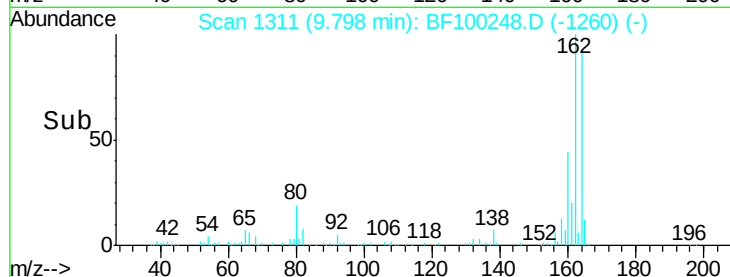
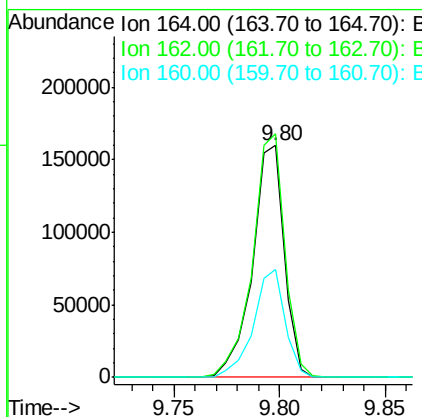
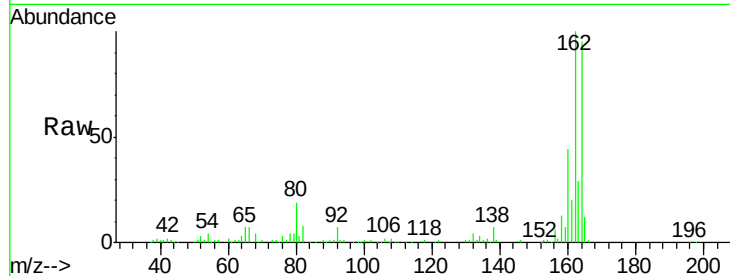
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	168428		
162	105.0	86.1	129.1	
160	46.5	38.3	57.5	

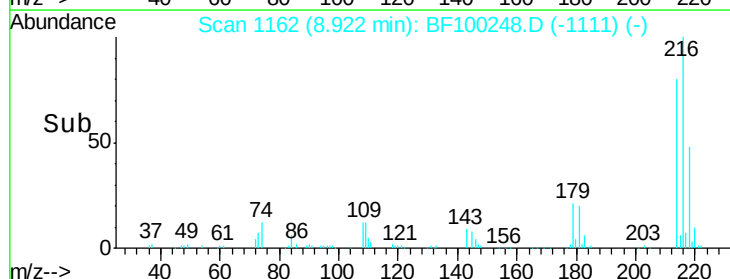
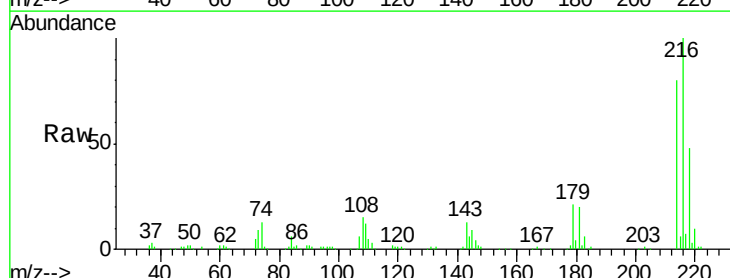
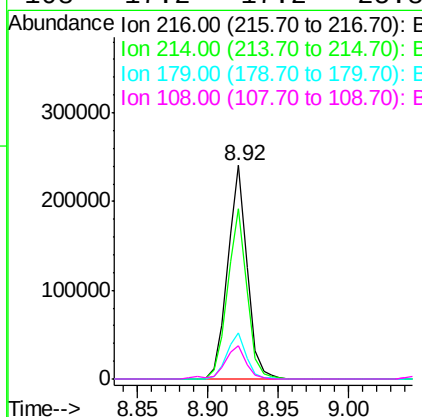
Manual Integrations
 APPROVED

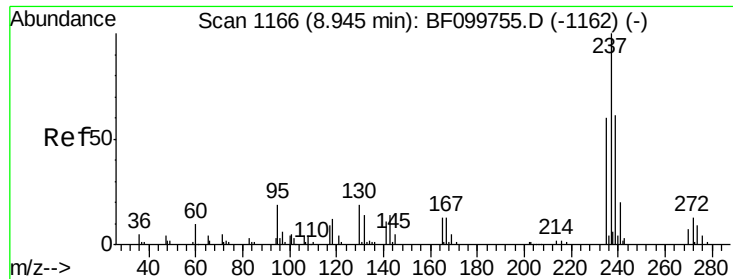
Sohil
 11/7/2017 5:39:39 PM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.190 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	229506		
214	79.0	63.0	94.4	
179	21.5	18.1	27.1	
108	17.2	17.2	25.8	





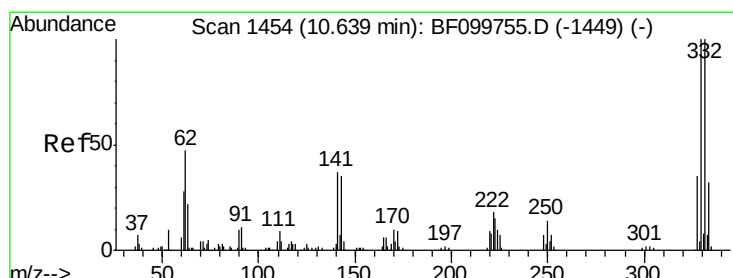
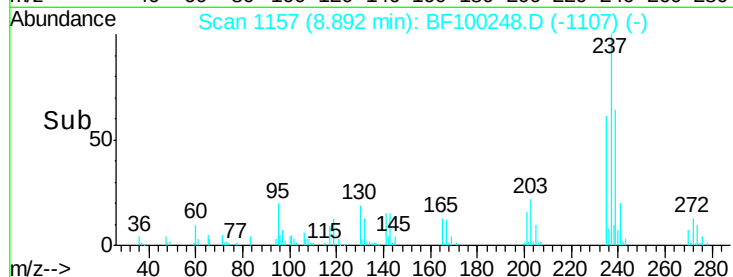
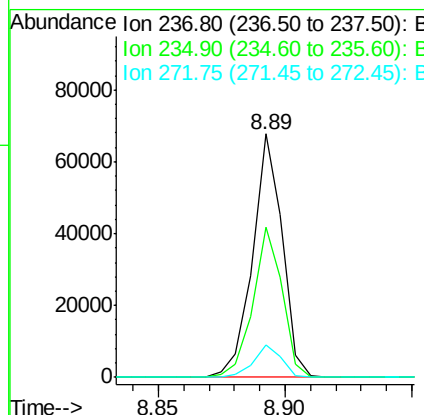
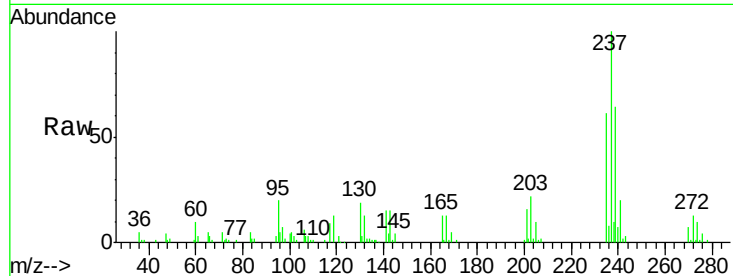
#40
Hexachlorocyclopentadiene
Concen: 55.071 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.5	44.8	84.8
272	13.1	0.0	33.3

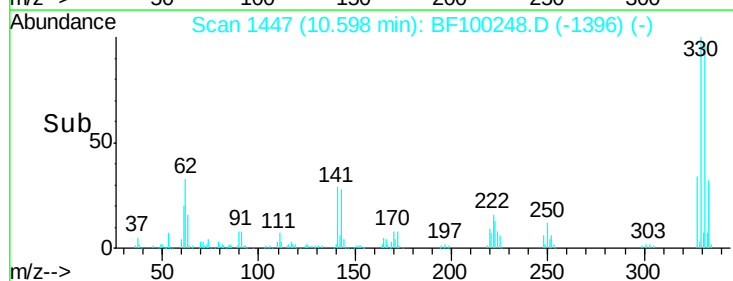
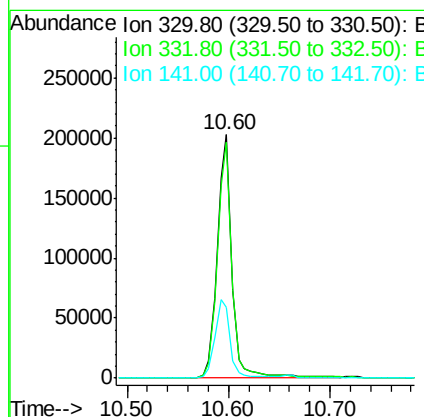
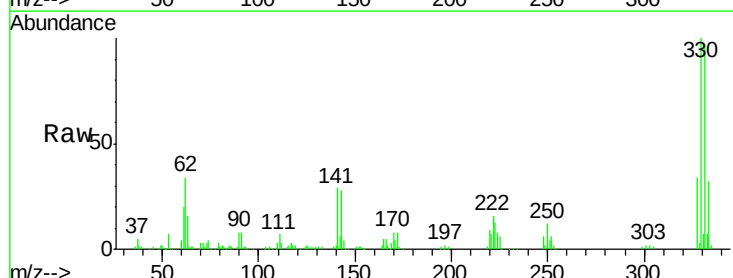
Manual Integrations
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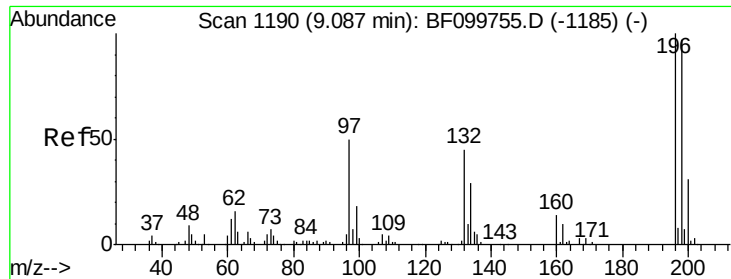
Sohil
11/7/2017 5:39:39 PM



#41
2,4,6-Tribromophenol
Concen: 134.085 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	77.0	115.6
141	33.6	29.9	44.9





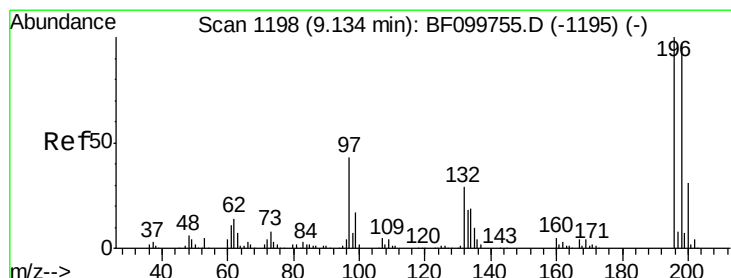
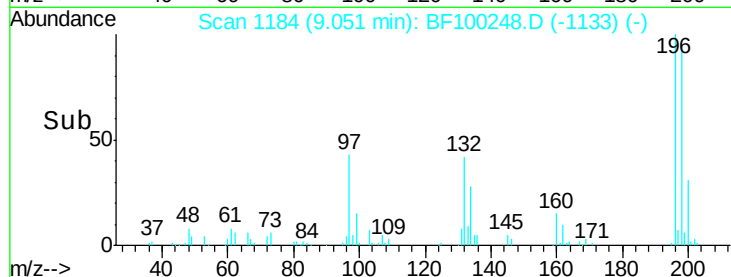
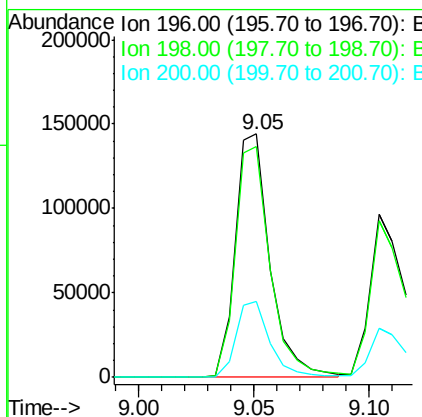
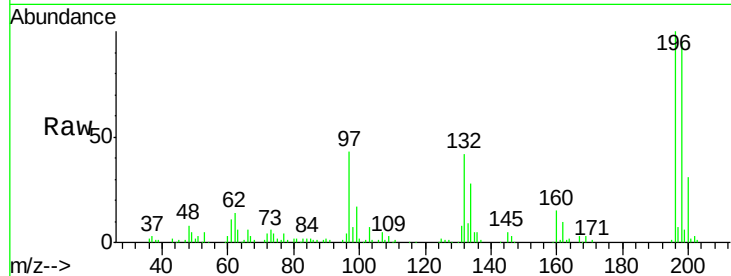
#42
 2,4,6-Trichlorophenol
 Concen: 45.879 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150961		
198	95.0	75.7	113.5	
200	31.2	24.5	36.7	

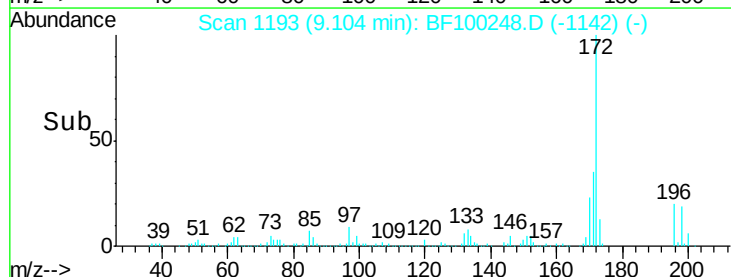
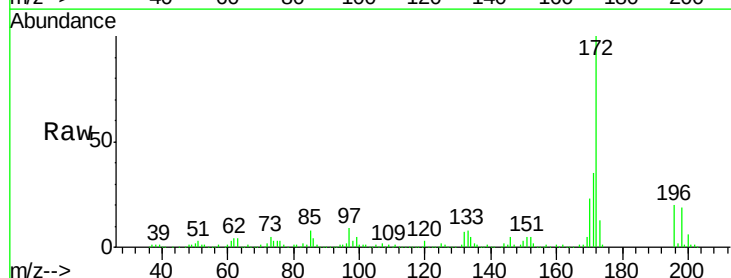
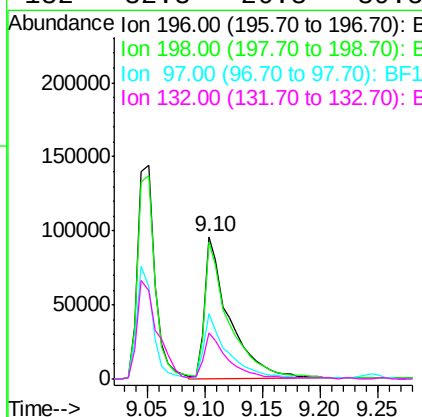
Manual Integrations
 APPROVED

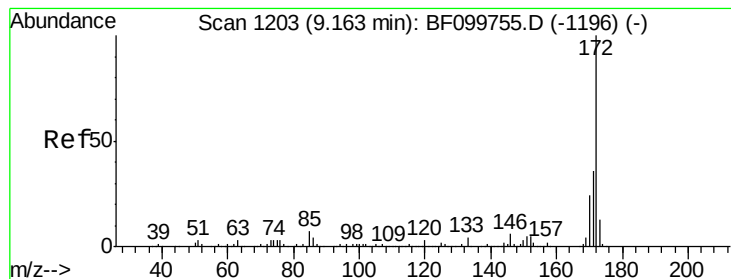
Sohil
 11/7/2017 5:39:39 PM



#43
 2,4,5-Trichlorophenol
 Concen: 40.796 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142450		
198	96.3	74.6	112.0	
97	45.6	42.9	64.3	
132	32.3	26.3	39.5	





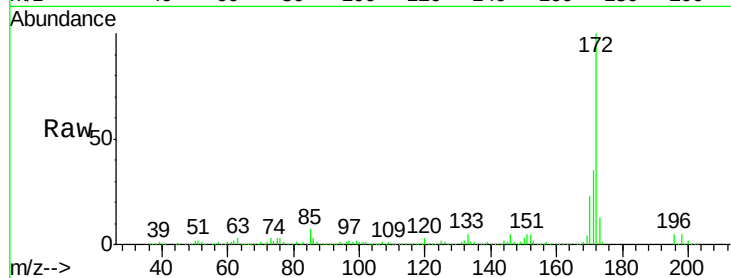
#44
2-Fluorobiphenyl
Concen: 93.667 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

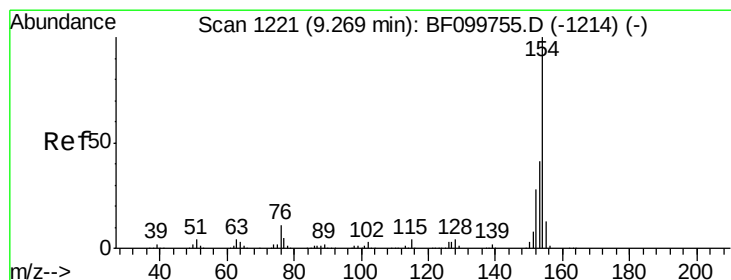
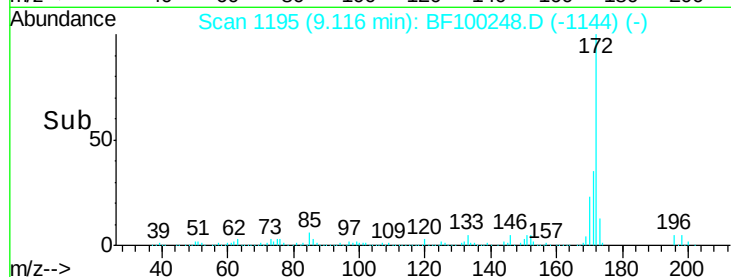
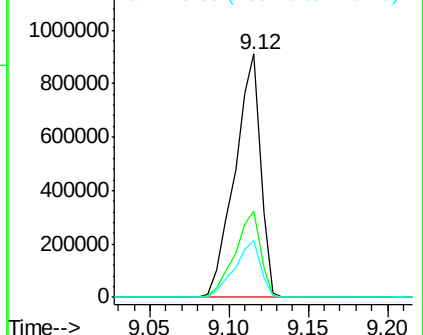
Tgt Ion:172 Resp: 1022538
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.5 19.6 29.4

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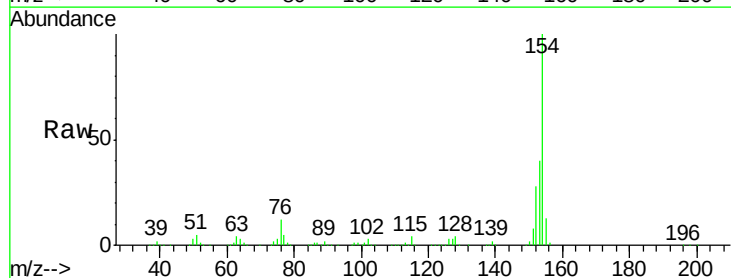


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

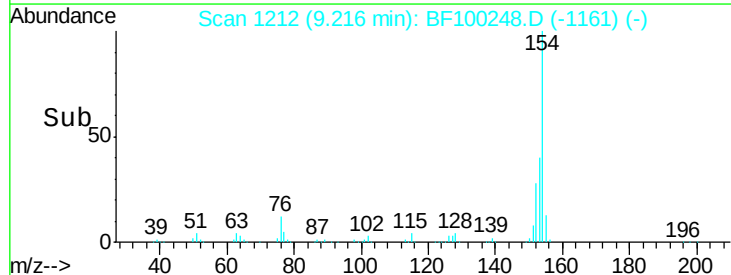
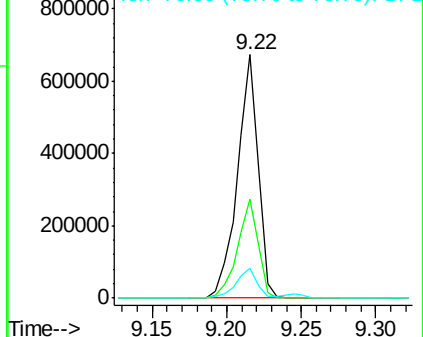


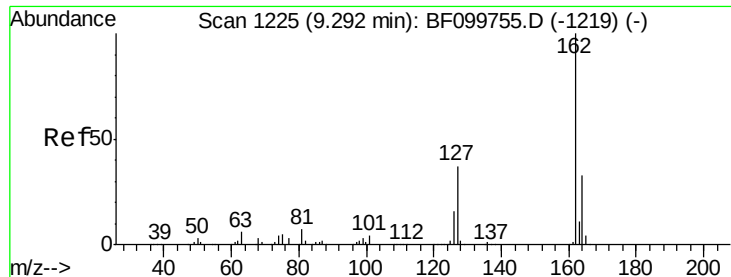
#45
1,1'-Biphenyl
Concen: 42.834 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion:154 Resp: 652651
Ion Ratio Lower Upper
154 100
153 40.4 21.3 61.3
76 12.4 0.0 34.0



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





#46

2-Chloronaphthalene

Concen: 46.193 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

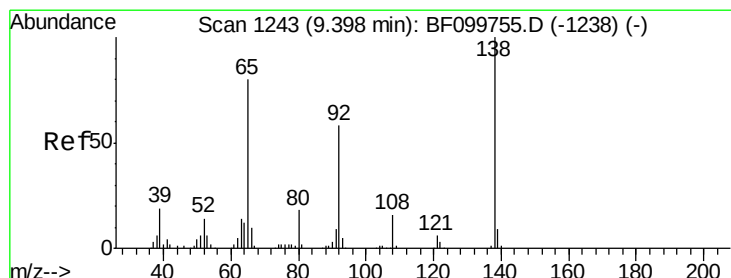
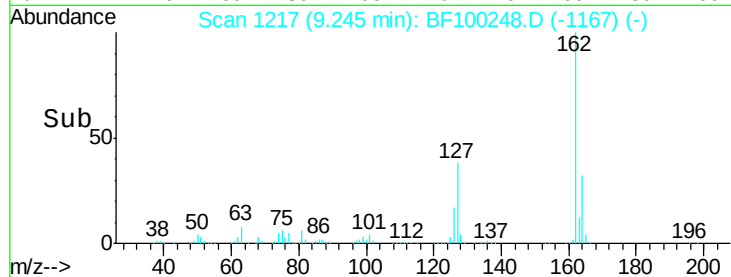
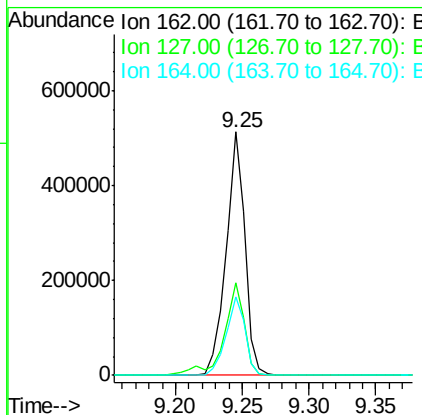
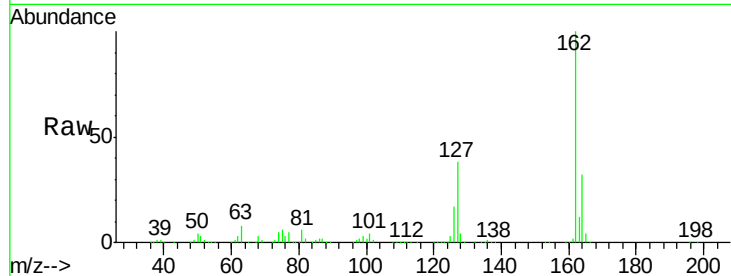
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	162	Resp:	511151
Ion Ratio		Lower	Upper
162	100		
127	37.9	33.9	50.9
164	32.3	26.5	39.7

Manual Integrations
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#47

2-Nitroaniline

Concen: 31.542 ng

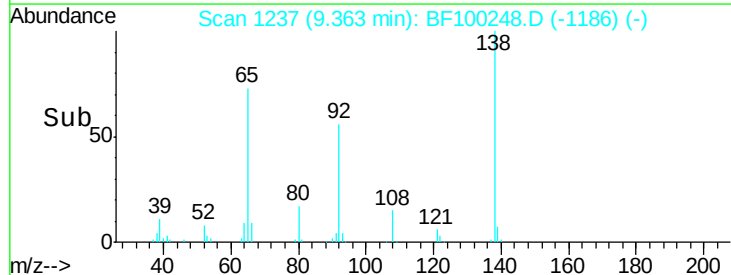
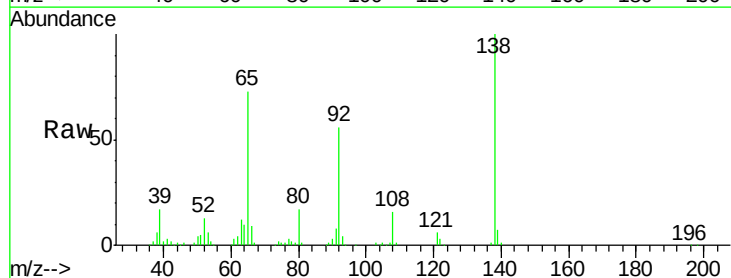
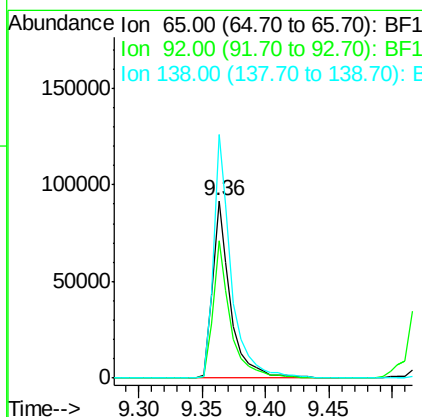
RT: 9.36 min Scan# 1237

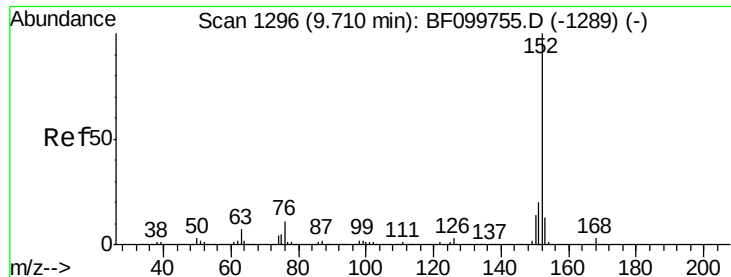
Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion:	65	Resp:	91604
Ion Ratio		Lower	Upper
65	100		
92	77.1	55.8	83.6
138	137.3	91.2	136.8#





#48

Acenaphthylene

Concen: 41.193 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

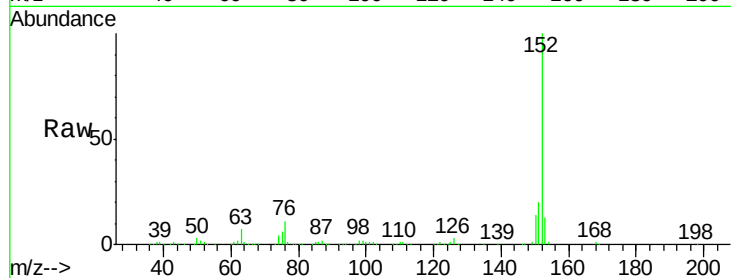
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

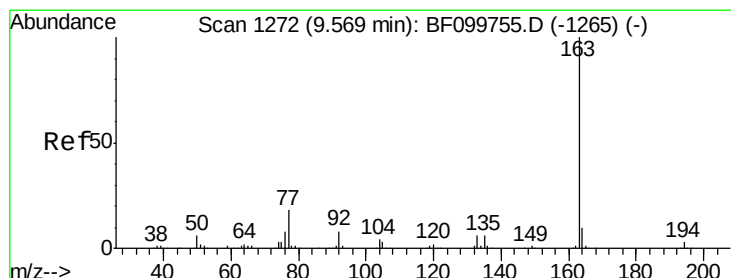
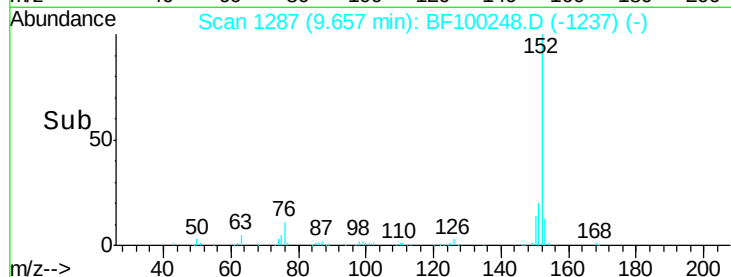
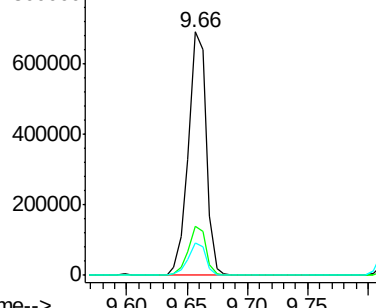
Tgt Ion:	152	Resp:	702063
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	13.4	10.7	16.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.996 ng

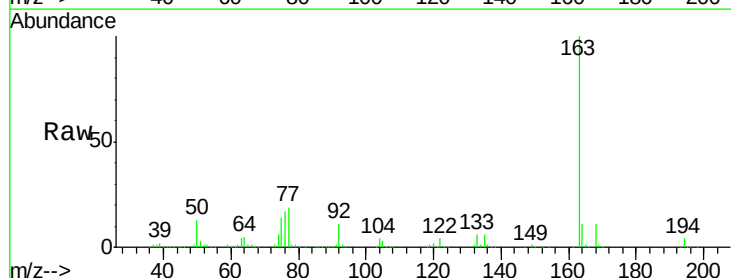
RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

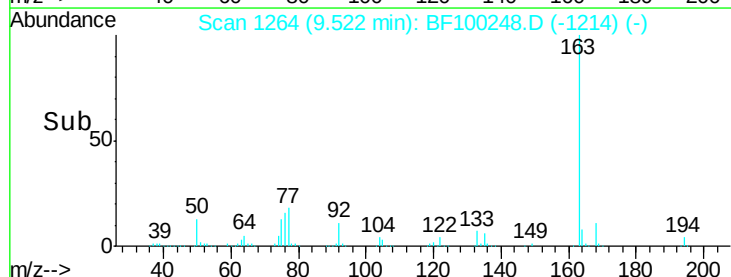
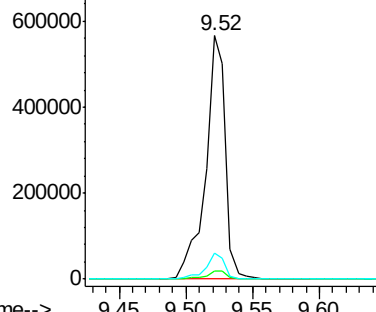
Lab File: BF100248.D

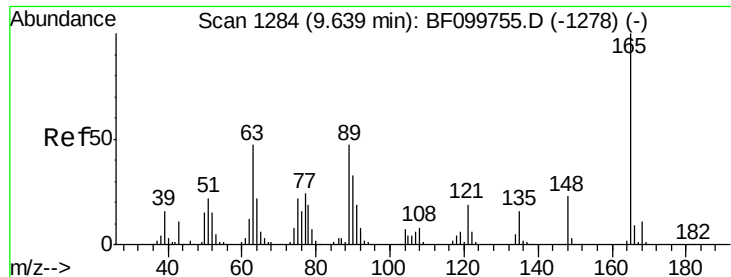
Acq: 6 Nov 2017 13:34

Tgt Ion:	163	Resp:	586822
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2



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





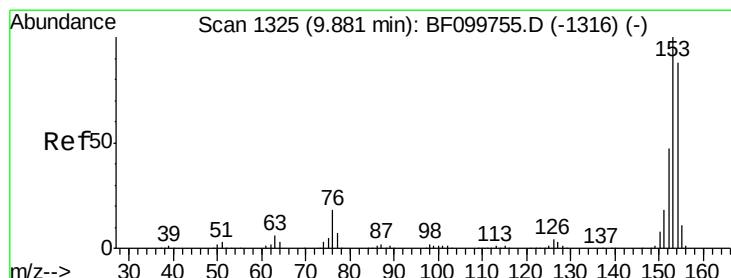
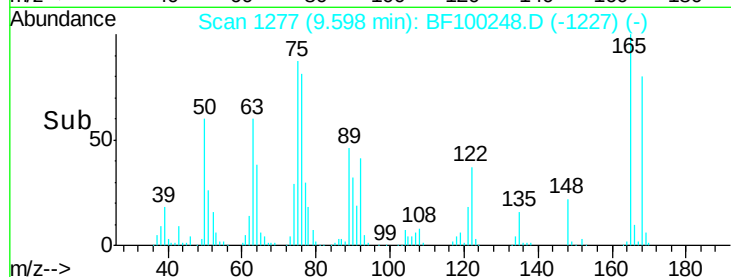
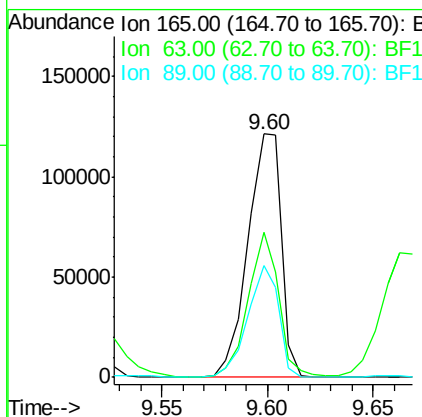
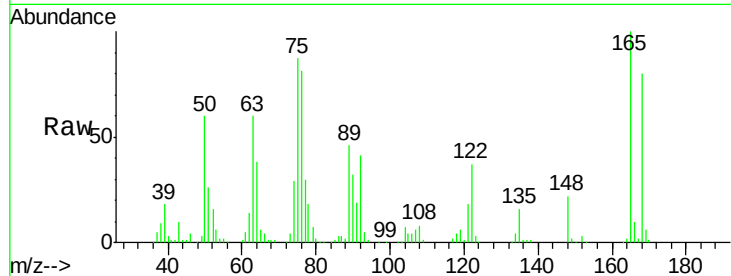
#50
 2,6-Dinitrotoluene
 Concen: 47.921 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134371		
63	59.7	44.7	67.1	
89	45.8	44.0	66.0	

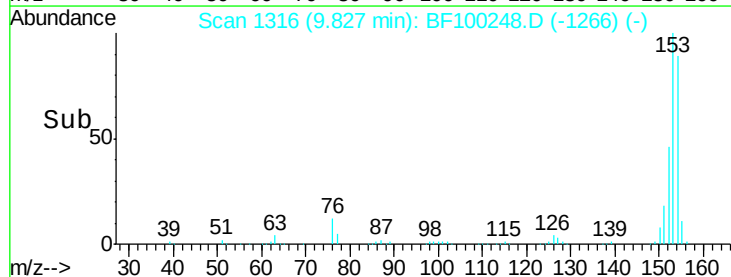
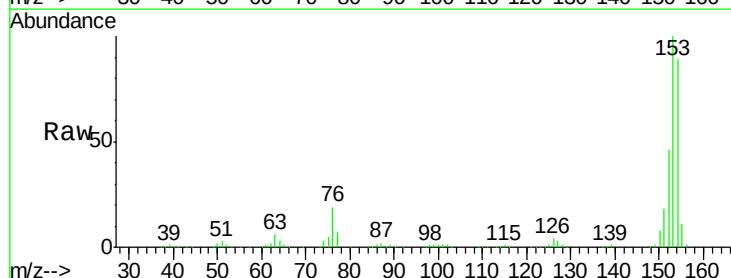
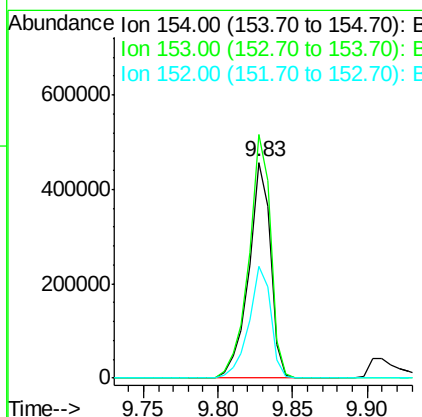
Manual Integrations
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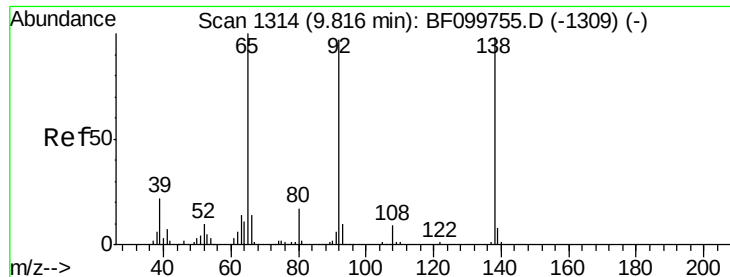
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 11/7/2017 5:39:39 PM



#51
 Acenaphthene
 Concen: 44.222 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	460517		
153	112.7	91.2	136.8	
152	51.7	43.8	65.8	





#52

3-Nitroaniline

Concen: 5.059 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.02 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

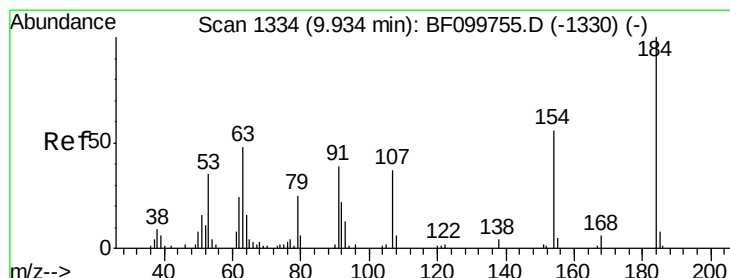
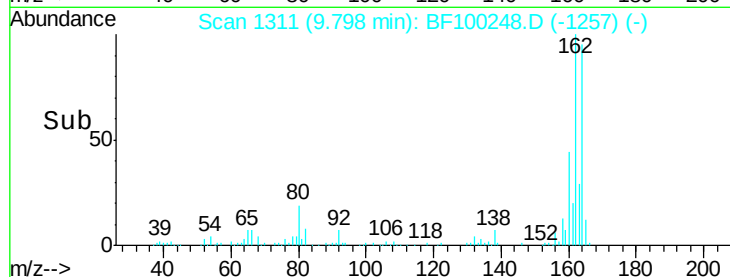
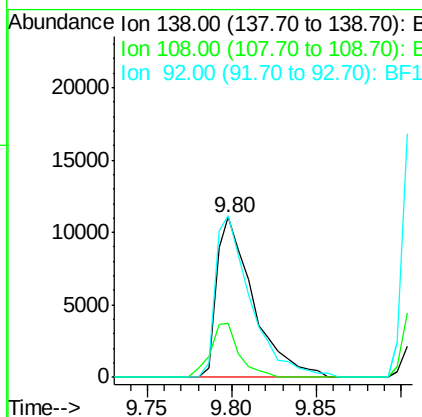
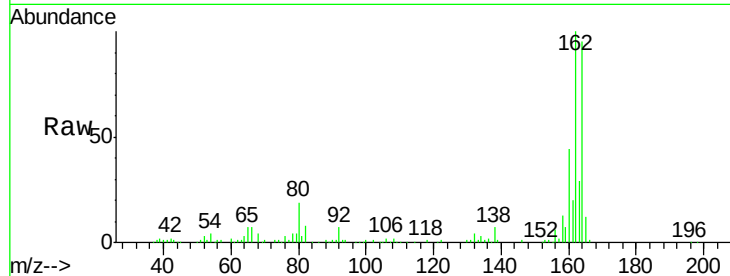
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
138	100		
108	34.0	9.4	14.0#
92	100.9	89.4	134.2

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#53

2,4-Dinitrophenol

Concen: 106.437 ng

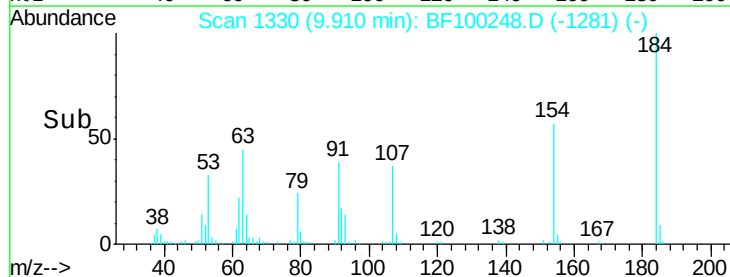
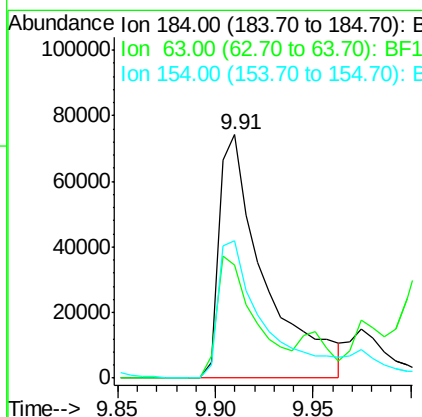
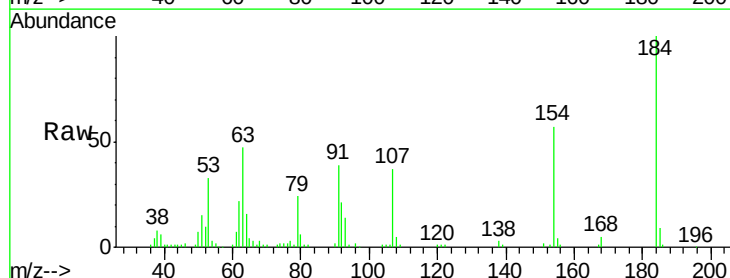
RT: 9.91 min Scan# 1330

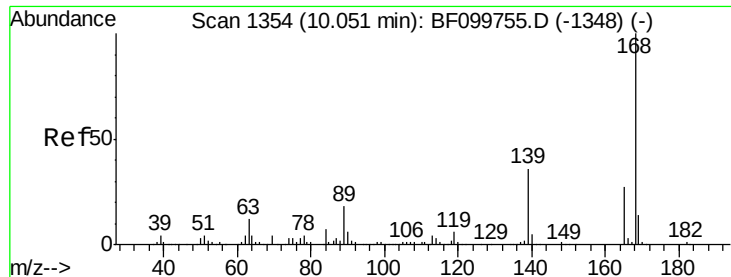
Delta R.T. -0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.6	54.2	81.2#
154	56.5	53.5	80.3





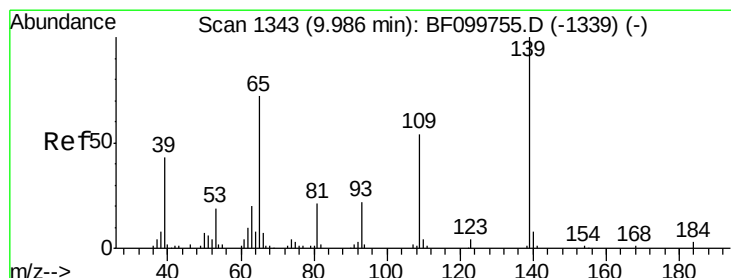
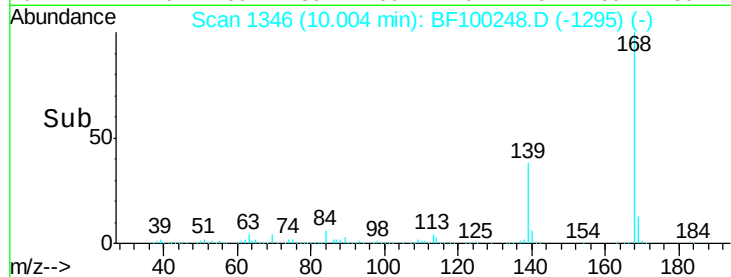
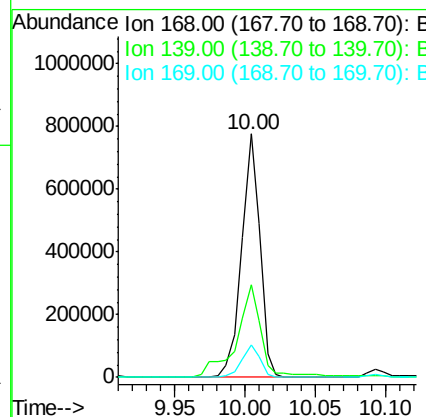
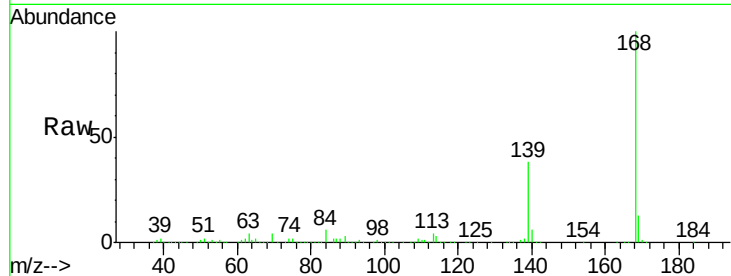
#54
Dibenzofuran
Concen: 47.651 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	700458		
139	38.0		30.1	45.1
169	13.3		10.9	16.3

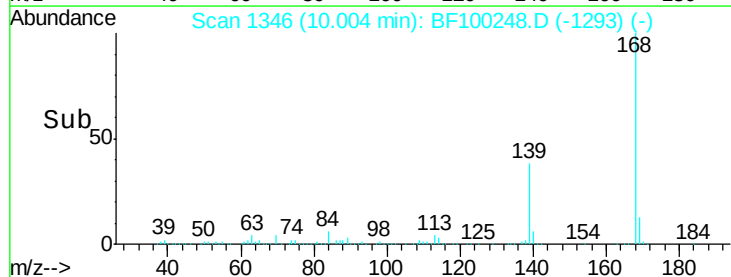
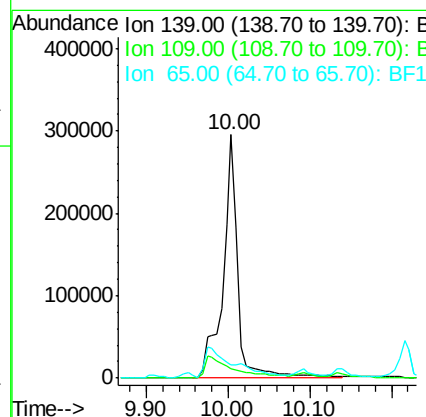
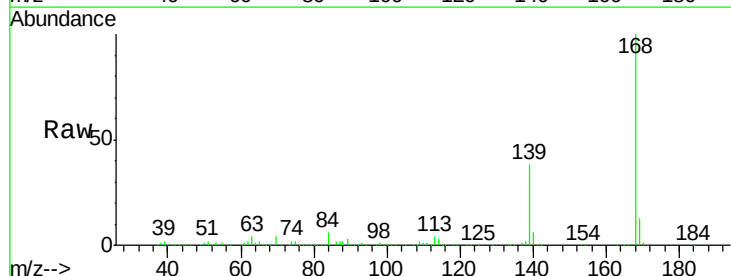
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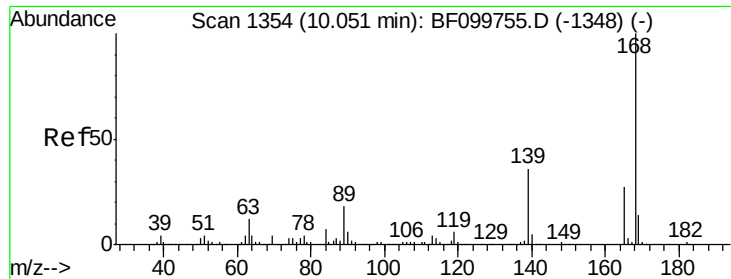
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#55
4-Nitrophenol
Concen: 219.127 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	378277		
109	4.0		48.4	88.4#
65	5.5		72.6	112.6#





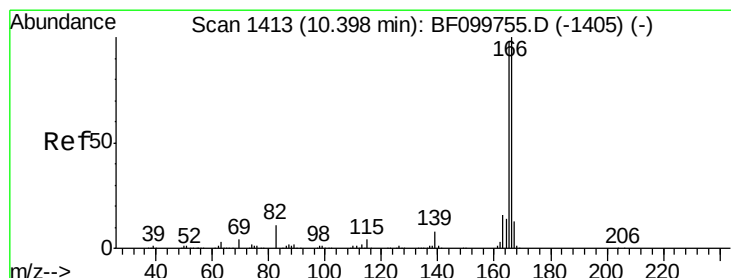
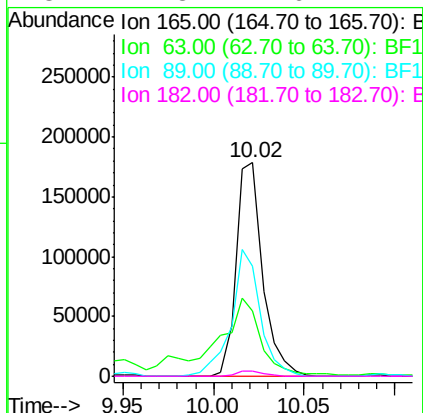
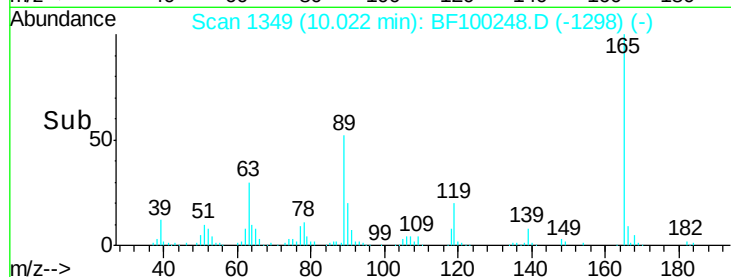
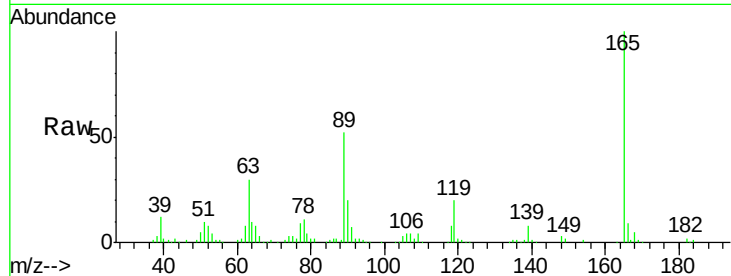
#56
2,4-Dinitrotoluene
Concen: 53.939 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	30.3	36.4	54.6#
89	51.8	57.8	86.6#
182	2.3	1.6	2.4

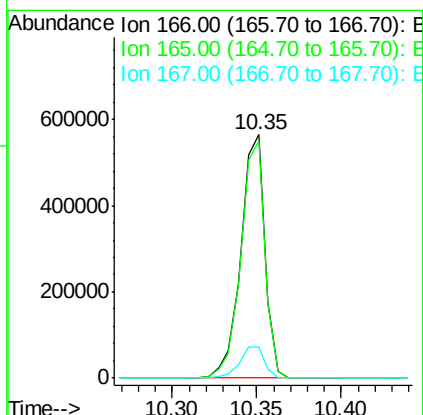
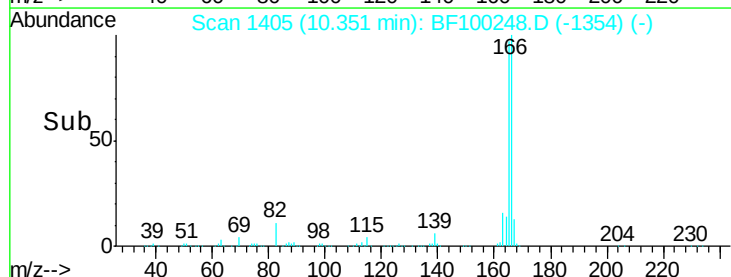
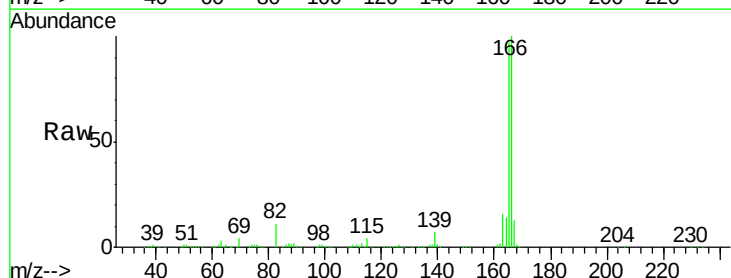
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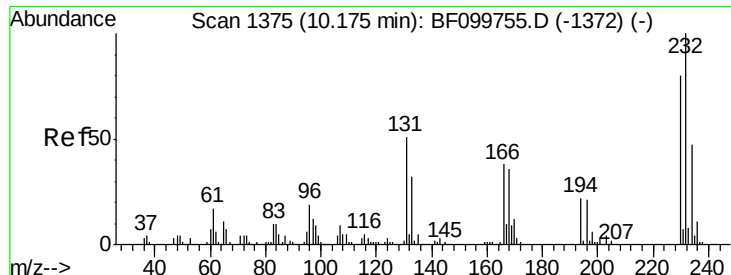
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11/7/2017 5:39:39 PM



#57
Fluorene
Concen: 45.892 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.4	79.8	119.8
167	13.0	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 50.674 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

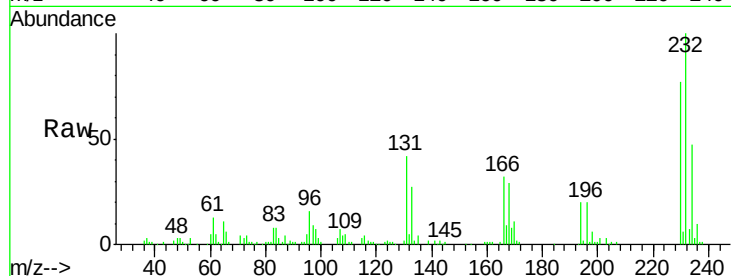
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	232	Resp:	124059
Ion Ratio	Lower	Upper	
232	100		
131	46.5	43.8	65.8
130	2.4	2.1	3.1
166	31.4	27.8	41.6

Manual Integrations
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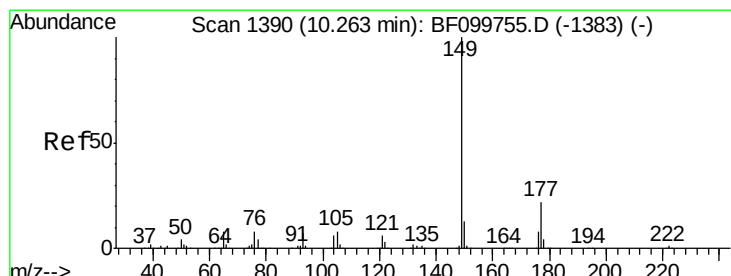
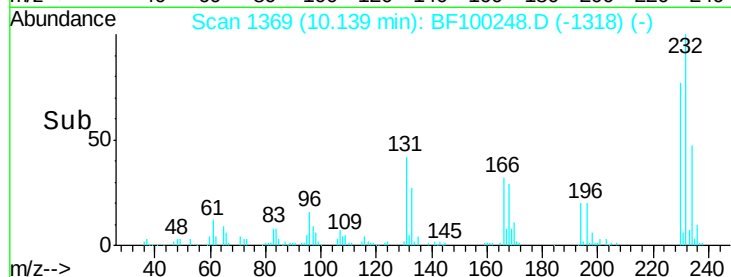
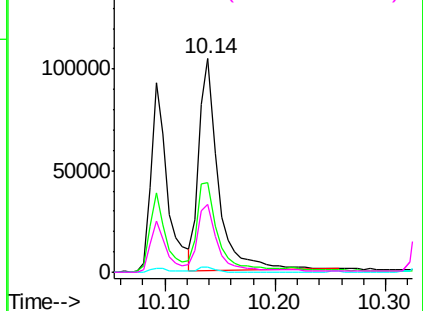


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 43.529 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF100248.D

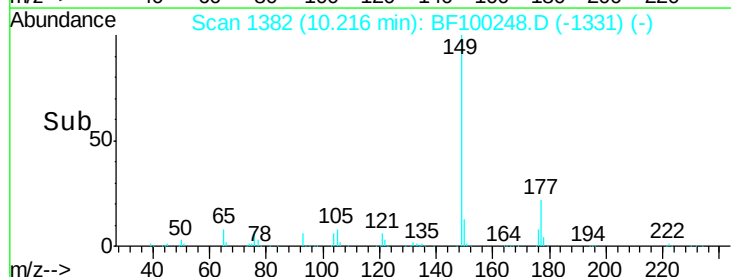
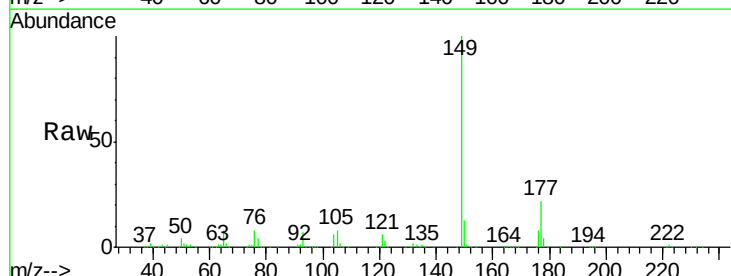
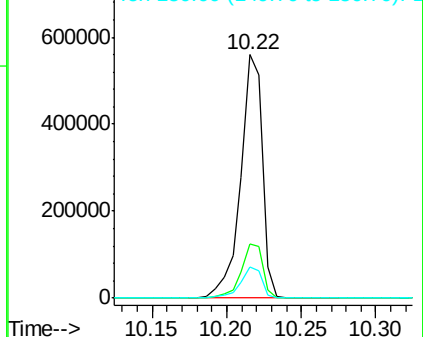
Acq: 6 Nov 2017 13:34

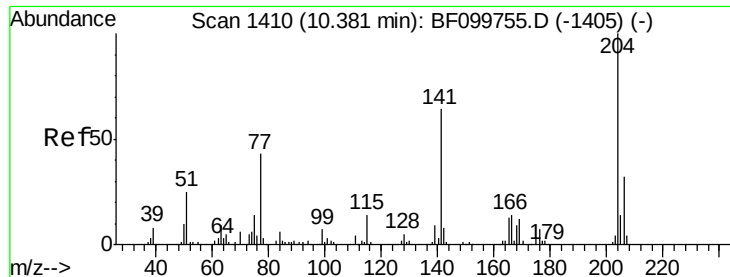
Tgt Ion:	149	Resp:	566973
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.1	24.1
150	12.7	10.1	15.1

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





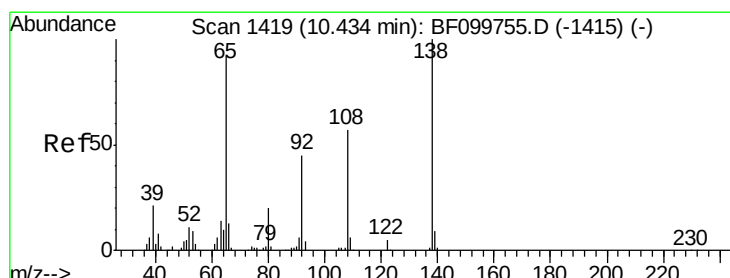
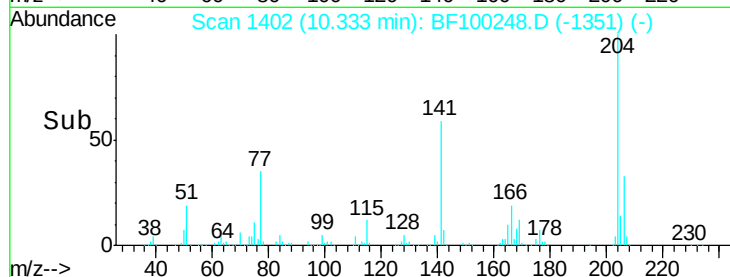
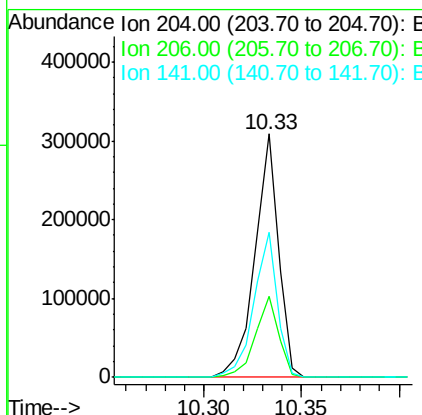
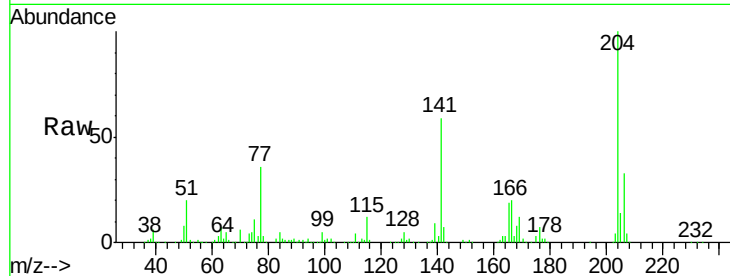
#60
4-Chlorophenyl-phenylether
Concen: 45.124 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	258469		
206	33.2	26.5	39.7	
141	59.4	54.6	81.8	

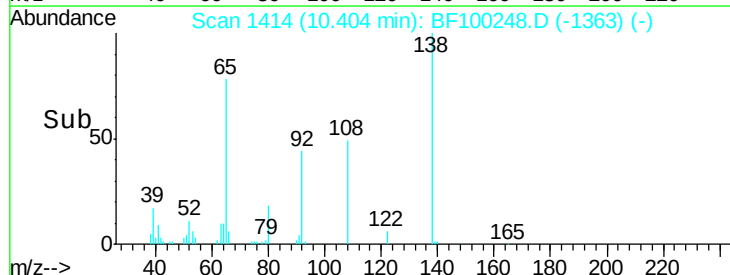
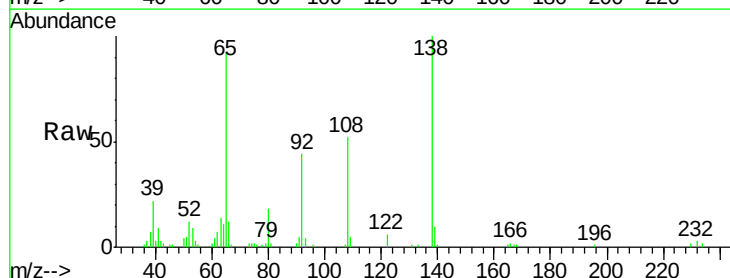
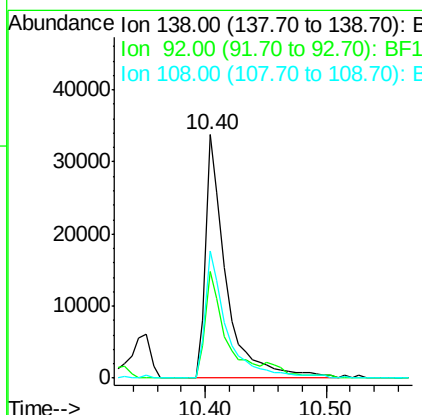
Manual Integrations
APPROVED

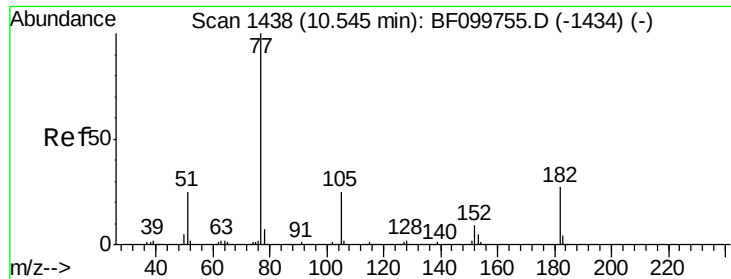
Sohil
11/7/2017 5:39:39 PM



#61
4-Nitroaniline
Concen: 12.601 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	39720		
92	43.7	30.2	70.2	
108	52.4	52.5	92.5#	





#62

Azobenzene

Concen: 42.595 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF100248.D

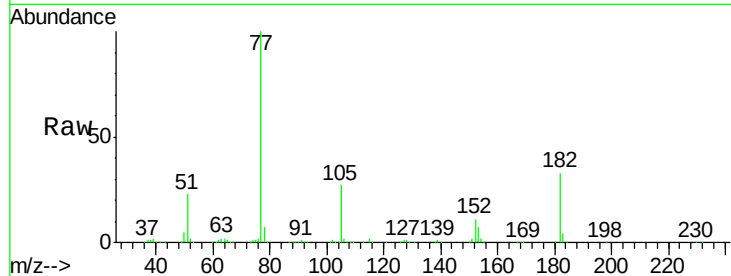
Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)



Tgt Ion: 77 Resp: 465088

Ion Ratio Lower Upper

77 100

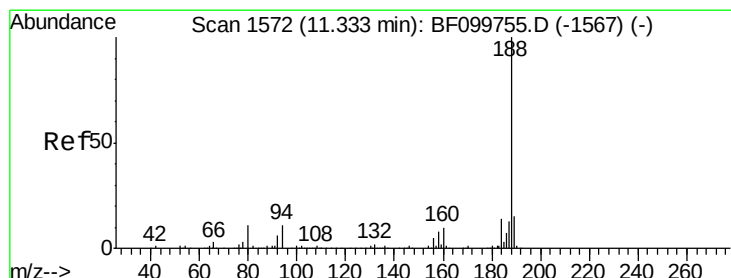
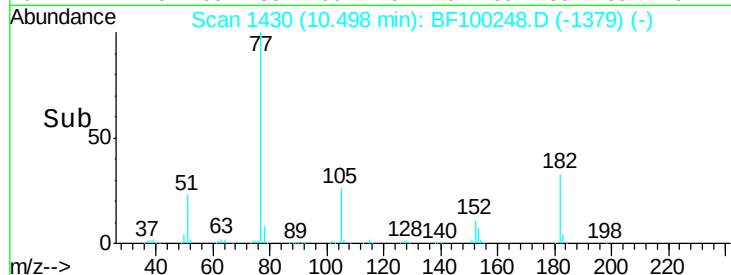
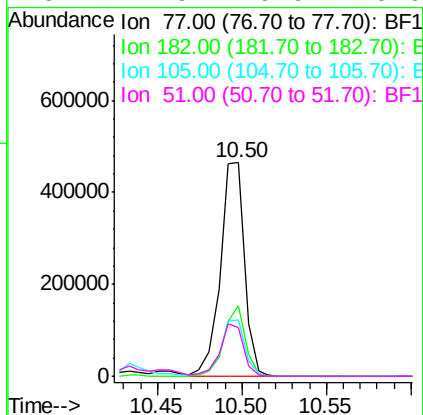
182 33.0 1.7 41.7

105 26.6 3.0 43.0

51 22.9 9.9 49.9

Manual Integrations
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11/7/2017 5:39:39 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

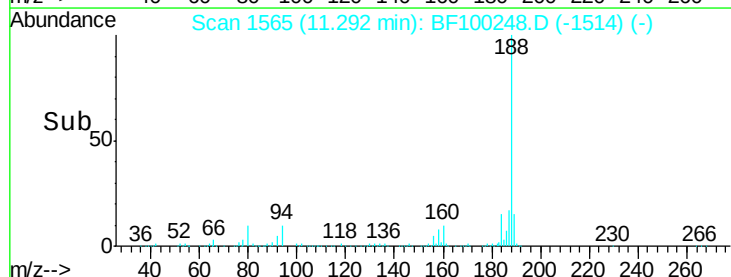
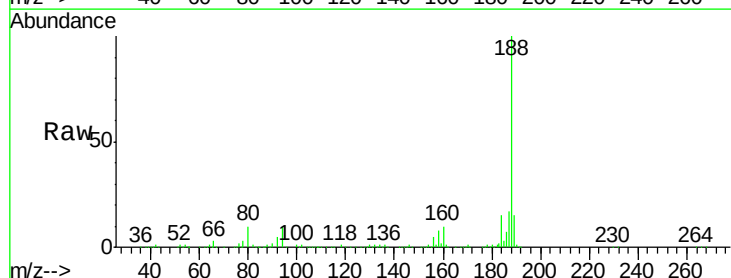
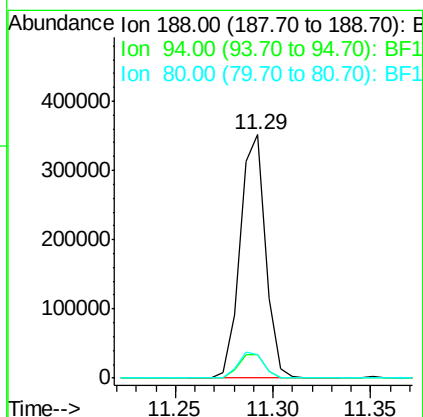
Tgt Ion: 188 Resp: 316210

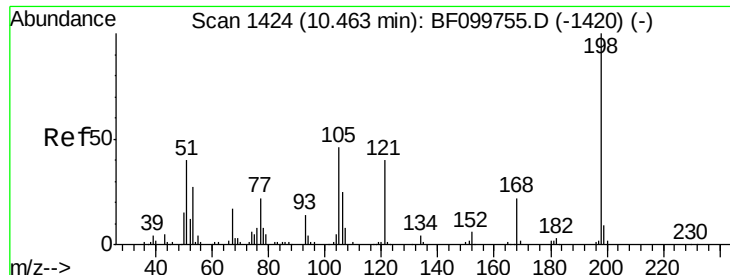
Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

80 9.7 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 42.201 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:198 Resp: 83884

Ion Ratio Lower Upper

198 100

51 33.0 37.7 77.7#

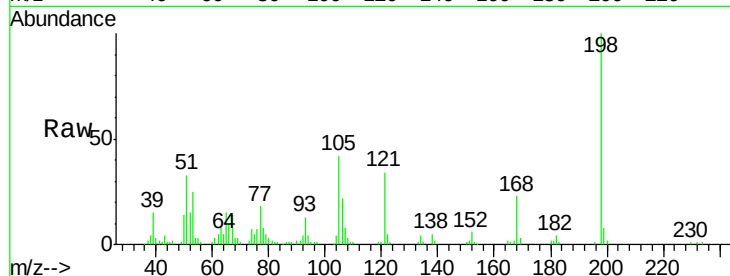
105 41.6 36.3 76.3

Manual Integrations

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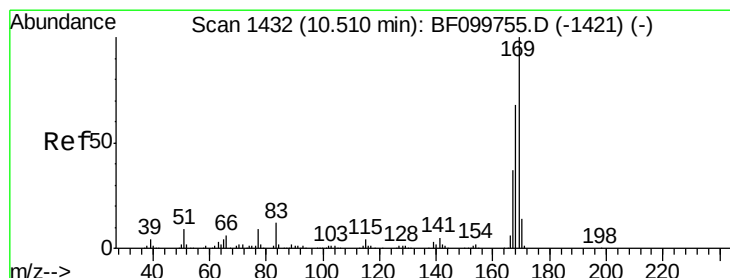
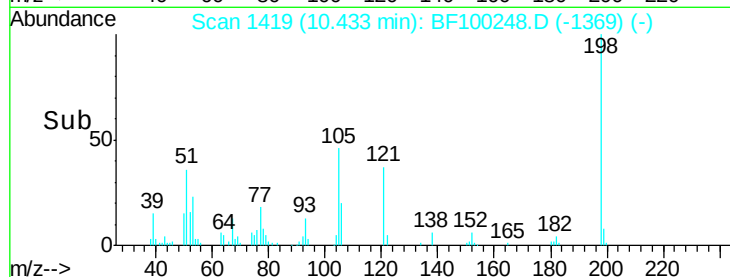
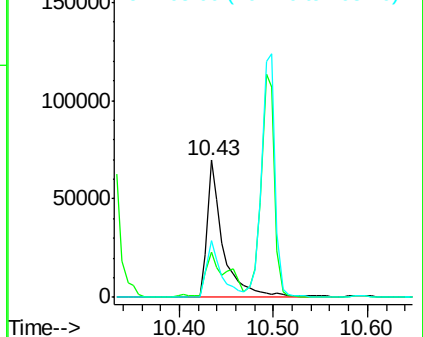
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 8.832 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

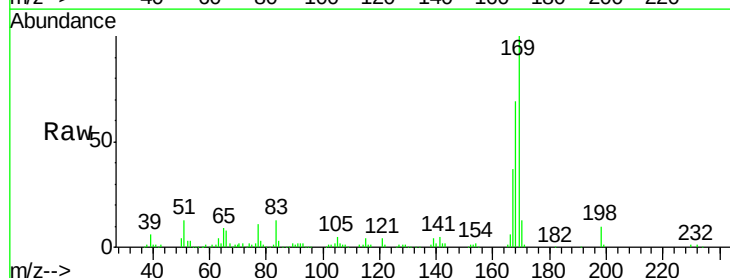
Tgt Ion:169 Resp: 103090

Ion Ratio Lower Upper

169 100

168 69.0 54.4 81.6

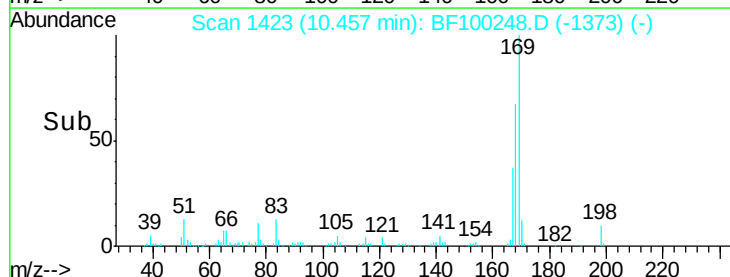
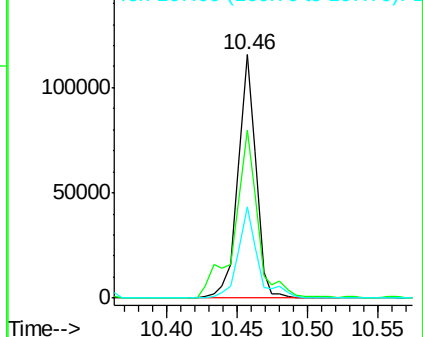
167 37.5 29.8 44.6

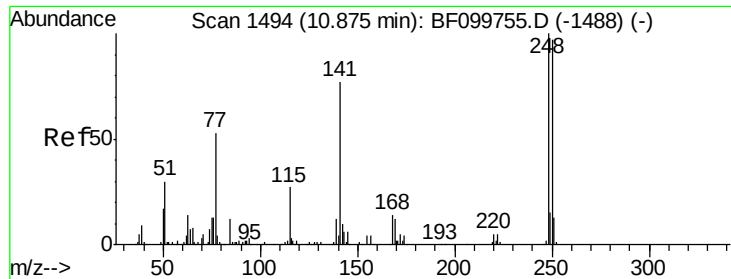


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





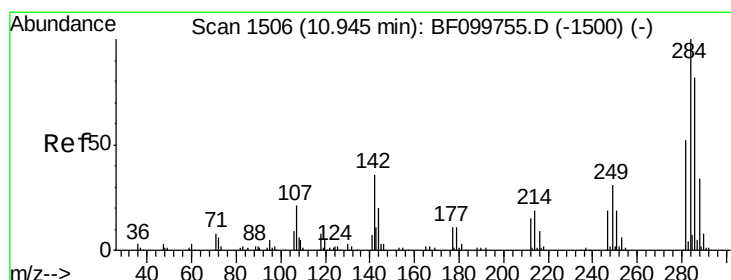
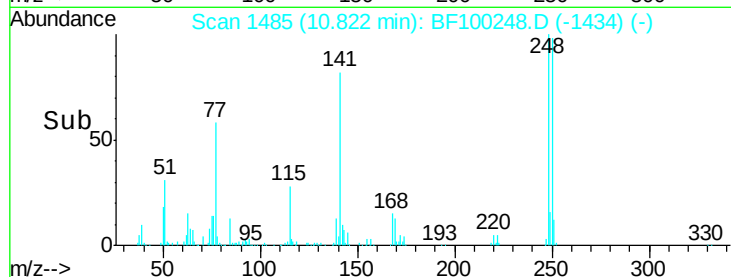
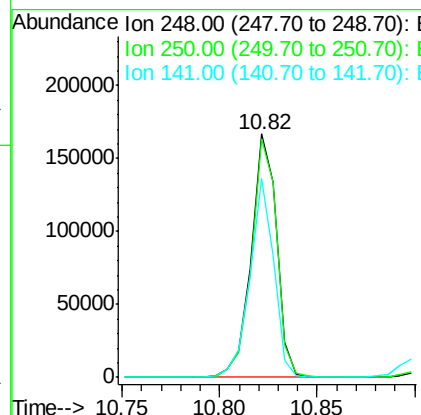
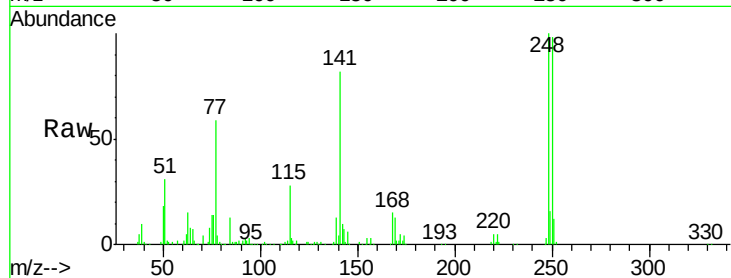
#66
 4-Bromophenyl-phenylether
 Concen: 45.100 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	81.7	74.4	111.6

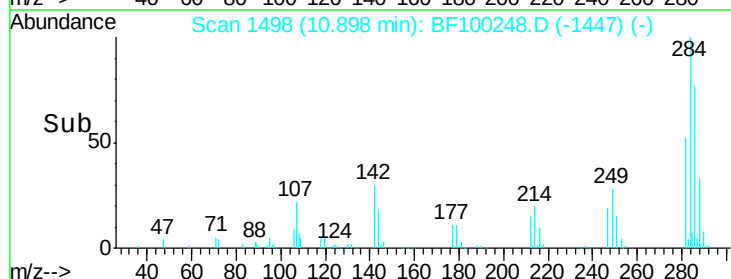
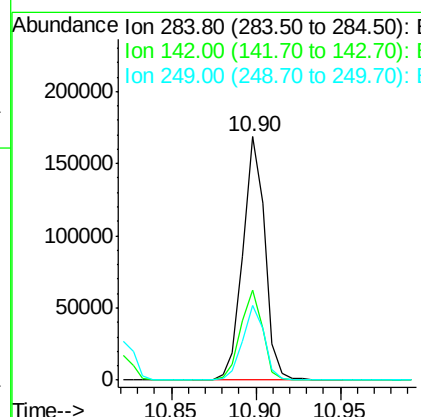
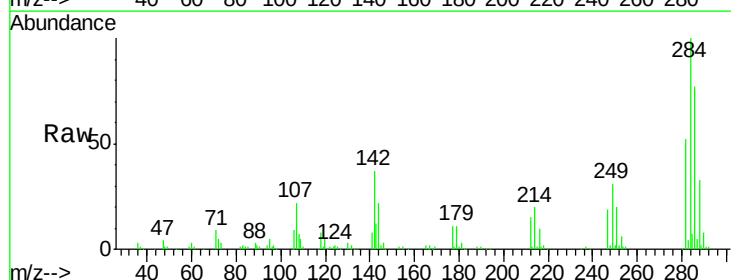
Manual Integrations
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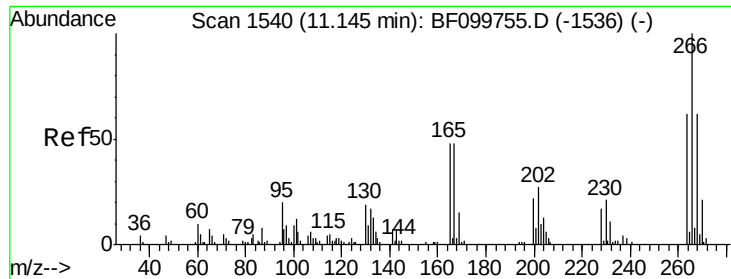
Sohil
 11/7/2017 5:39:39 PM



#67
 Hexachlorobenzene
 Concen: 45.004 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	34.6	52.0
249	30.7	24.8	37.2





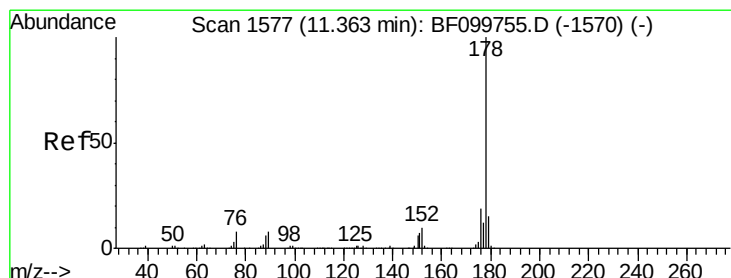
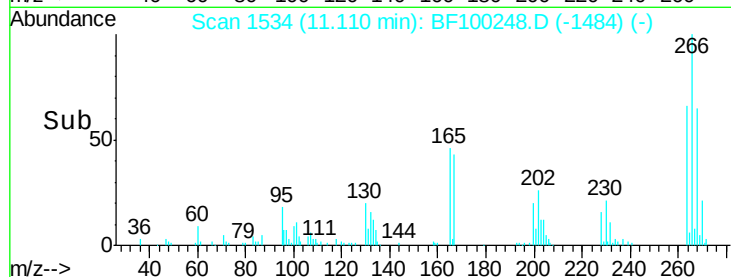
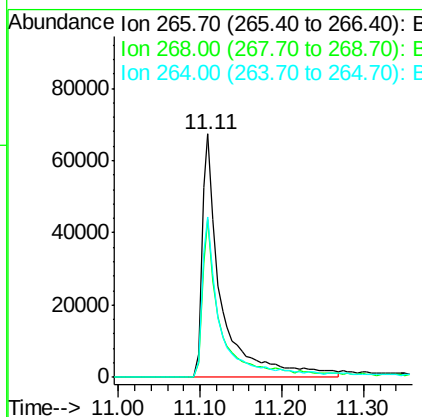
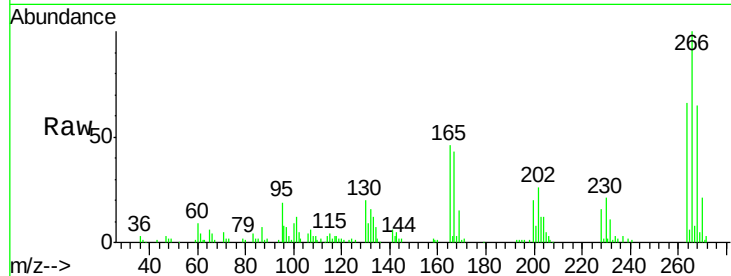
#69
 Pentachlorophenol
 Concen: 76.288 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	111018		
268	64.9	51.1	76.7	
264	66.0	49.5	74.3	

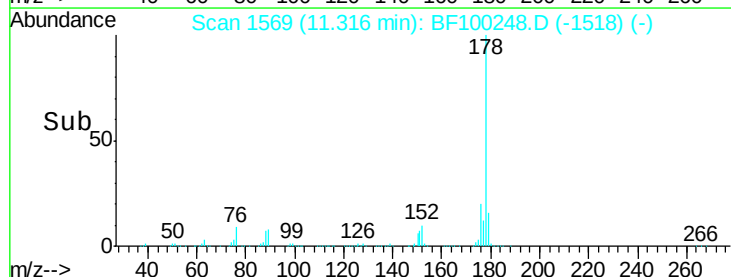
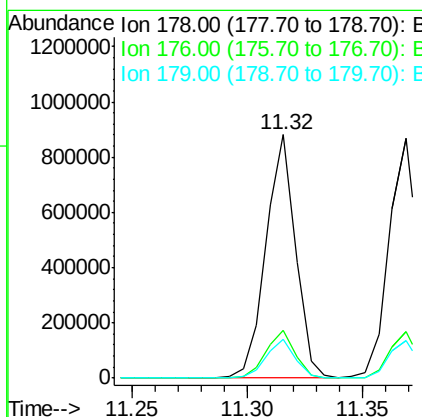
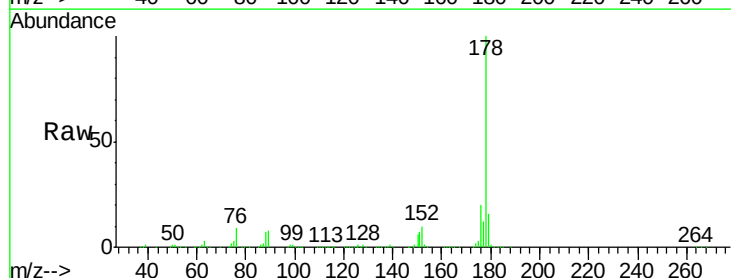
Manual Integrations
 APPROVED

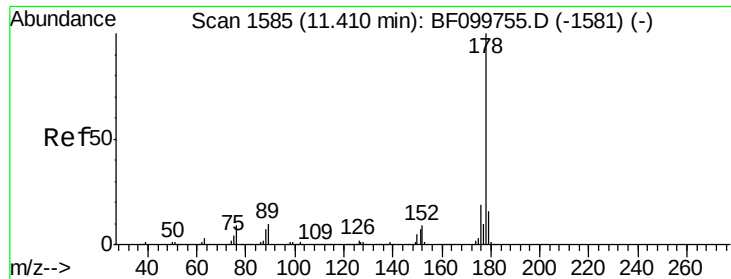
Sohil
 11/7/2017 5:39:39 PM



#70
 Phenanthrene
 Concen: 44.130 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	787514		
176	19.7	15.8	23.8	
179	15.8	13.0	19.6	





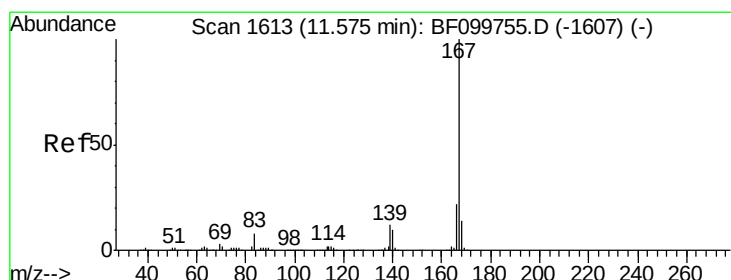
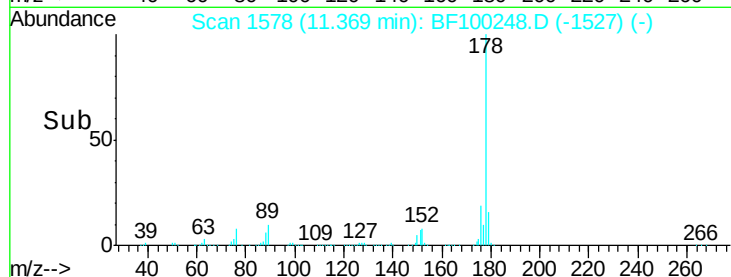
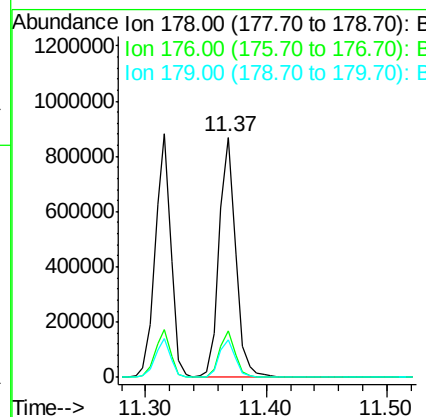
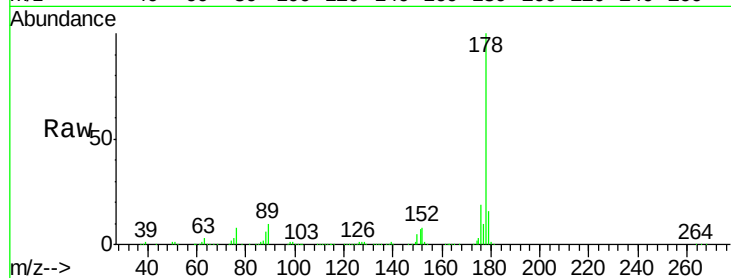
#71
 Anthracene
 Concen: 44.805 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0

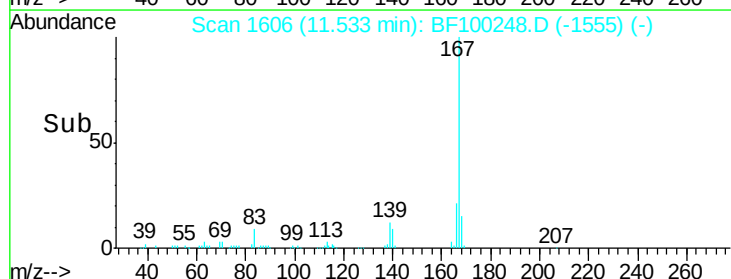
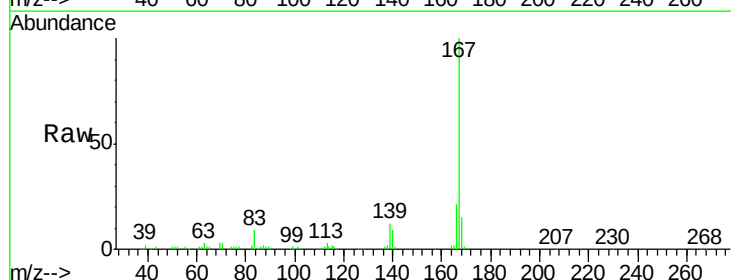
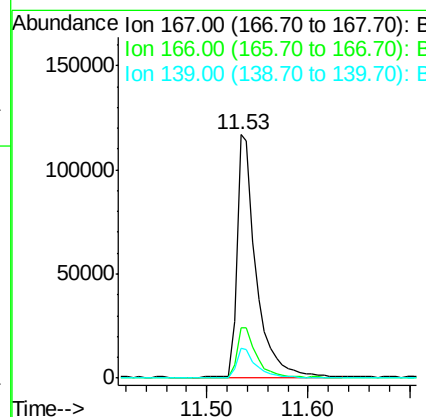
Manual Integrations
 APPROVED

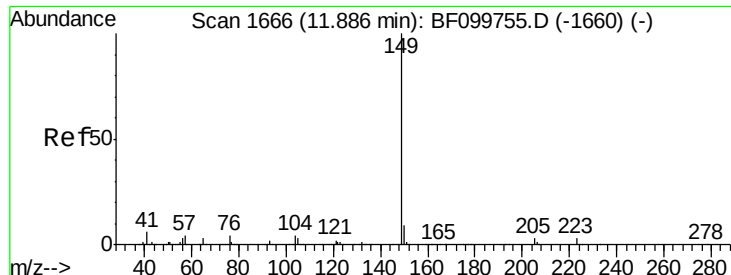
Sohil
 11/7/2017 5:39:39 PM



#72
 Carbazole
 Concen: 8.926 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.953 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

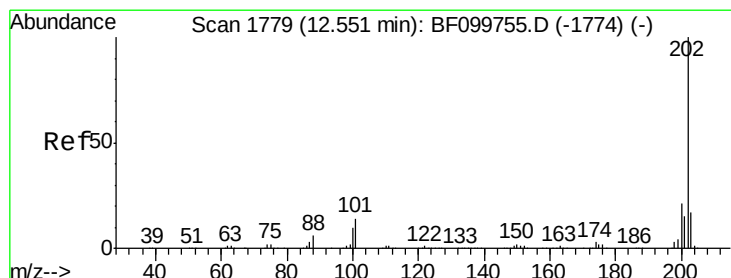
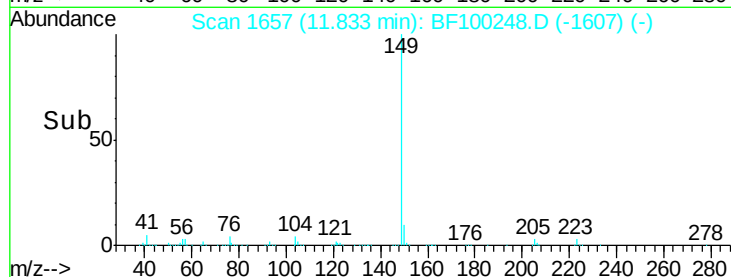
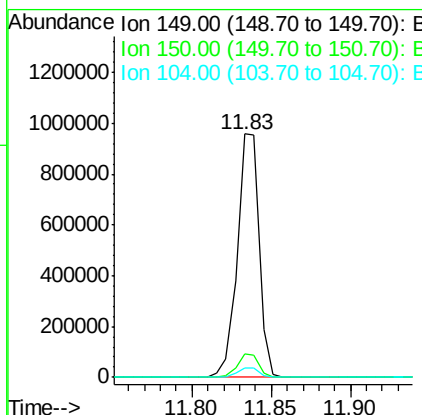
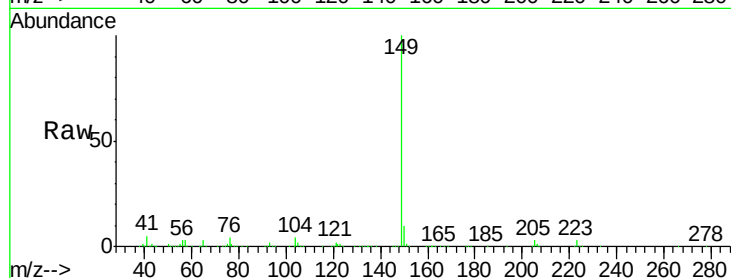
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	149	Resp:	911501
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.0	3.8	5.8

Manual Integrations
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11/7/2017 5:39:39 PM



#74

Fluoranthene

Concen: 44.153 ng

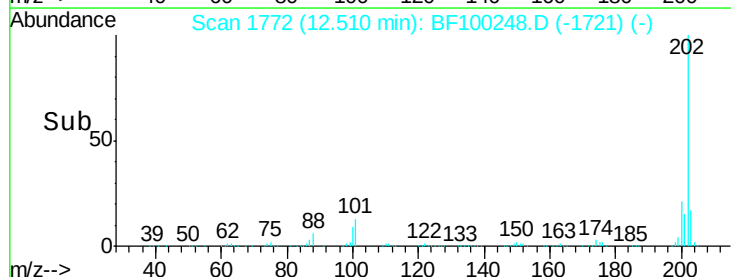
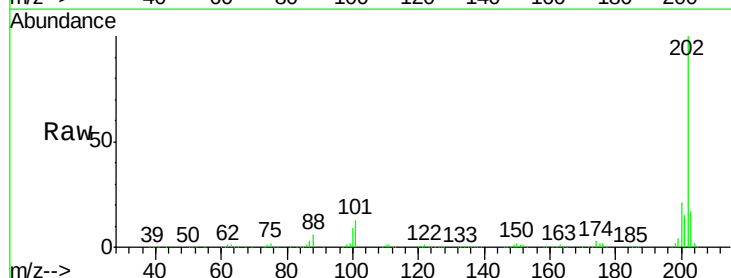
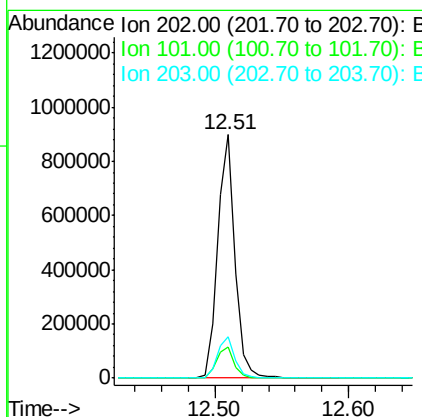
RT: 12.51 min Scan# 1772

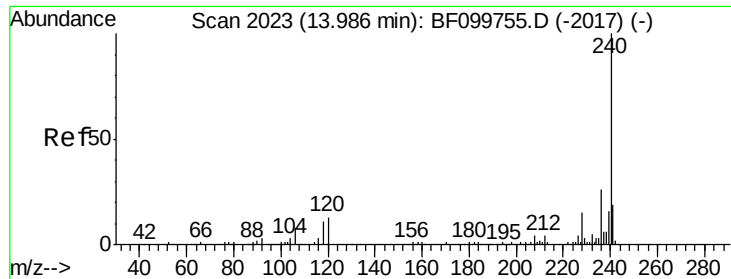
Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion:	202	Resp:	818838
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

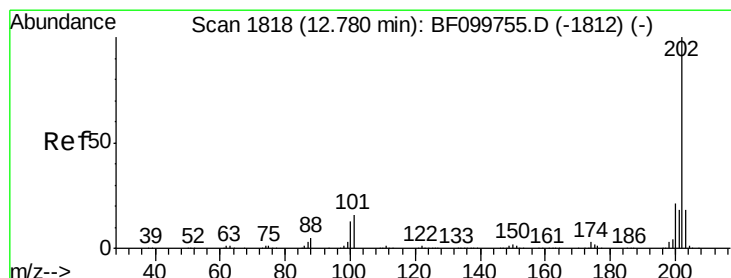
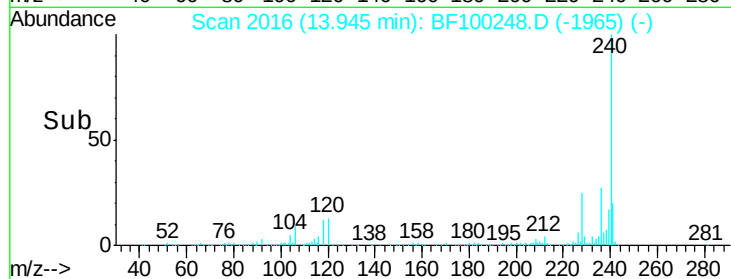
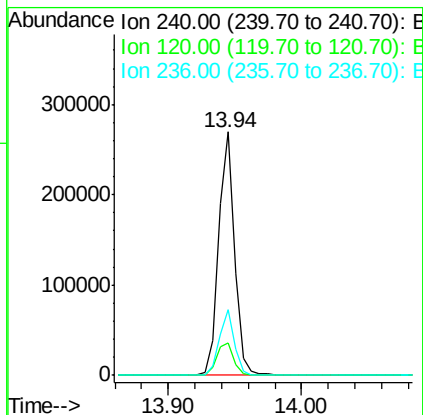
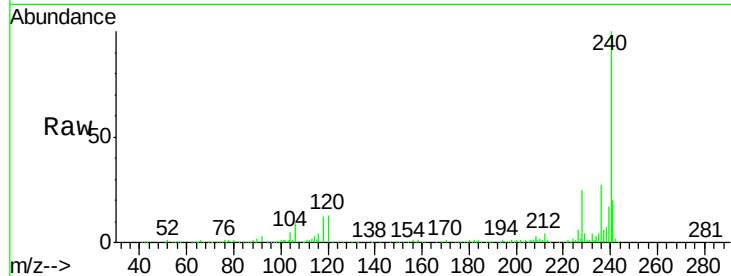
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	240	Resp:	227453
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	26.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 44.225 ng

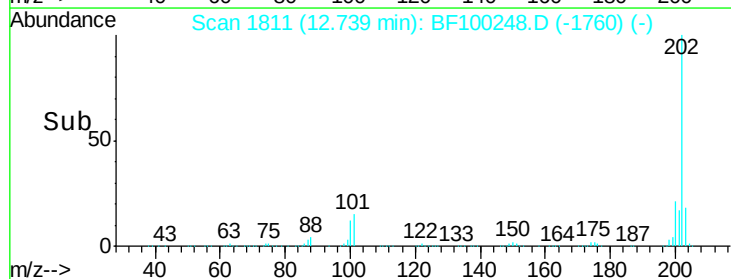
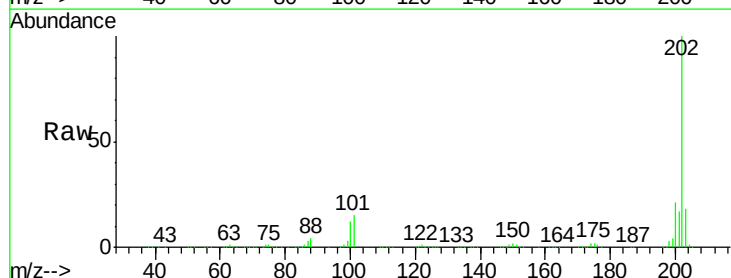
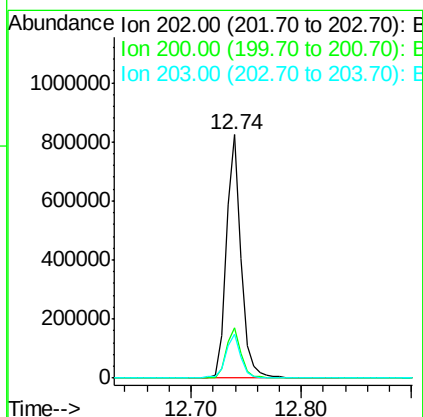
RT: 12.74 min Scan# 1811

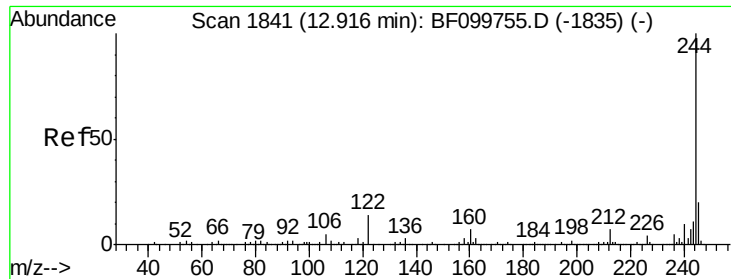
Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion:	202	Resp:	764894
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.9	14.3	21.5





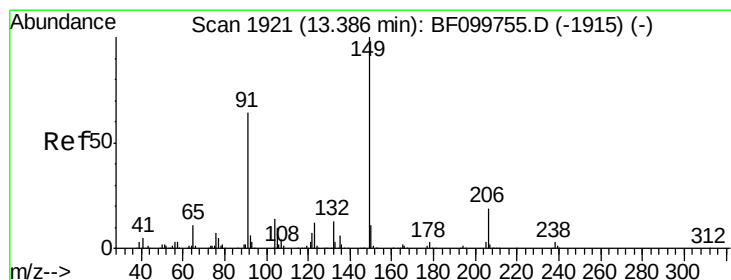
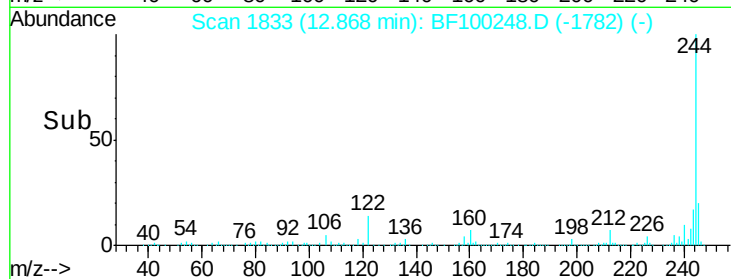
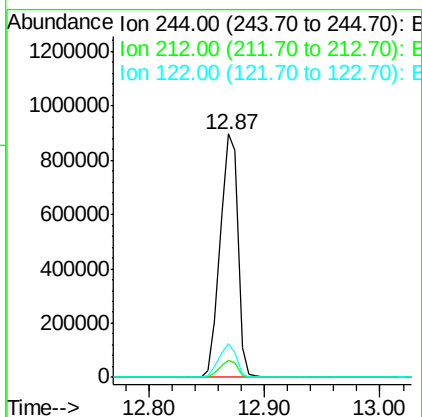
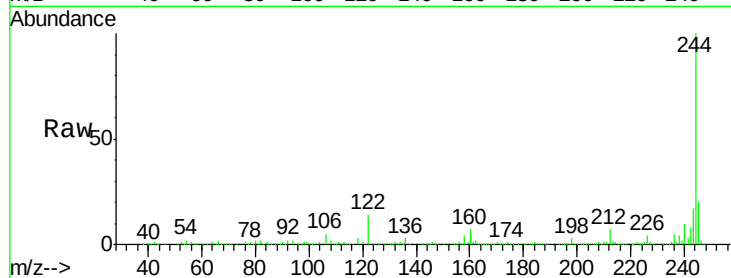
#78
 Terphenyl-d14
 Concen: 91.934 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	5.4	8.0	
122	14.0	11.0	16.4	

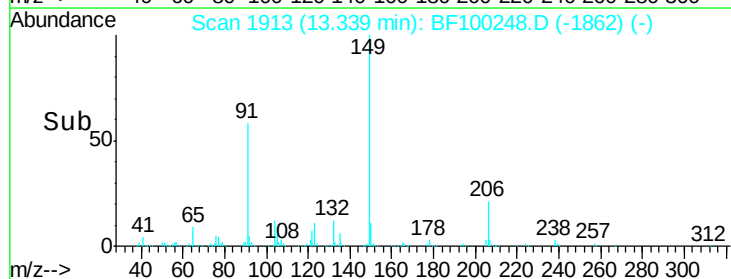
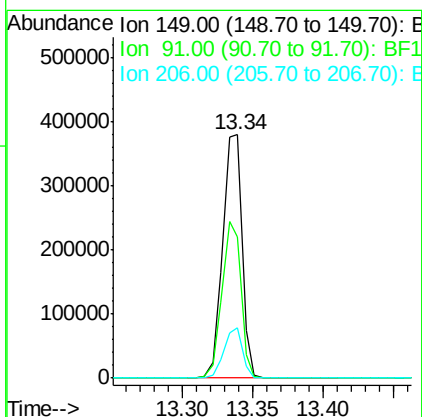
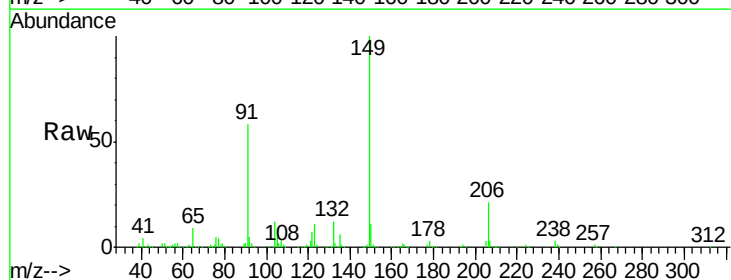
Manual Integrations
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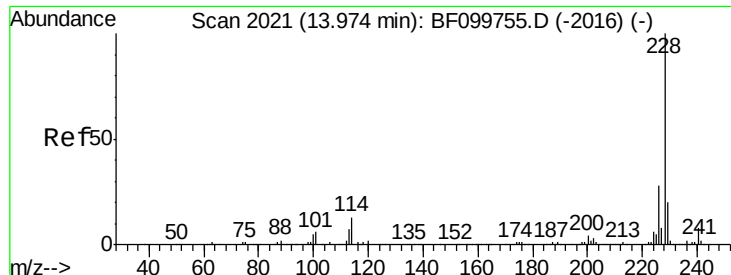
Sohil
 11/7/2017 5:39:39 PM



#79
 Butylbenzylphthalate
 Concen: 42.727 ng
 RT: 13.34 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	57.8	56.8	85.2	
206	20.9	14.1	21.1	





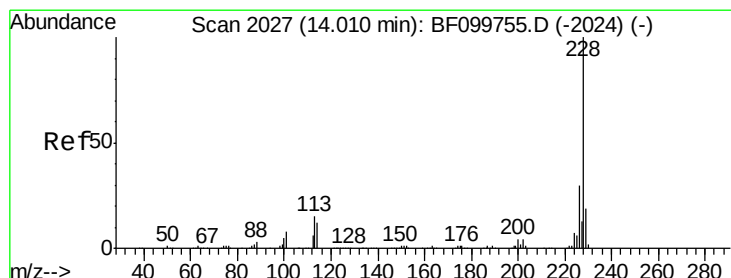
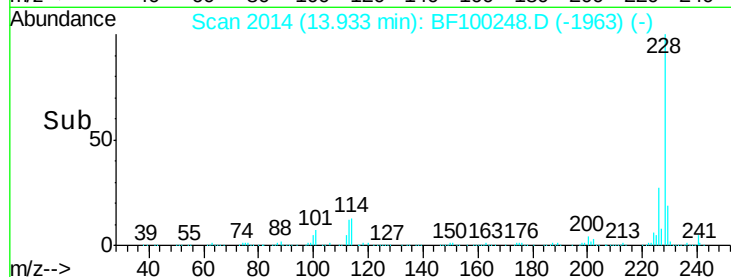
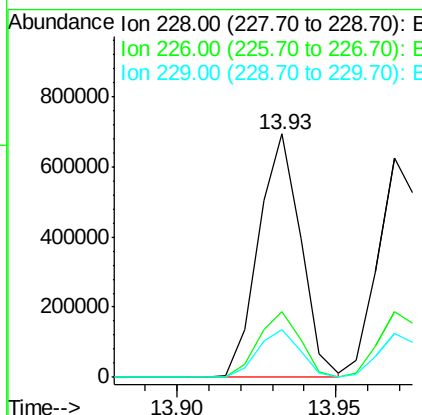
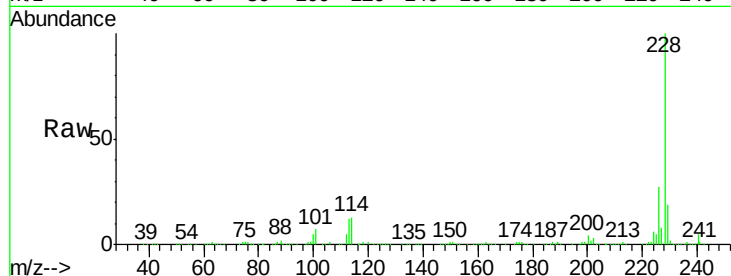
#80
Benzo(a)anthracene
Concen: 44.375 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.4	15.8	23.6

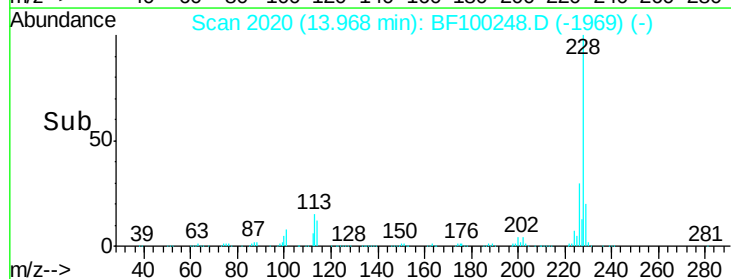
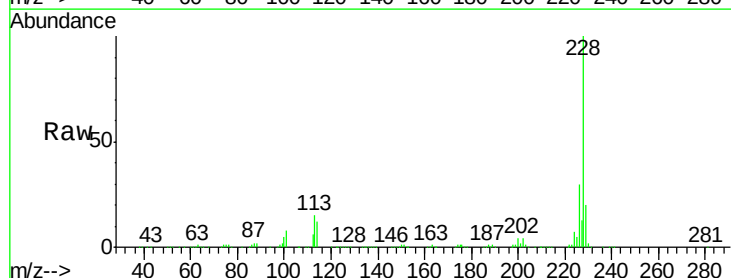
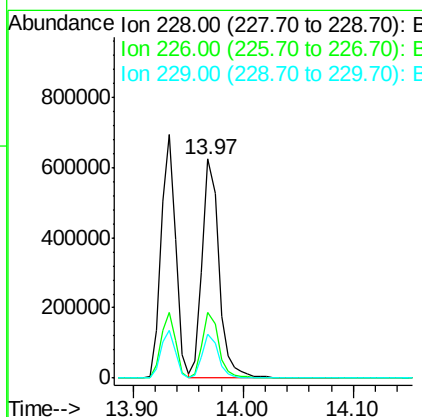
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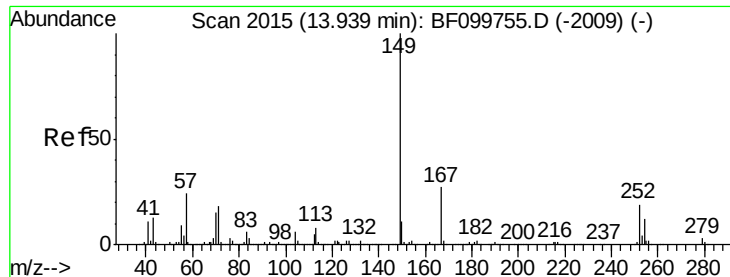
Sohil
11/7/2017 5:39:39 PM



#82
Chrysene
Concen: 47.375 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.770 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

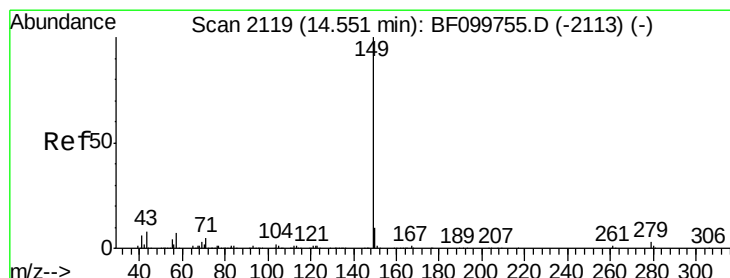
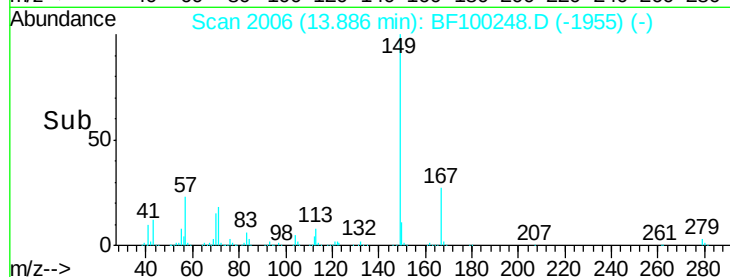
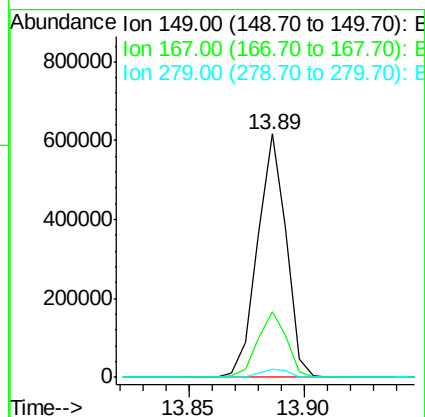
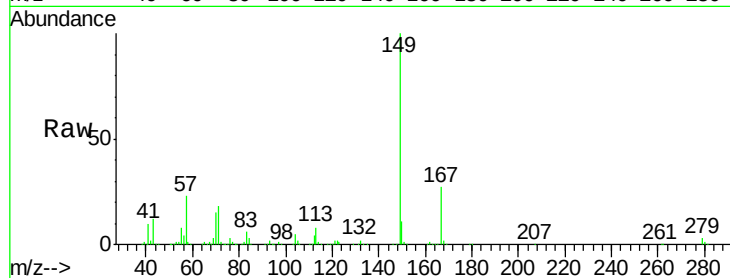
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	149	Resp:	535460
Ion Ratio		Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.1	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 42.684 ng

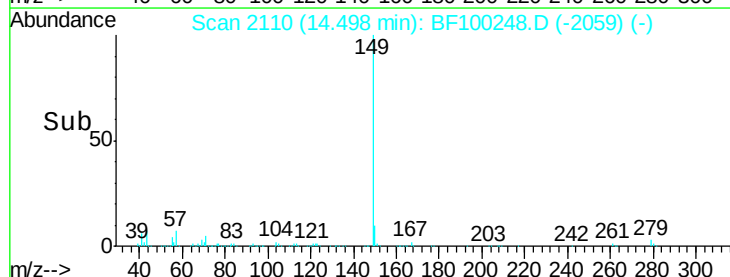
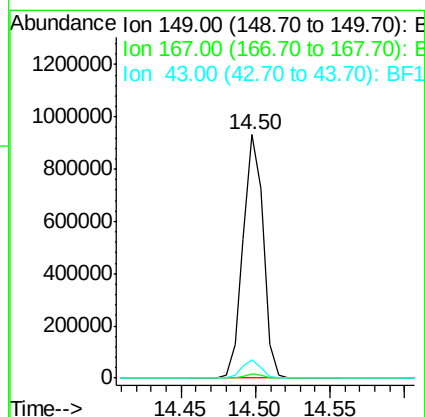
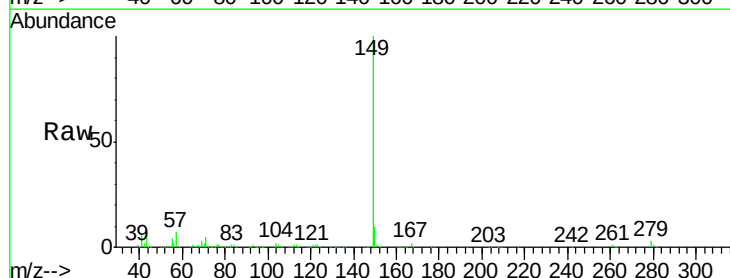
RT: 14.50 min Scan# 2110

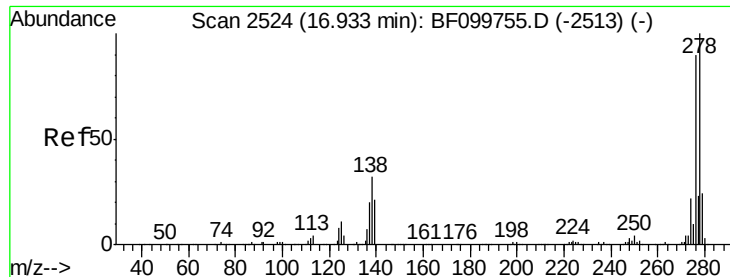
Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion:	149	Resp:	876223
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.1	8.4	12.6#





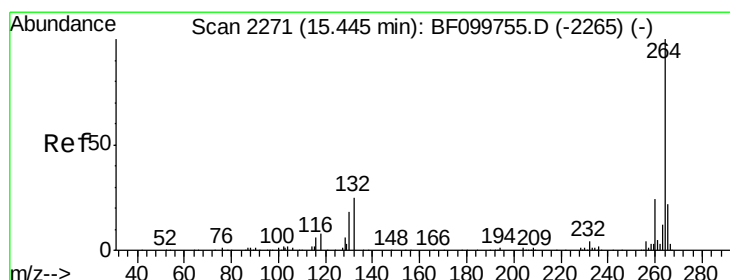
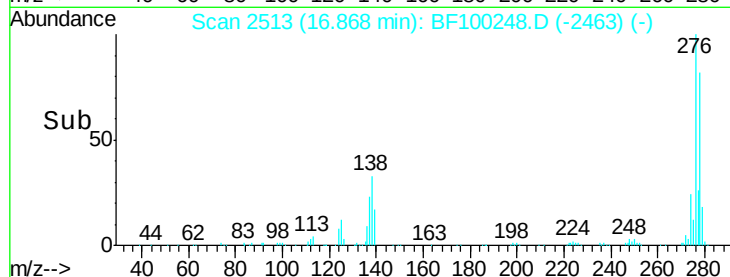
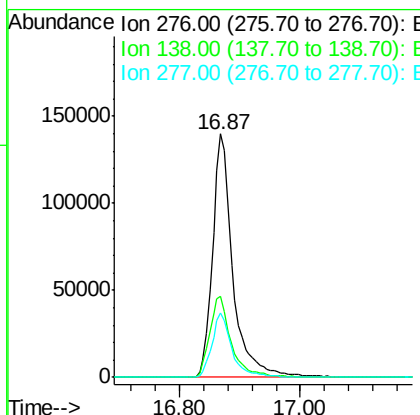
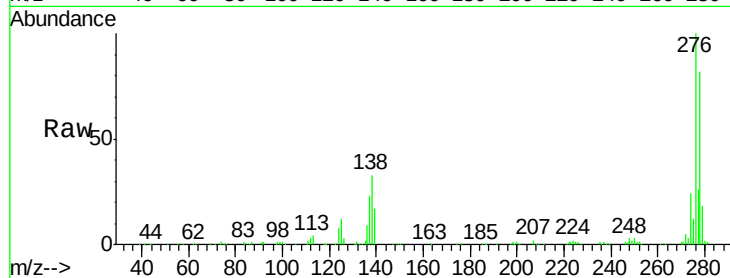
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.041 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	324060		
138	35.5	25.0	37.6	
277	26.1	20.1	30.1	

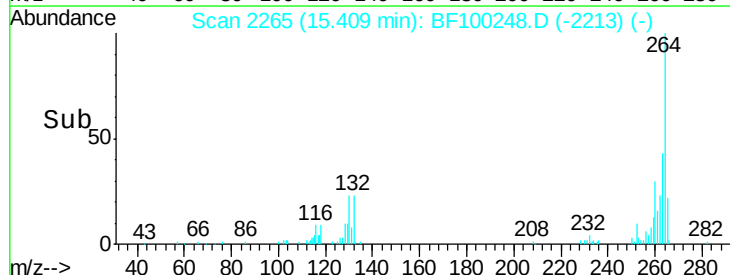
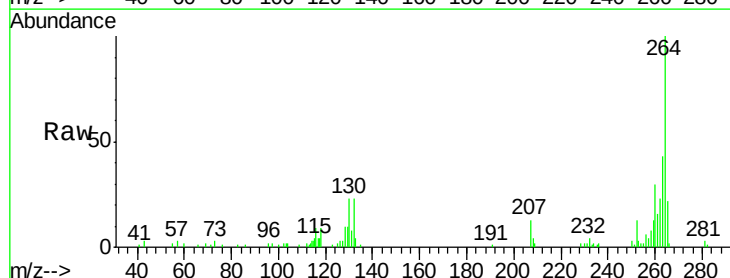
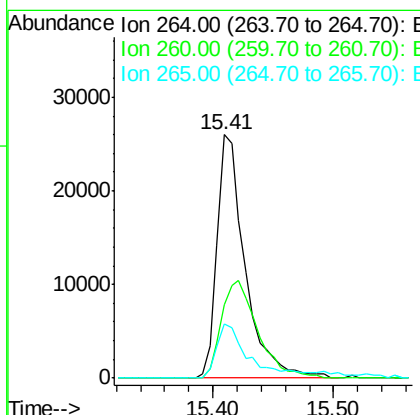
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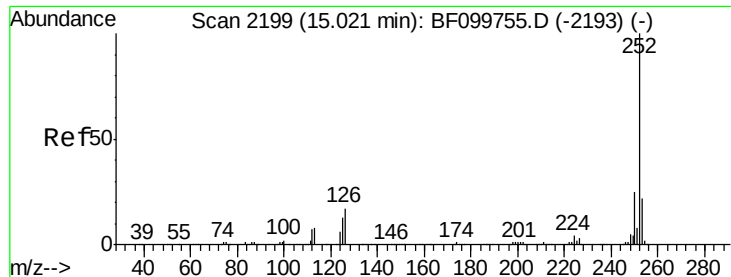
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	41569		
260	29.9	19.2	28.8#	
265	22.4	17.5	26.3	





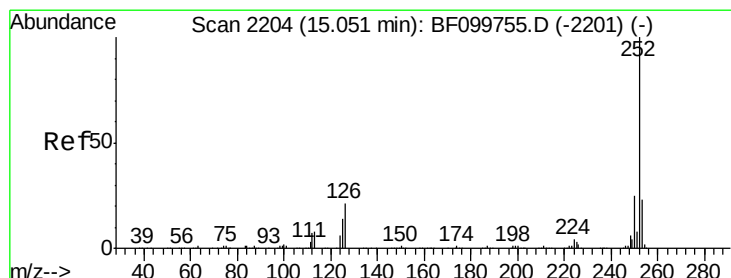
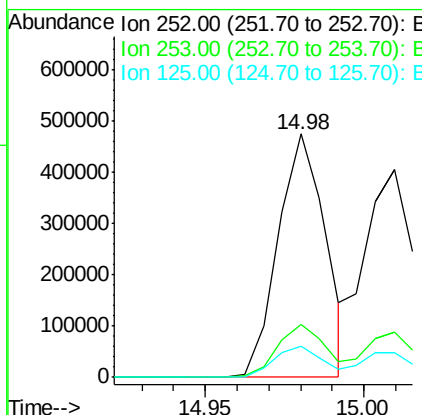
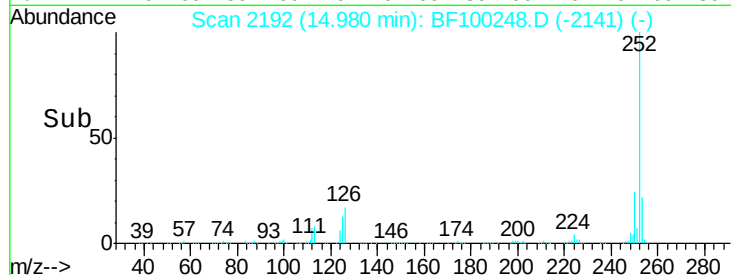
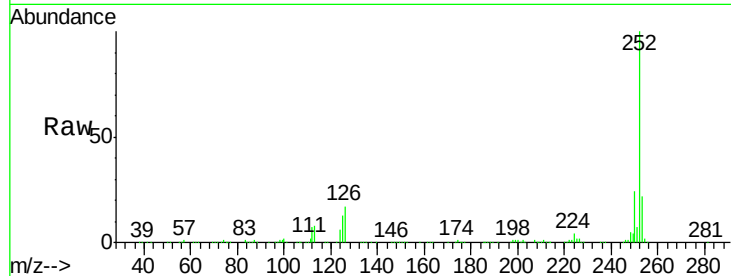
#87
Benzo(b)fluoranthene
Concen: 188.798 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.5	9.0	13.6

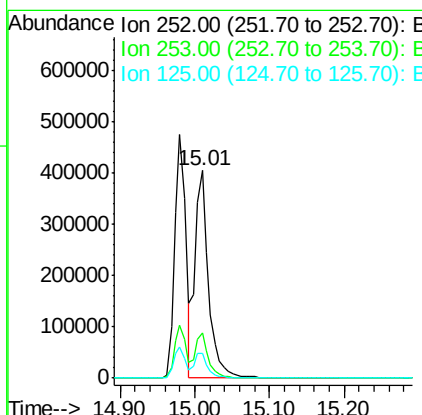
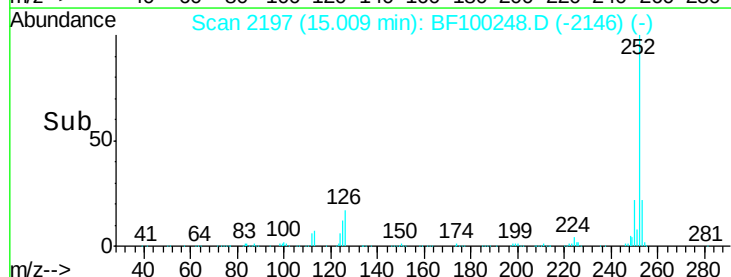
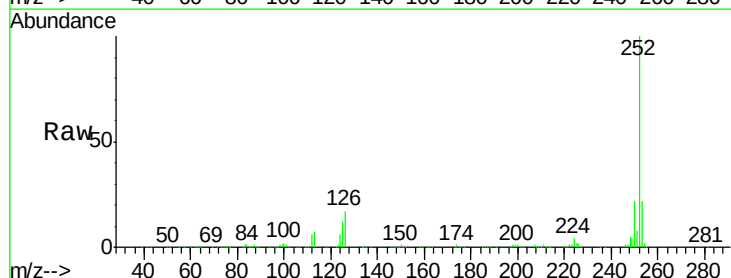
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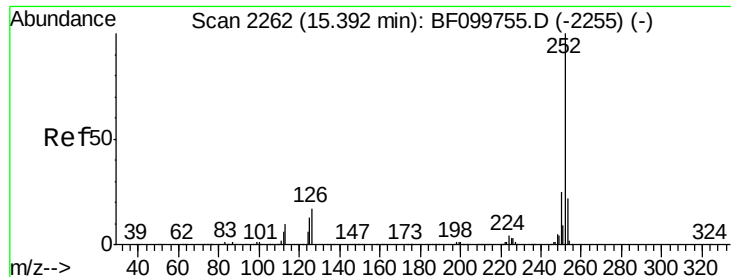
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#88
Benzo(k)fluoranthene
Concen: 207.502 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF100248.D
Acq: 6 Nov 2017 13:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 141.414 ng

RT: 15.34 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Instrument :

BNA_F

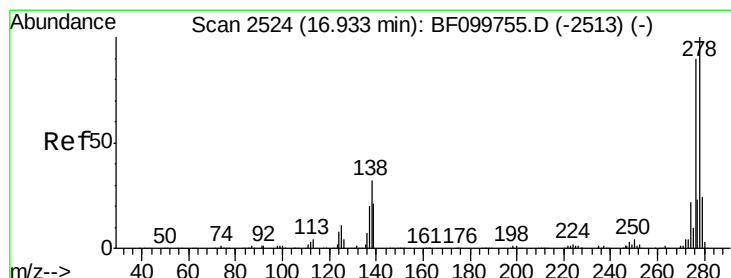
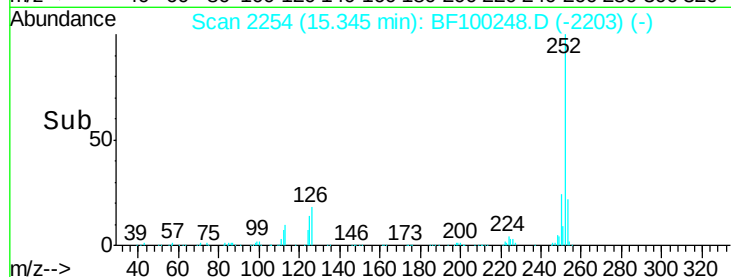
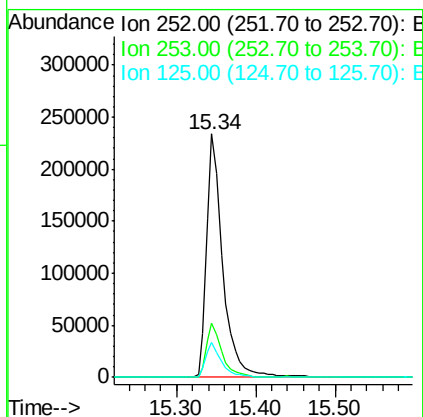
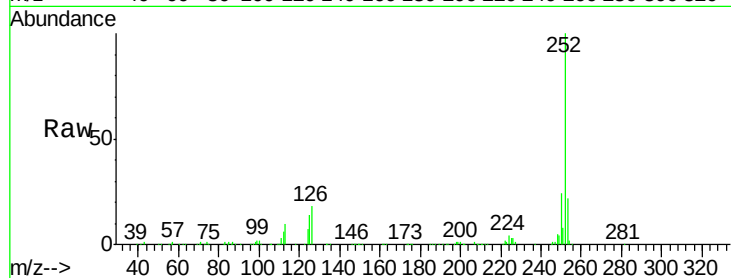
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	252	Resp:	333437
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	14.2	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 166.648 ng

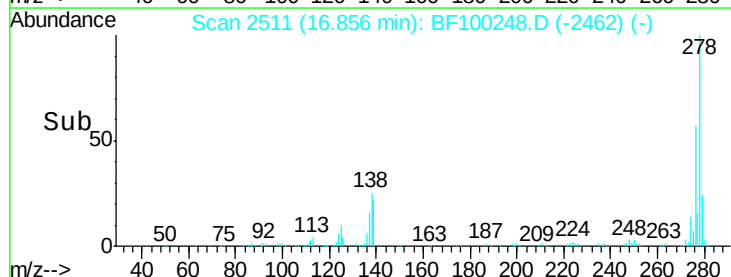
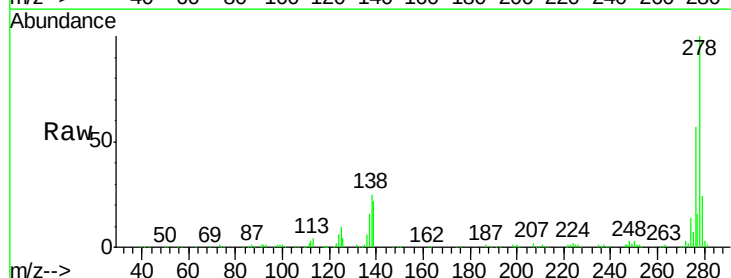
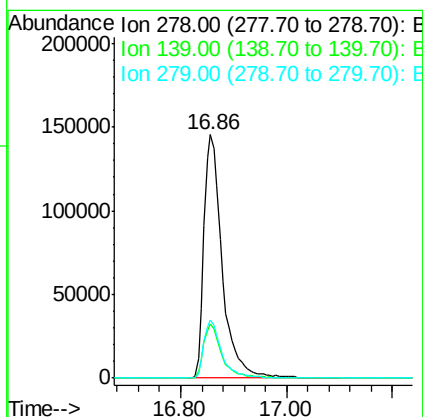
RT: 16.86 min Scan# 2511

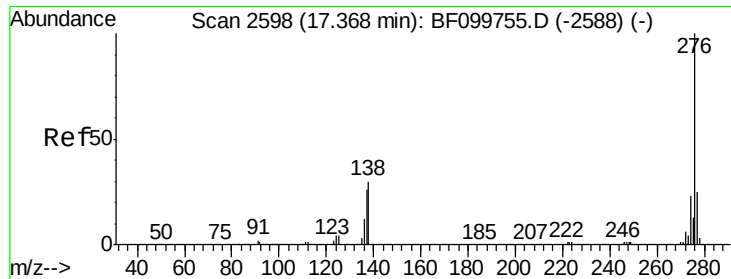
Delta R.T. -0.01 min

Lab File: BF100248.D

Acq: 6 Nov 2017 13:34

Tgt Ion:	278	Resp:	349150
Ion Ratio	Lower	Upper	
278	100		
139	22.1	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 123.070 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. 0.01 min
 Lab File: BF100248.D
 Acq: 6 Nov 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	276	Resp:	252267
Ion Ratio		Lower	Upper
276	100		
277	24.6	17.9	26.9
138	29.6	21.8	32.8

Manual Integrations
 APPROVED

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 11/7/2017 5:39:39 PM

