

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087650.D
 Acq On : 4 Jun 2016 4:20
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:17:55 PM

Quant Time: Jun 04 06:09:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 05:48:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	111718	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	457234	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	213147	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	387407	20.00	ng	0.00
75) Chrysene-d12	14.02	240	304409	20.00	ng	0.00
86) Perylene-d12	15.44	264	255073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	577092	89.77	ng	0.00
7) Phenol-d6	6.49	99	714255	82.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	614738	69.95	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	164175	80.58	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1174916	77.82	ng	0.00
78) Terphenyl-d14	12.97	244	921501	66.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	137307	40.64	ng	# 28
3) Pyridine	3.20	79	367743	48.89	ng	100
4) n-Nitrosodimethylamine	3.14	42	152693	28.72	ng	100
6) Aniline	6.52	93	496251	44.20	ng	100
8) 2-Chlorophenol	6.64	128	302508	38.45	ng	100
9) Benzaldehyde	6.41	77	243698	47.98	ng	100
10) Phenol	6.50	94	434751	44.82	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	262873	35.23	ng	100
12) 1,3-Dichlorobenzene	6.80	146	318338	37.18	ng	100
13) 1,4-Dichlorobenzene	6.88	146	335079	37.99	ng	100
14) 1,2-Dichlorobenzene	7.04	146	307141	37.62	ng	100
15) Benzyl Alcohol	7.00	79	269606	43.02	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	411152	25.43	ng	100
17) 2-Methylphenol	7.11	107	255768	40.19	ng	100
18) Hexachloroethane	7.38	117	122035	37.23	ng	100
19) n-Nitroso-di-n-propylamine	7.28	70	198497	31.94	ng	100
20) 3+4-Methylphenols	7.27	107	294183	38.83	ng	100
22) Acetophenone	7.28	105	437181	40.07	ng	100
24) Nitrobenzene	7.45	77	340133	36.31	ng	100
25) Isophorone	7.69	82	568317	35.61	ng	100
26) 2-Nitrophenol	7.76	139	141384	37.01	ng	100
27) 2,4-Dimethylphenol	7.80	122	313464	45.28	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	351906	38.55	ng	100
29) 2,4-Dichlorophenol	8.00	162	244486	40.20	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	260210	37.51	ng	100
31) Naphthalene	8.17	128	878602	38.47	ng	100
32) Benzoic acid	7.91	122	202507	57.44	ng	100
33) 4-Chloroaniline	8.22	127	372949	43.72	ng	100
34) Hexachlorobutadiene	8.30	225	139348	33.59	ng	100
35) Caprolactam	8.59	113	81463	44.93	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	268828	39.30	ng	100
37) 2-Methylnaphthalene	8.87	142	576170	40.16	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237060	35.41	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	133830	57.21	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	177660	44.61	nq	100
43) 2,4,5-Trichlorophenol	9.18	196	178454	43.95	nq	100
45) 1,1'-Biphenyl	9.32	154	647074	36.40	nq	100
46) 2-Chloronaphthalene	9.35	162	504755	37.15	nq	100
47) 2-Nitroaniline	9.44	65	147321	31.10	nq	100
48) Acenaphthylene	9.76	152	850119	39.18	nq	100
49) Dimethylphthalate	9.63	163	656434	38.67	nq	100
50) 2,6-Dinitrotoluene	9.69	165	155130	44.33	nq	100
51) Acenaphthene	9.94	154	551569	40.87	nq	100
52) 3-Nitroaniline	9.85	138	144972	41.04	nq	100
53) 2,4-Dinitrophenol	9.95	184	65014	44.59	nq	100
54) Dibenzofuran	10.11	168	781571	42.57	nq	100
55) 4-Nitrophenol	10.00	139	117401	62.26	nq	100
56) 2,4-Dinitrotoluene	10.09	165	202442	43.71	nq	100
57) Fluorene	10.44	166	534594	34.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	137047	44.14	nq	# 54
59) Diethylphthalate	10.33	149	609195	37.03	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	237331	32.00	nq	100
61) 4-Nitroaniline	10.47	138	172687	51.02	nq	100
62) Azobenzene	10.60	77	654349	39.00	nq	100
64) 4,6-Dinitro-2-methylphenol	10.49	198	85369	36.15	nq	100
65) n-Nitrosodiphenylamine	10.56	169	491501	39.47	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	167440	39.67	nq	100
67) Hexachlorobenzene	10.99	284	163475	37.37	nq	100
68) Atrazine	11.10	200	158108	39.79	nq	100
69) Pentachlorophenol	11.19	266	113769	80.03	nq	100
70) Phenanthrene	11.41	178	776045	36.62	nq	100
71) Anthracene	11.46	178	895261	41.06	nq	100
72) Carbazole	11.61	167	755774	40.83	nq	100
73) Di-n-butylphthalate	11.95	149	912707	38.72	nq	100
74) Fluoranthene	12.59	202	852559	39.82	nq	100
76) Benzidine	12.72	184	552905	63.61	nq	100
77) Pyrene	12.82	202	874556	39.99	nq	100
79) Butylbenzylphthalate	13.45	149	399897	41.43	nq	100
80) Benzo(a)anthracene	14.01	228	708569	40.85	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	216948	24.09	nq	100
82) Chrysene	14.05	228	695176	40.24	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	467558	33.96	nq	100
84) Di-n-octyl phthalate	14.63	149	833879	39.23	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.83	276	590753	42.63	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	681919	42.15	nq	100
88) Benzo(k)fluoranthene	15.06	252	525540m	37.13	nq	
89) Benzo(a)pyrene	15.38	252	573883	40.64	nq	100
90) Dibenzo(a,h)anthracene	16.86	278	489438	40.84	nq	100
91) Benzo(g,h,i)perylene	17.26	276	494438	41.68	nq	100

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

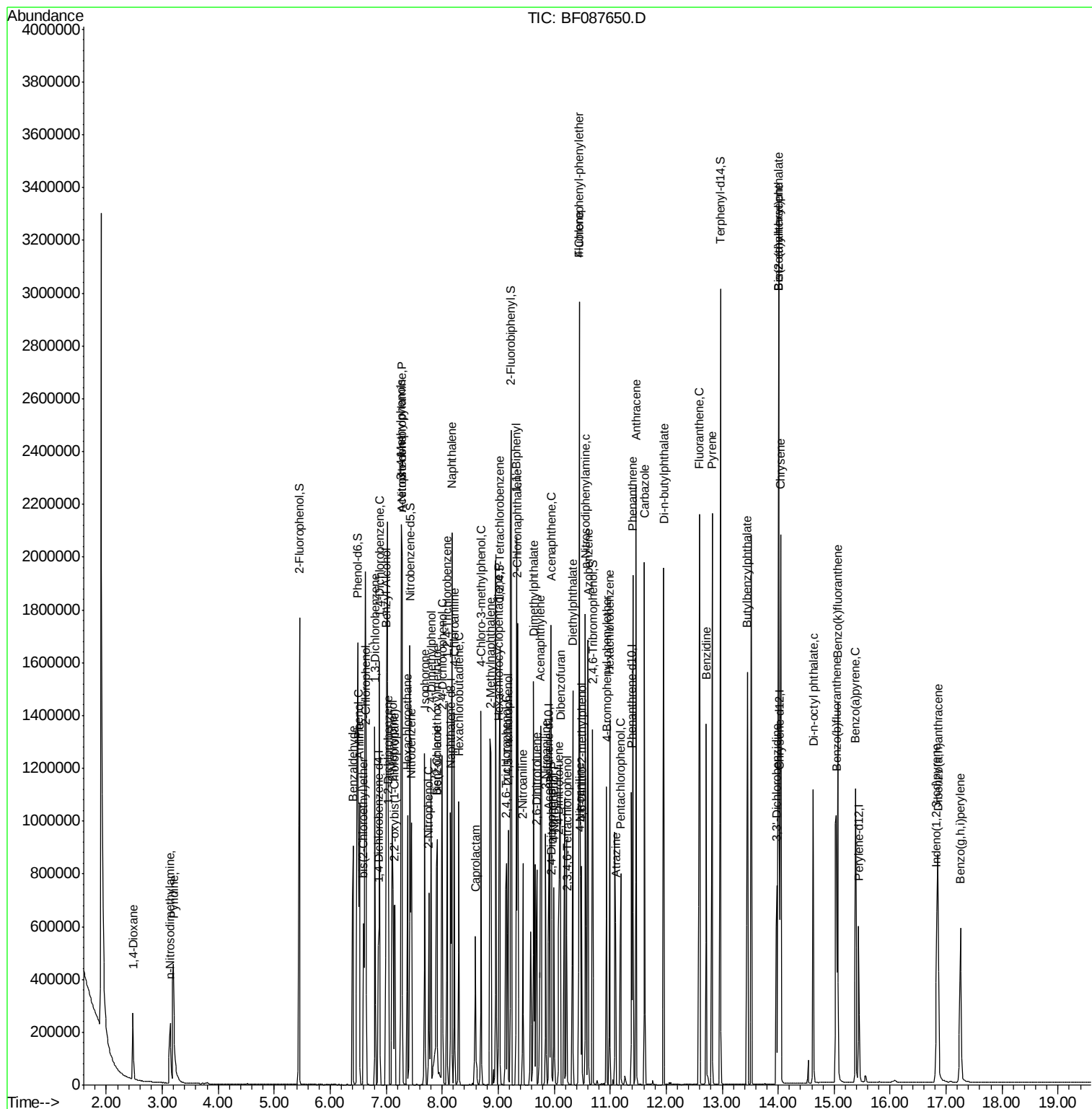
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\  
Data File : BF087650.D  
Acq On    : 4 Jun 2016 4:20  
Operator  : UM/SJ  
Sample    : SSTDICC040  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
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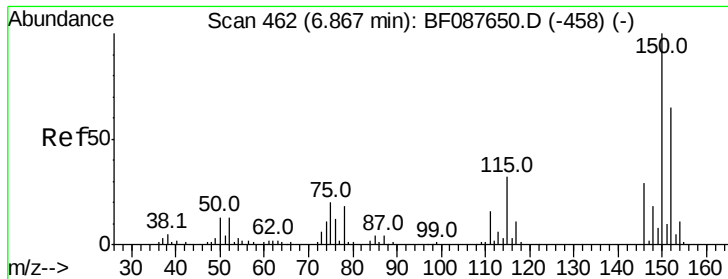
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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6/6/2016 7:17:55 PM

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QLast Update : Sat Jun 04 05:48:44 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

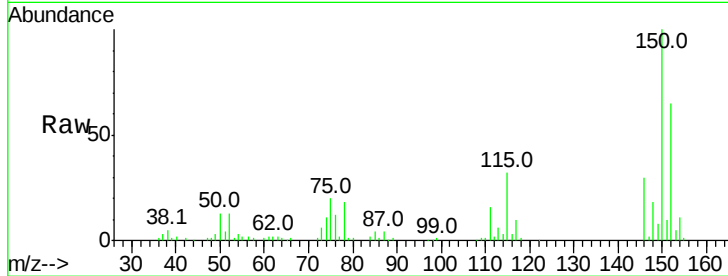
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	49.5	39.6	59.4

Manual Integrations
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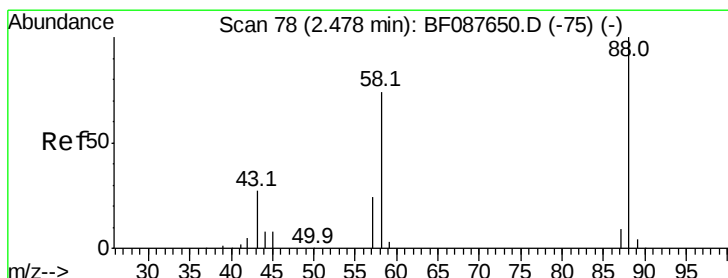
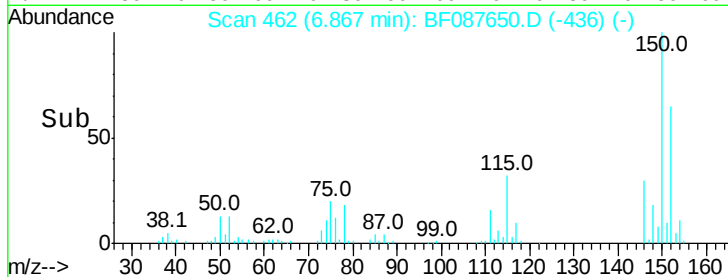
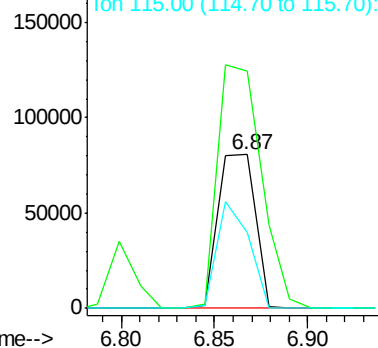
SOHIL
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.64 ng

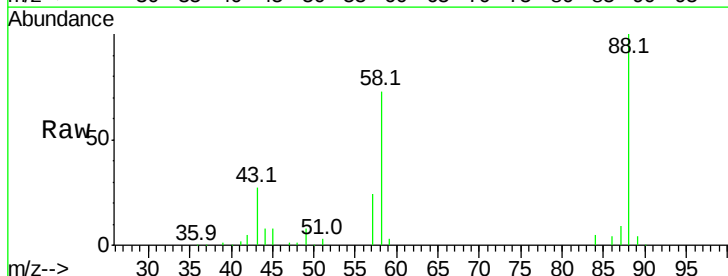
RT: 2.48 min Scan# 78

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

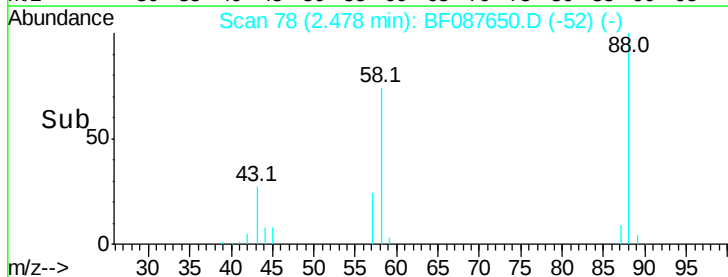
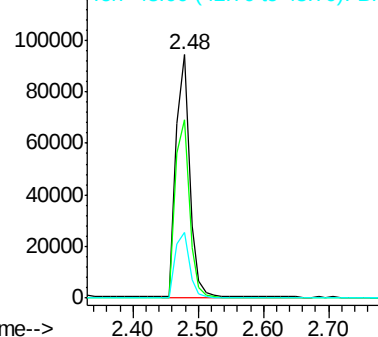
Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	0.0	0.0#
43	27.9	3.4	5.2#

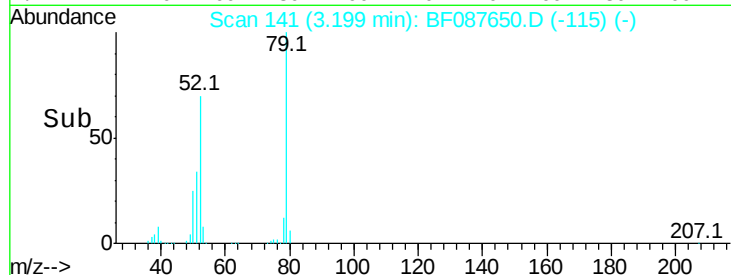
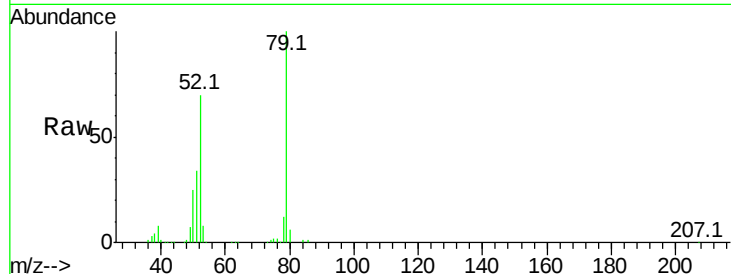
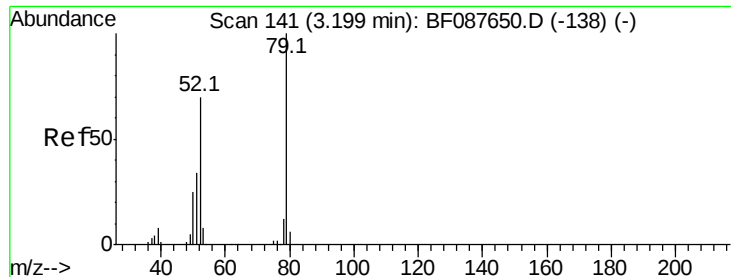


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





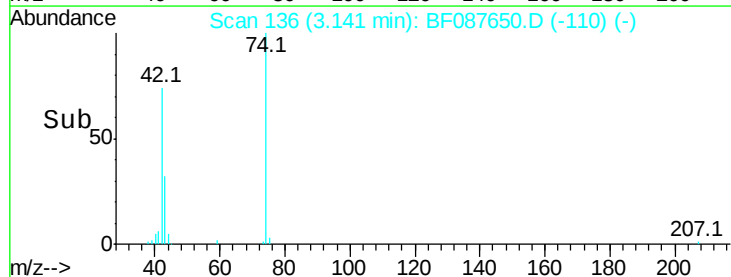
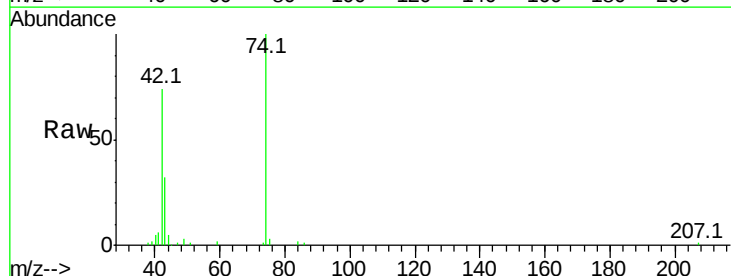
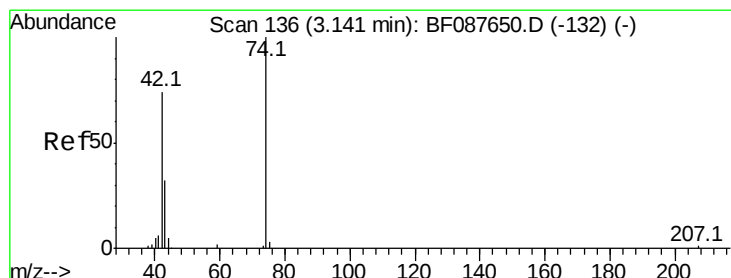
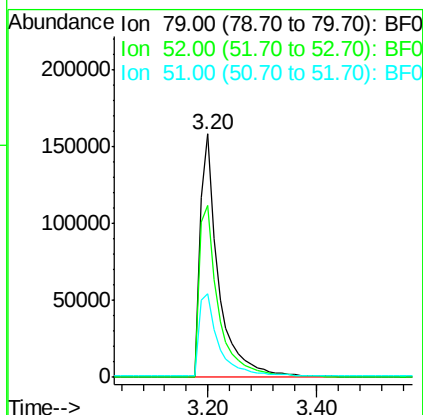
#3
Pvridine
Concen: 48.89 ng
RT: 3.20 min Scan# 141
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.4	56.3	84.5
51	34.3	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

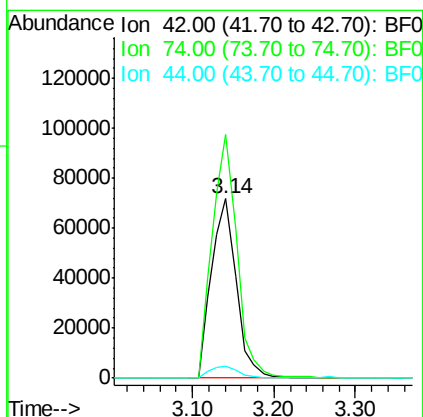
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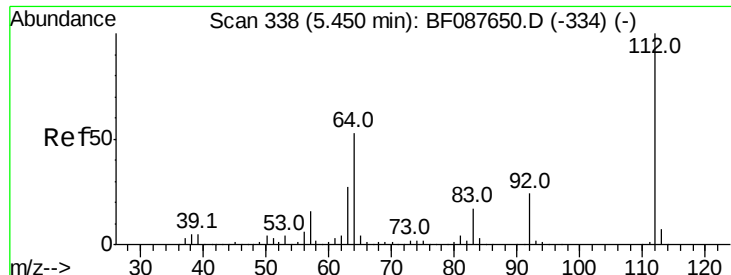
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#4
n-Nitrosodimethylamine
Concen: 28.72 ng
RT: 3.14 min Scan# 136
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.8	108.6	163.0
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 89.77 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

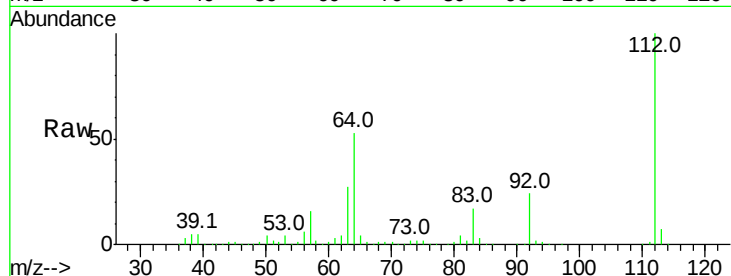
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	577092
Ion Ratio	Lower	Upper	
112	100		
64	52.7	42.2	63.2
63	27.3	21.8	32.8

Manual Integrations
APPROVED

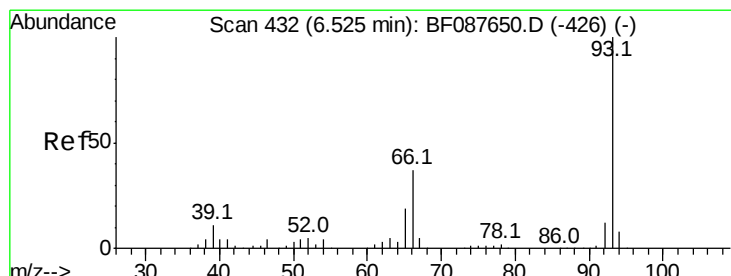
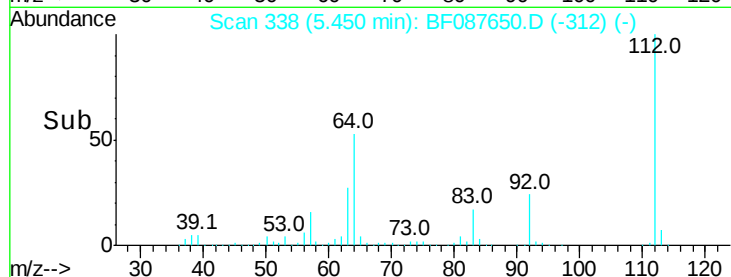
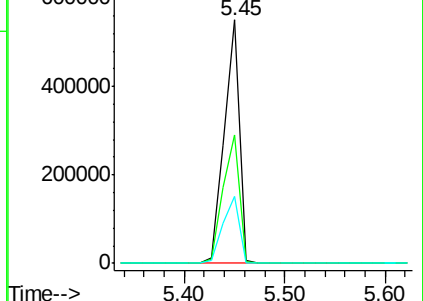
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.20 ng

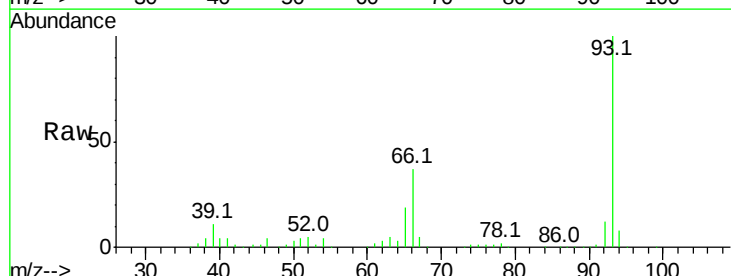
RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

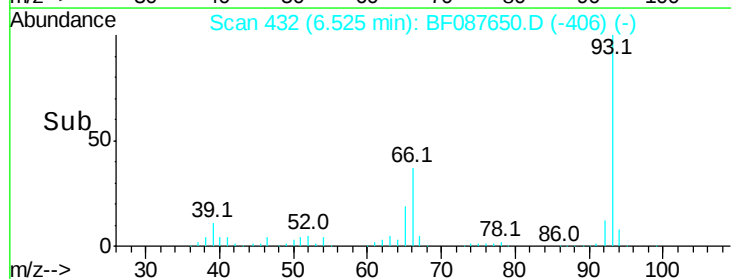
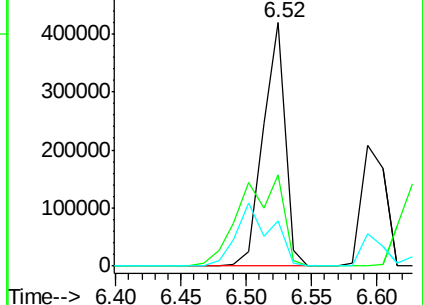
Tgt Ion:	93	Resp:	496251
Ion Ratio	Lower	Upper	
93	100		
66	37.3	29.8	44.8
65	18.6	14.9	22.3

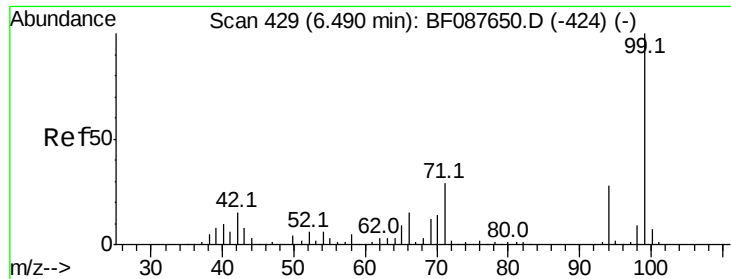


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.70 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

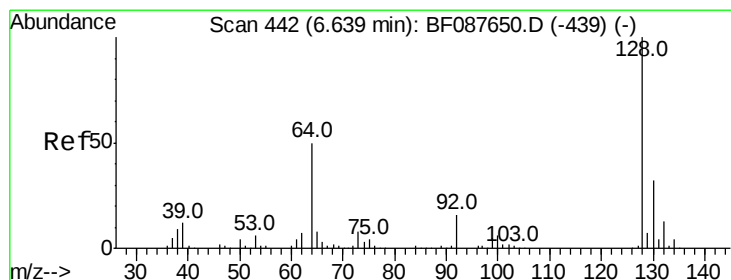
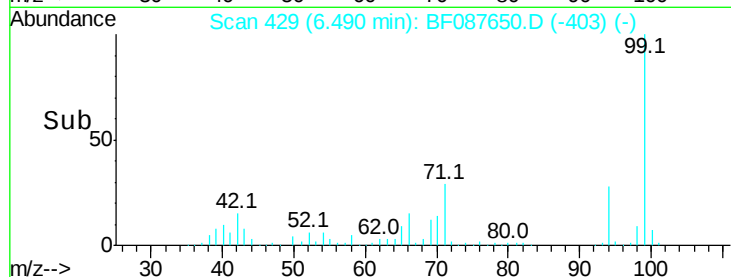
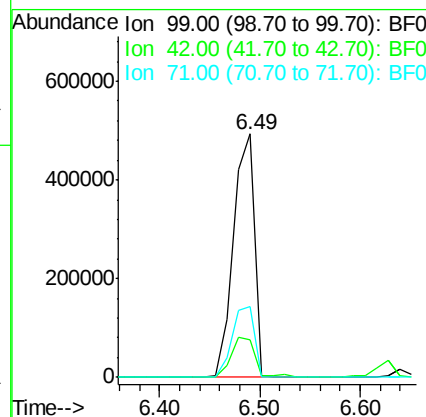
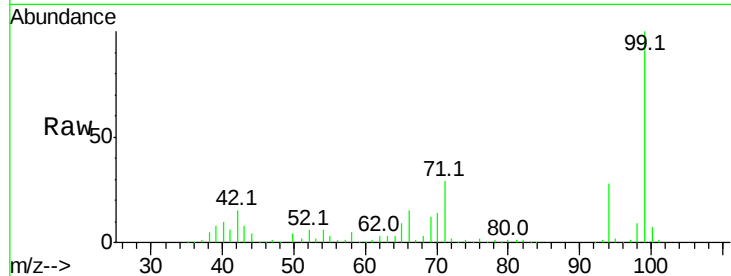
ClientSampleId :

SSTDICCC040

Tot Ion:	99	Resp:	714255
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.2	18.2
71	29.2	23.4	35.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.45 ng

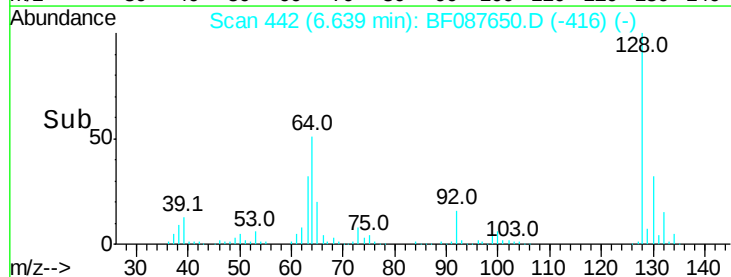
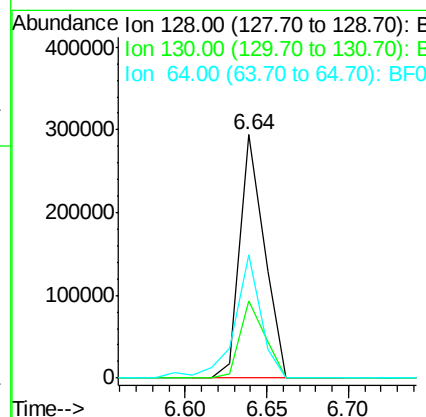
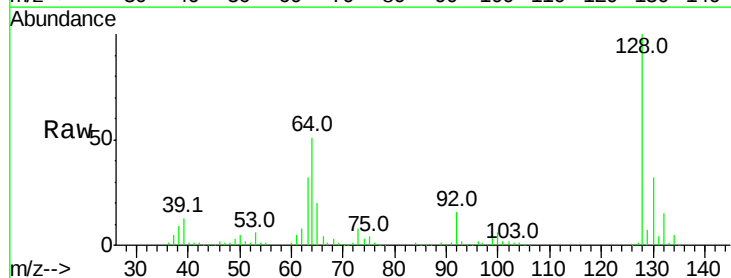
RT: 6.64 min Scan# 442

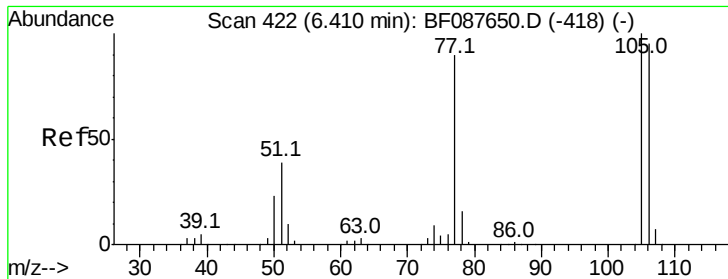
Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion:	128	Resp:	302508
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	50.8	30.8	70.8





#9

Benzaldehyde

Concen: 47.98 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 243698

Ion Ratio Lower Upper

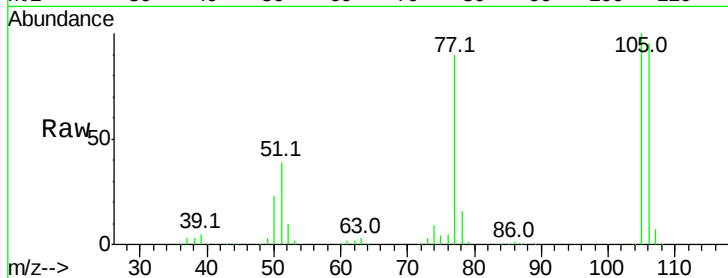
77 100

105 110.6 90.6 130.6

106 105.3 85.3 125.3

Manual Integrations
APPROVED

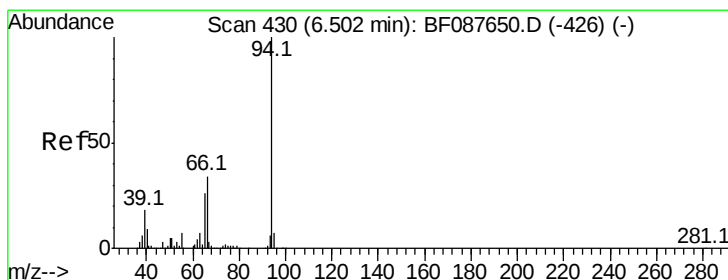
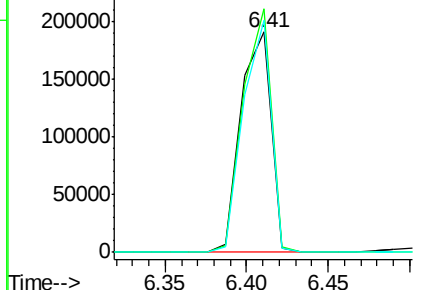
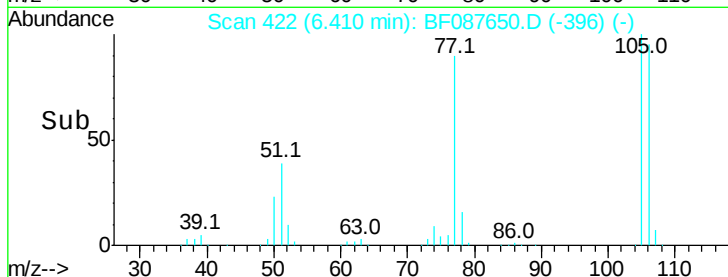
SOHIL
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.82 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

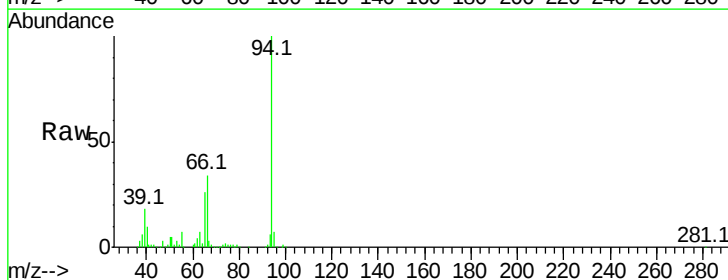
Tgt Ion: 94 Resp: 434751

Ion Ratio Lower Upper

94 100

65 25.9 5.9 45.9

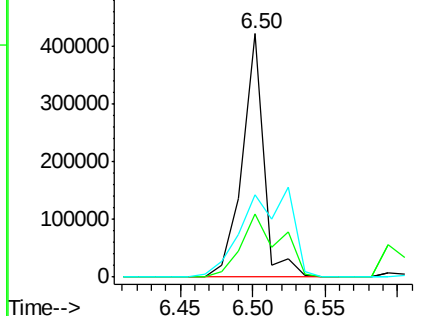
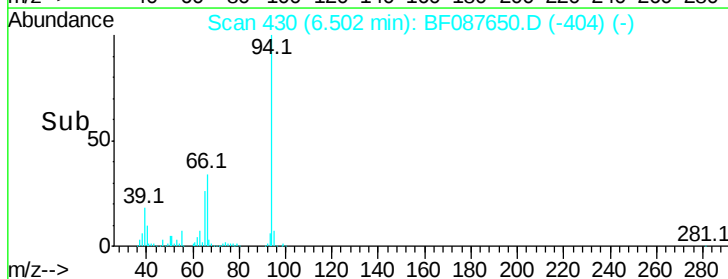
66 34.0 14.0 54.0

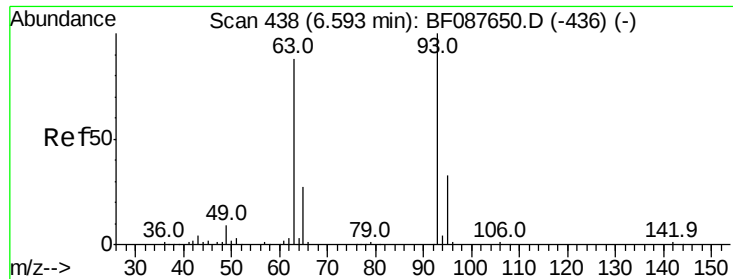


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.23 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

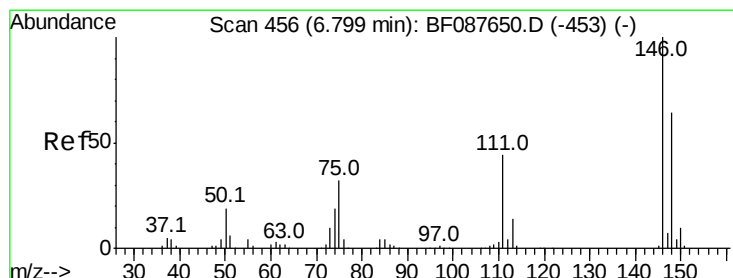
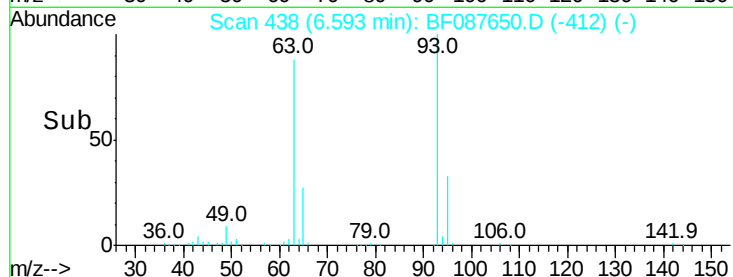
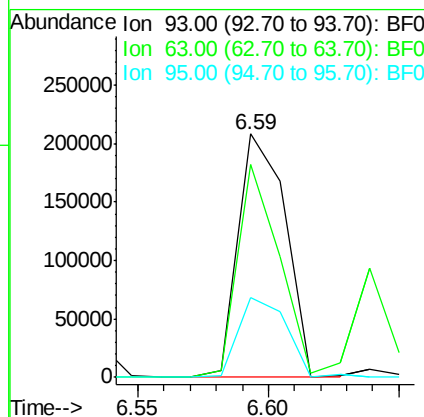
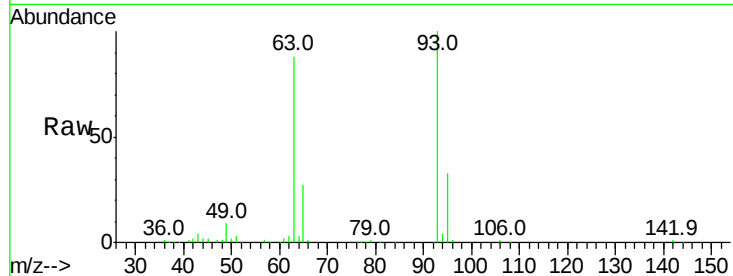
SSTDICCC040

Tot Ion: 93 Resp: 262873

Ion	Ratio	Lower	Upper
93	100		
63	87.6	67.6	107.6
95	32.5	12.5	52.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.18 ng

RT: 6.80 min Scan# 456

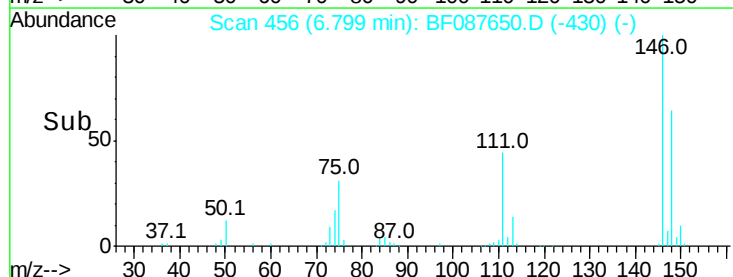
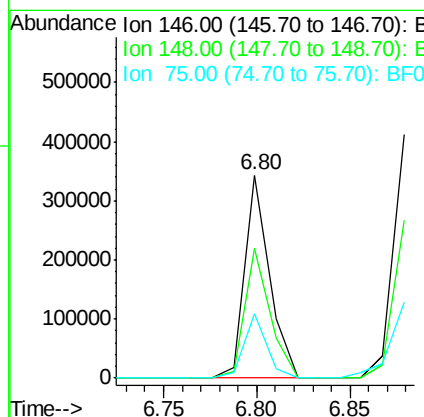
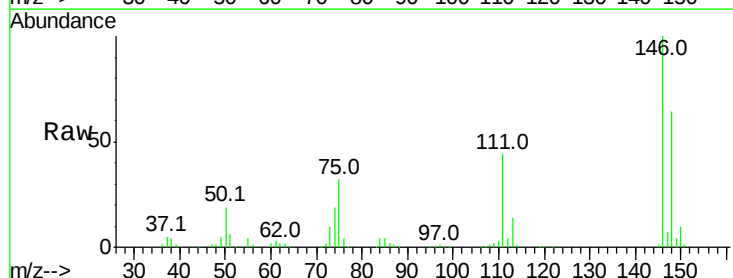
Delta R.T. 0.00 min

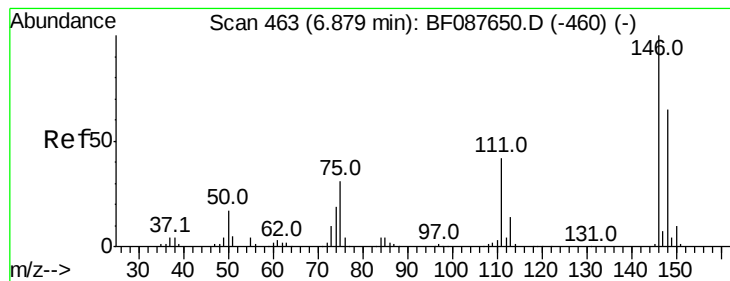
Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion: 146 Resp: 318338

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
75	32.0	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 37.99 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:146 Resp: 335079

Ion Ratio Lower Upper

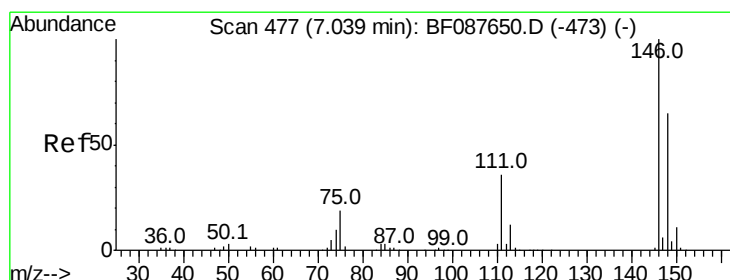
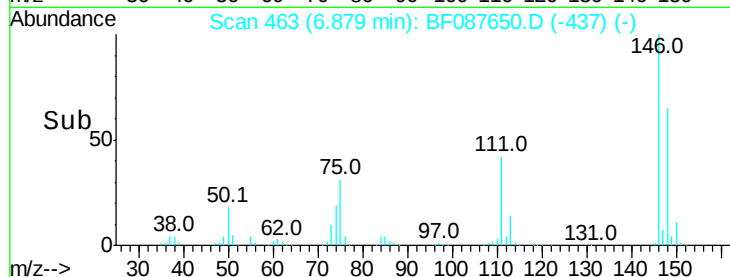
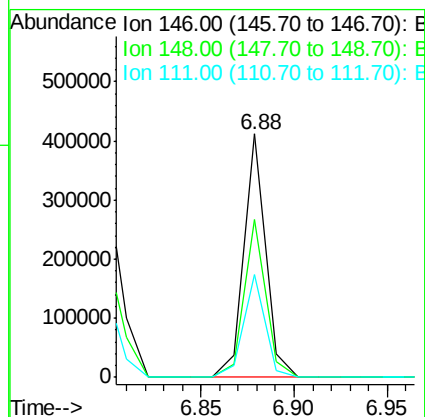
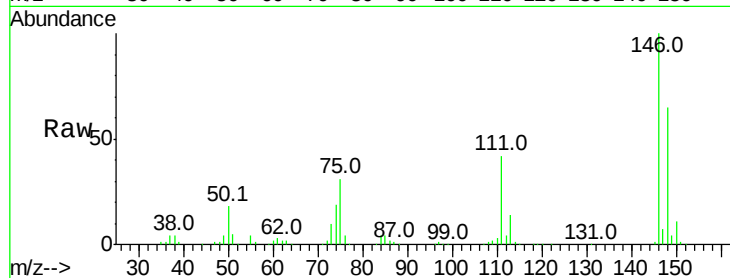
146 100

148 65.0 52.0 78.0

111 42.3 33.8 50.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.62 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

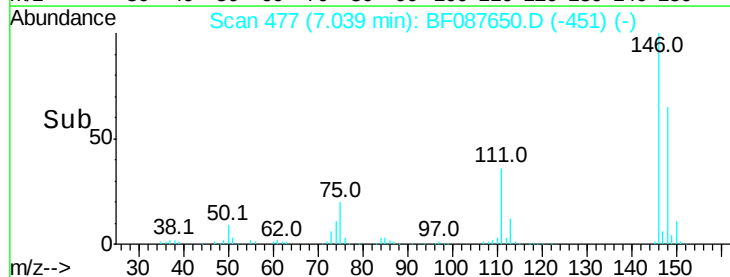
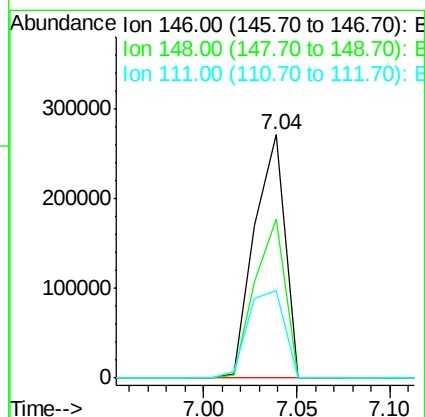
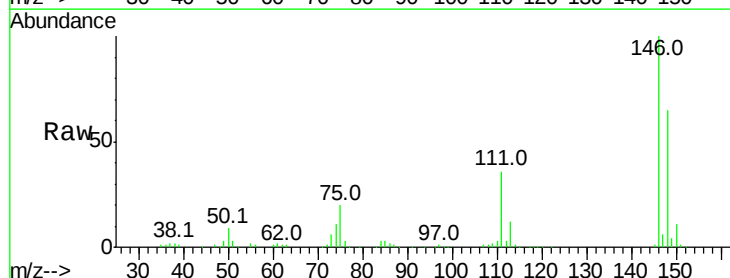
Tgt Ion:146 Resp: 307141

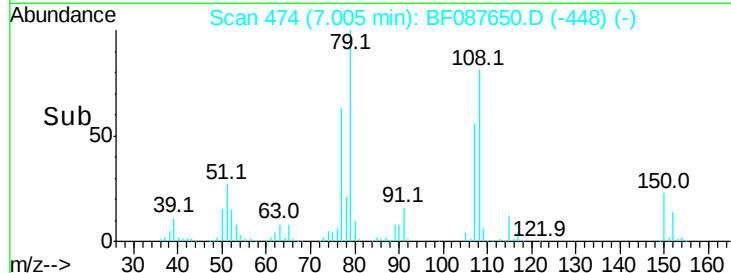
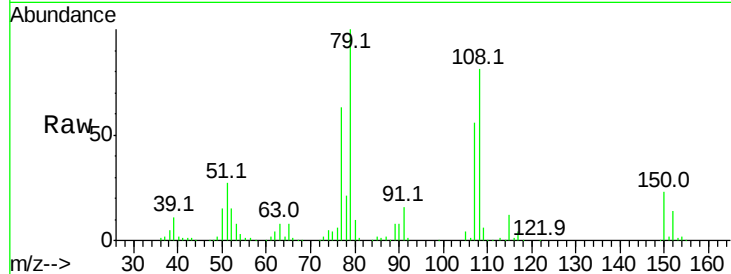
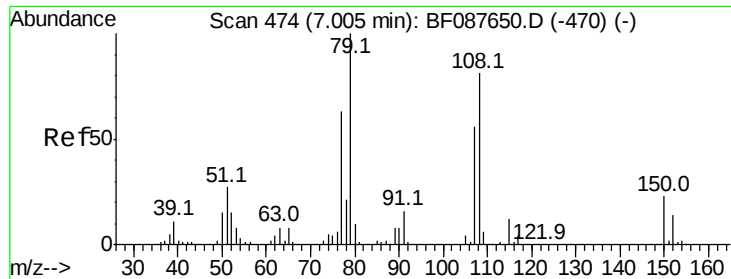
Ion Ratio Lower Upper

146 100

148 65.4 52.3 78.5

111 35.9 28.7 43.1





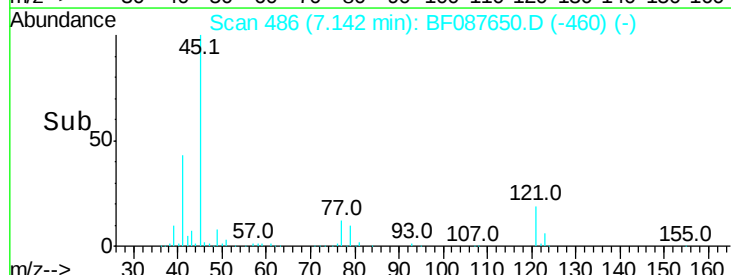
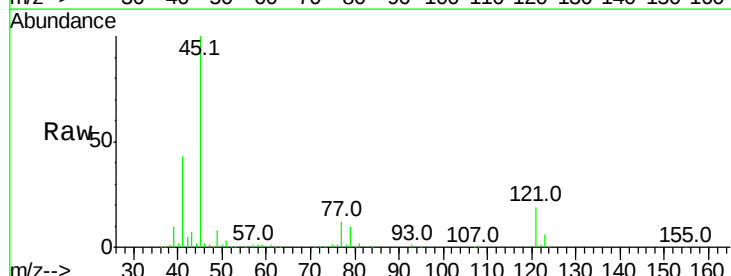
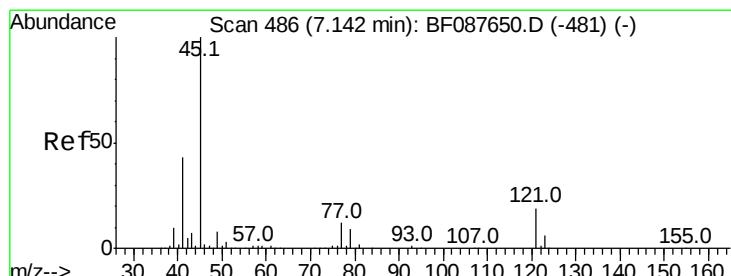
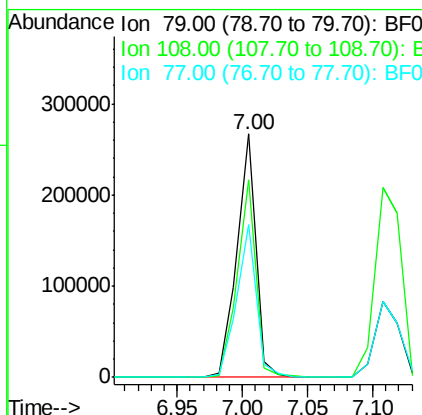
#15
Benzyl Alcohol
Concen: 43.02 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tot Ion	Ratio	Resp	Lower	Upper
79	100	269606		
108	81.3	65.0	97.6	
77	62.9	50.3	75.5	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

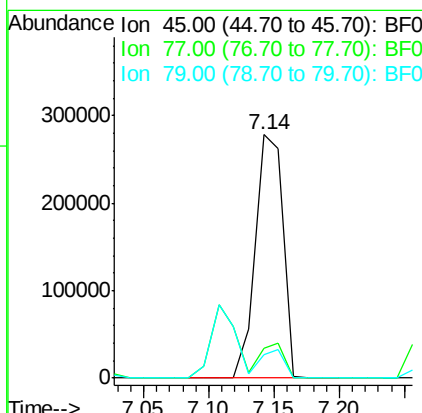
Manual Integrations
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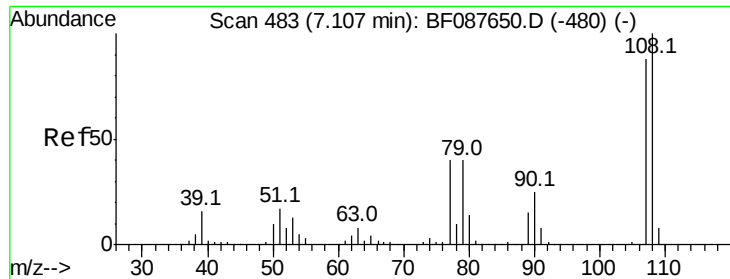
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.43 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	411152		
77	12.5	0.0	32.5	
79	9.5	0.0	29.5	





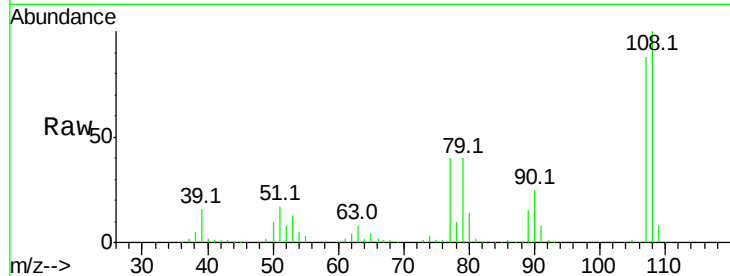
#17
2-Methylphenol
Concen: 40.19 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

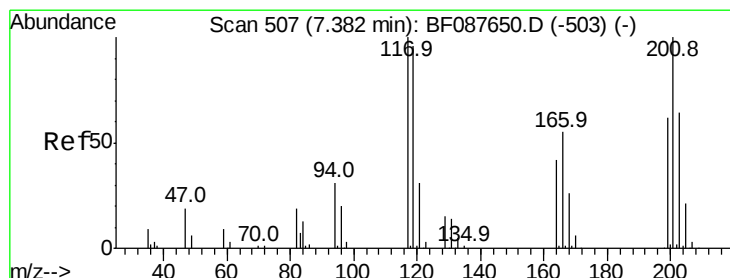
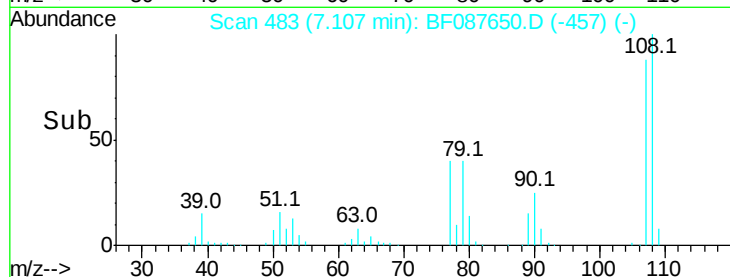
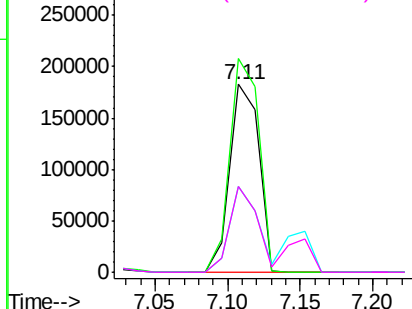
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	255768		
108	113.6	90.9	136.3		
77	45.8	36.6	55.0		
79	45.6	36.5	54.7		

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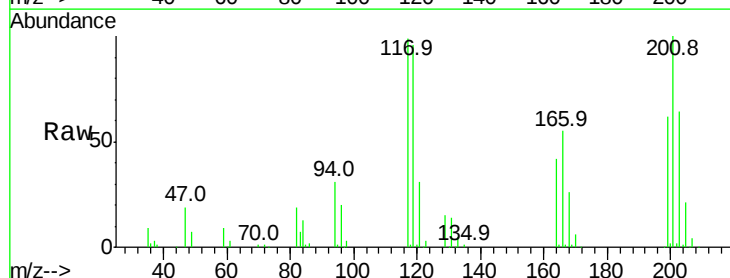


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

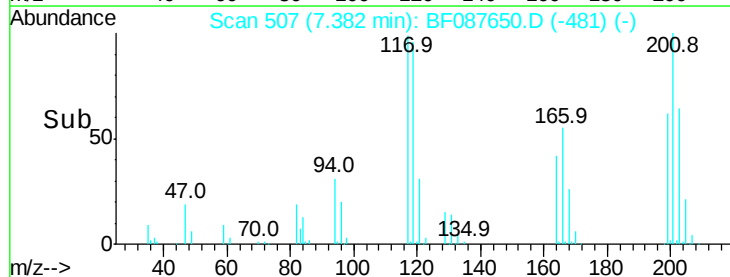
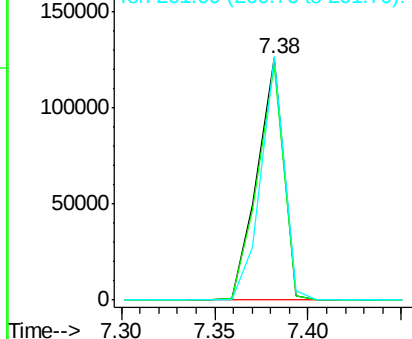


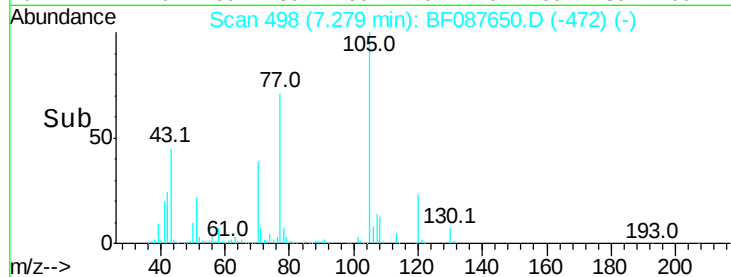
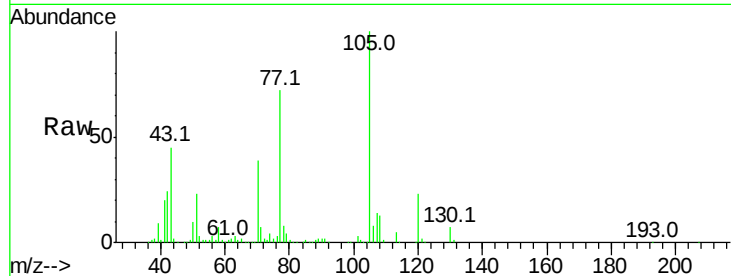
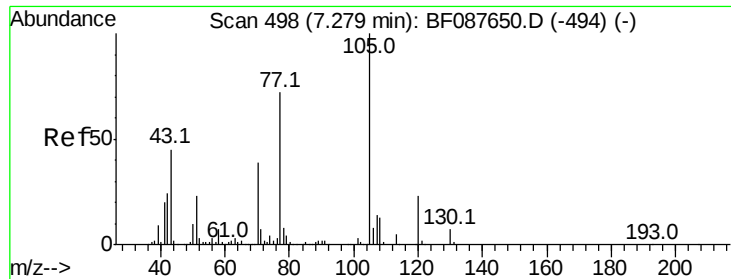
#18
Hexachloroethane
Concen: 37.23 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	122035		
119	96.8	77.4	116.2		
201	100.5	80.4	120.6		



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





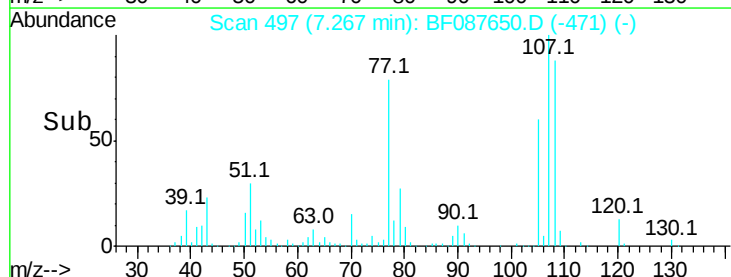
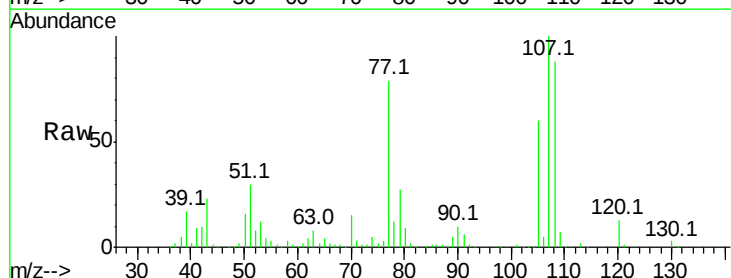
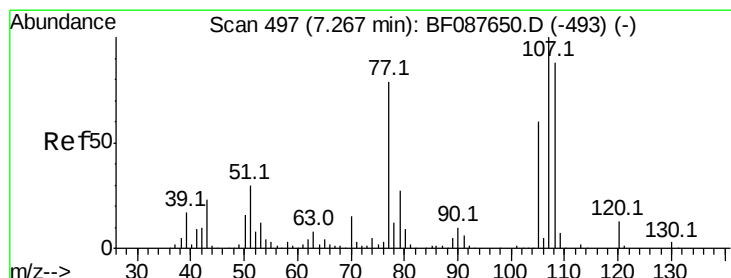
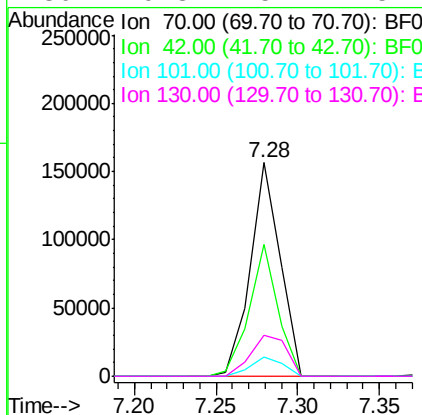
#19
n-Nitroso-di-n-propylamine
Concen: 31.94 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	70	Resp	198497
Ion Ratio	Lower	Upper	
70	100		
42	62.0	49.6	74.4
101	8.9	7.1	10.7
130	19.3	15.4	23.2

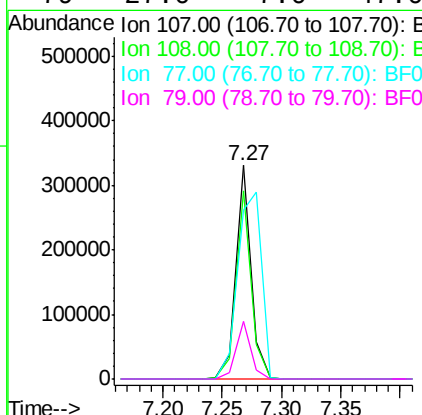
Manual Integrations
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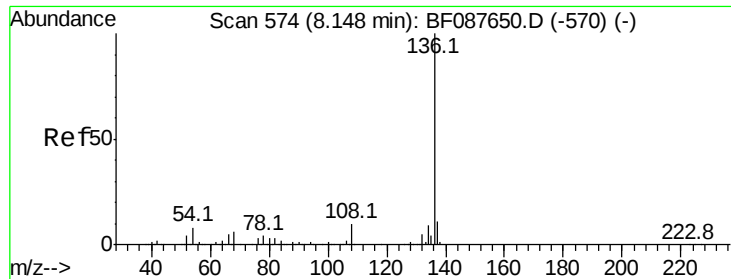
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#20
3+4-Methylphenols
Concen: 38.83 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	107	Resp	294183
Ion Ratio	Lower	Upper	
107	100		
108	87.8	67.8	107.8
77	79.3	59.3	99.3
79	27.0	7.0	47.0





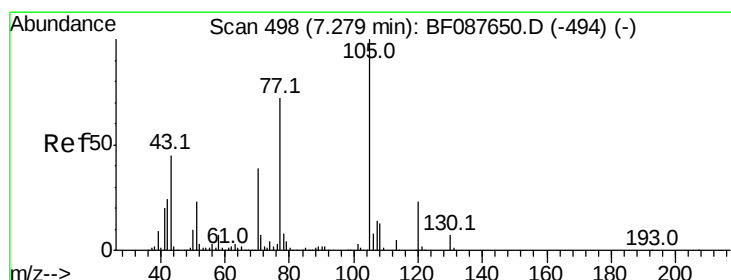
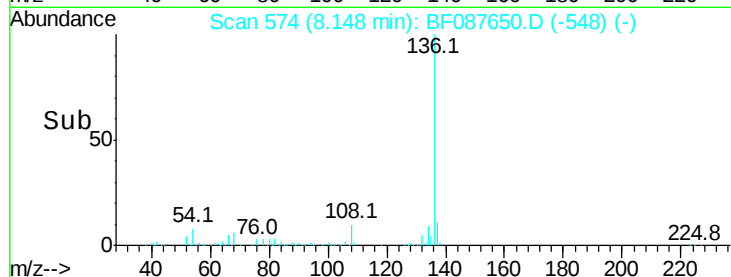
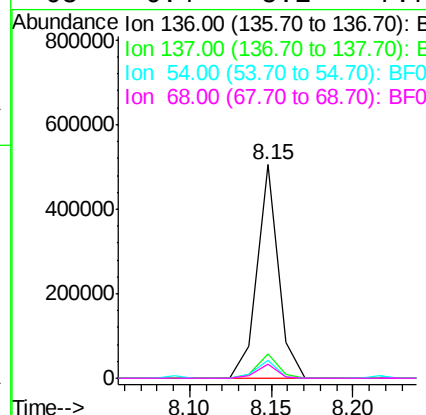
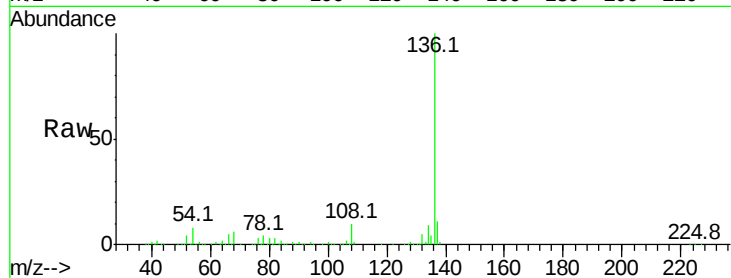
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	8.3	6.6	10.0	
68	6.4	5.1	7.7	

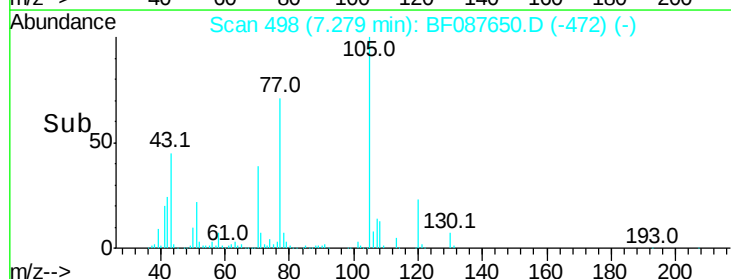
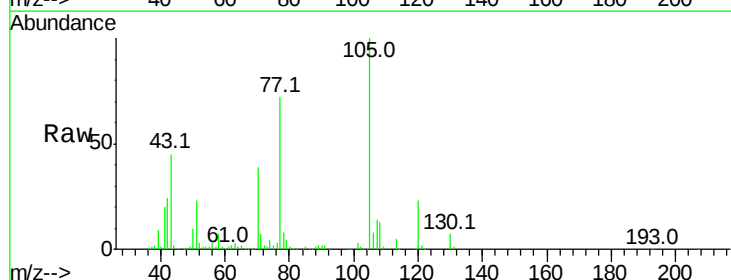
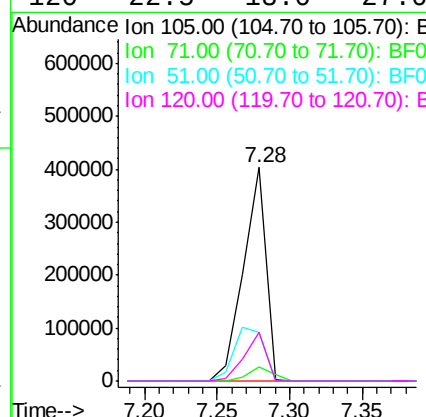
Manual Integrations
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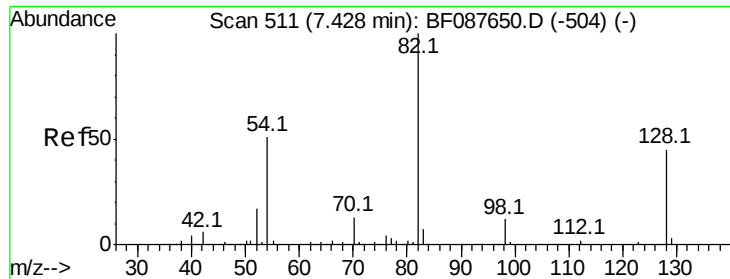
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#22
Acetophenone
Concen: 40.07 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	5.3	7.9	
51	22.8	18.2	27.4	
120	22.5	18.0	27.0	





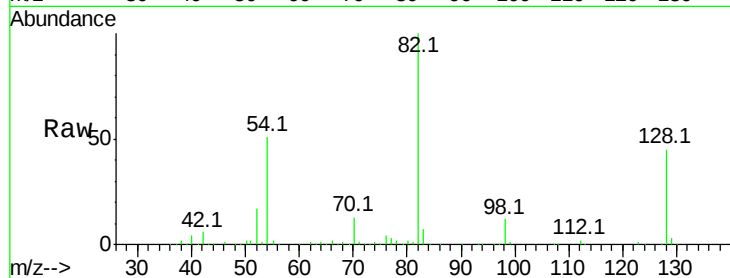
#23
 Nitrobenzene-d5
 Concen: 69.95 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

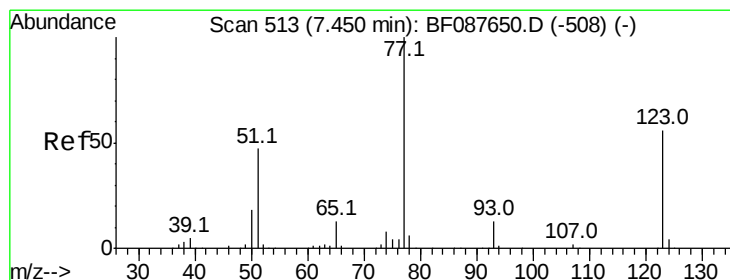
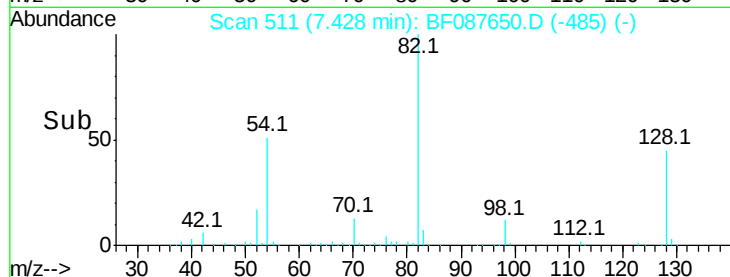
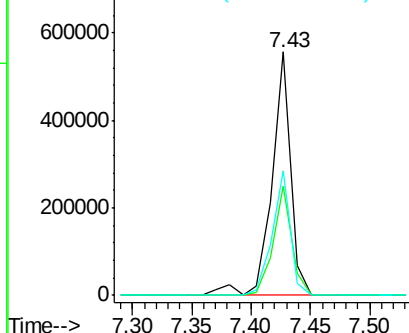
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.9	53.9
54	51.1	40.9	61.3

Manual Integrations
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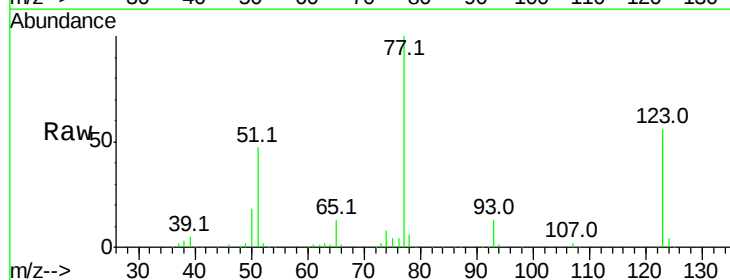


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

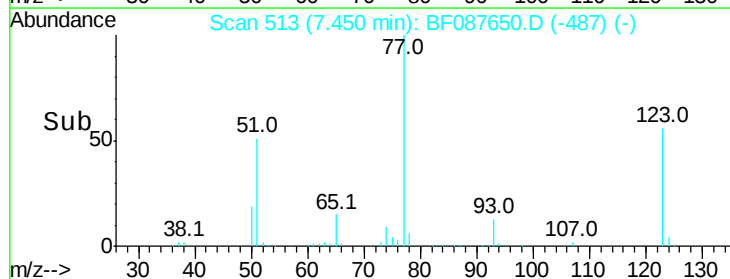
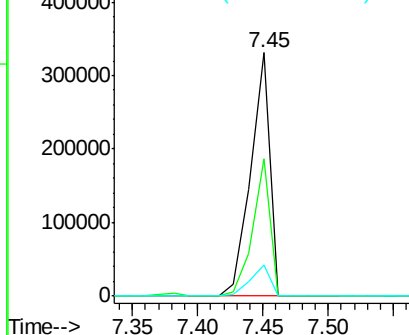


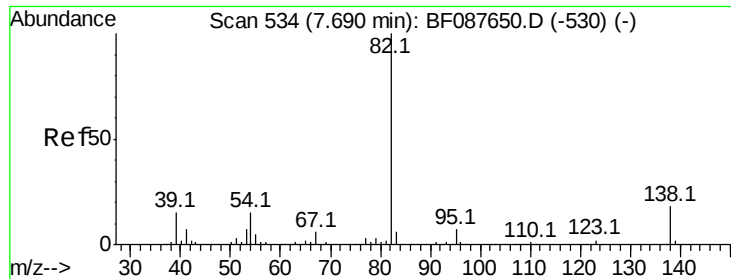
#24
 Nitrobenzene
 Concen: 36.31 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.2	45.0	67.4
65	12.7	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.61 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

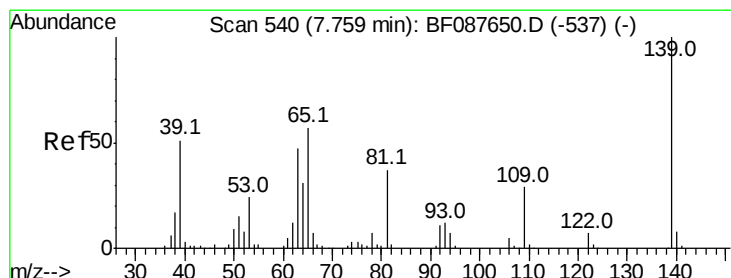
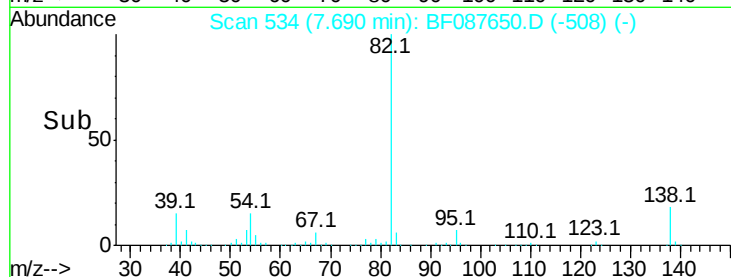
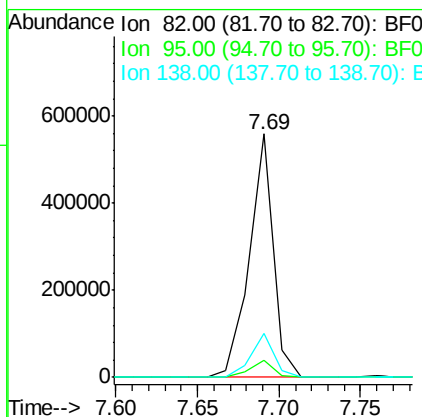
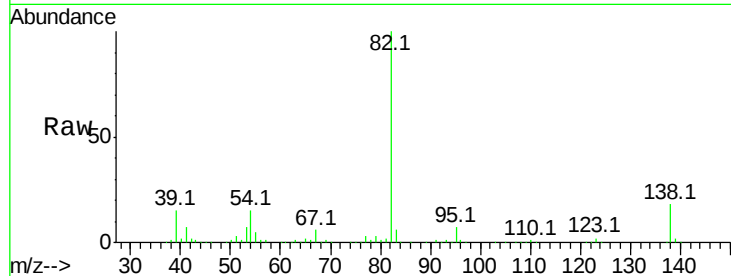
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	568317
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	18.2	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.01 ng

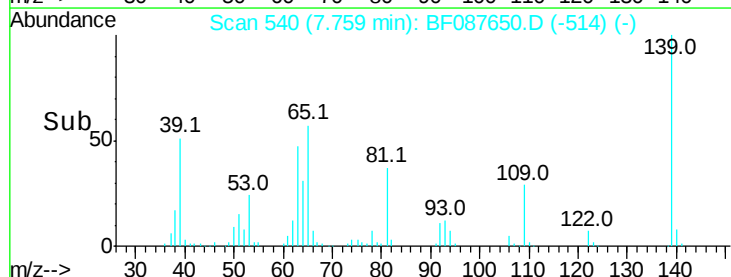
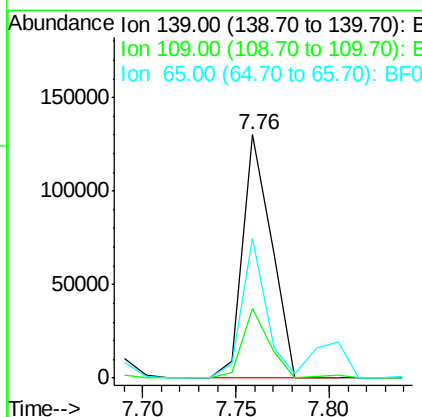
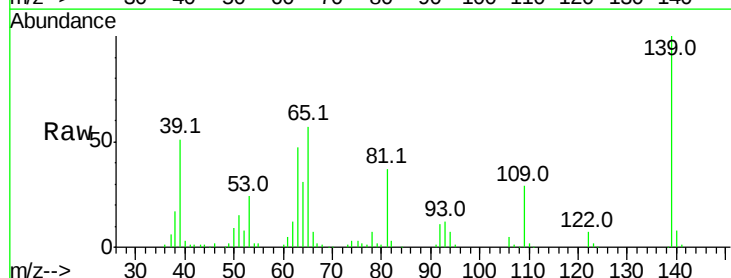
RT: 7.76 min Scan# 540

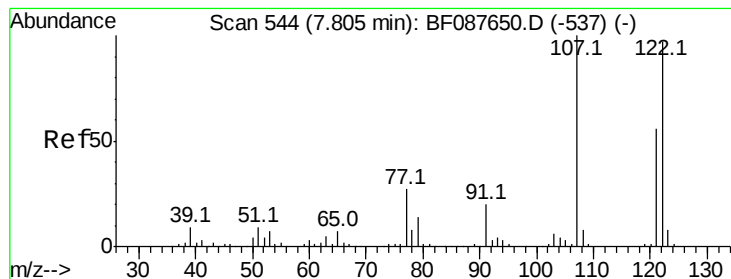
Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion:	139	Resp:	141384
Ion Ratio	Lower	Upper	
139	100		
109	28.7	23.0	34.4
65	57.3	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 45.28 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

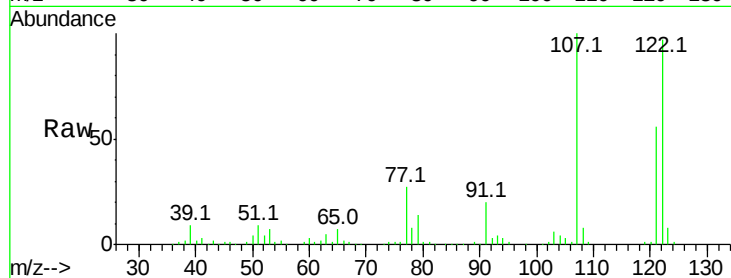
ClientSampleId :

SSTDICCC040

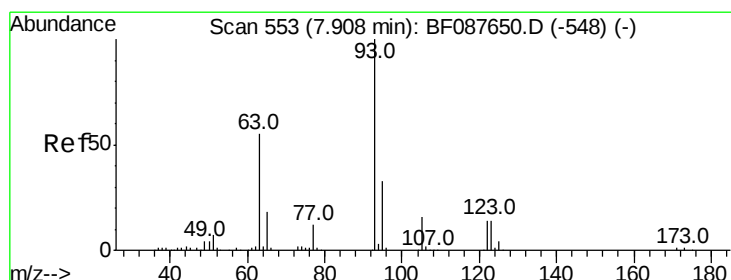
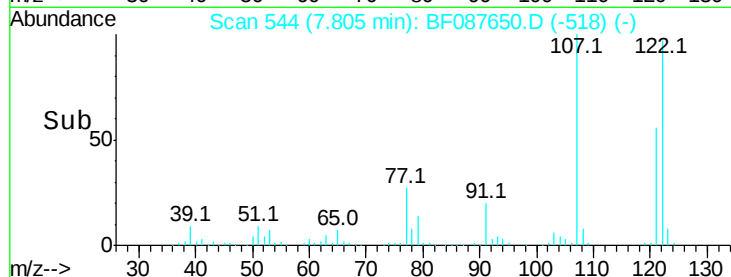
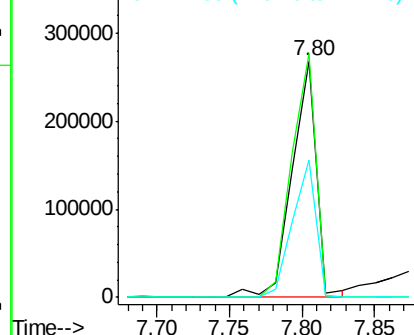
Tot Ion:	122	Resp:	313464
Ion Ratio	Lower	Upper	
122	100		
107	103.0	82.4	123.6
121	57.9	46.3	69.5

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.55 ng

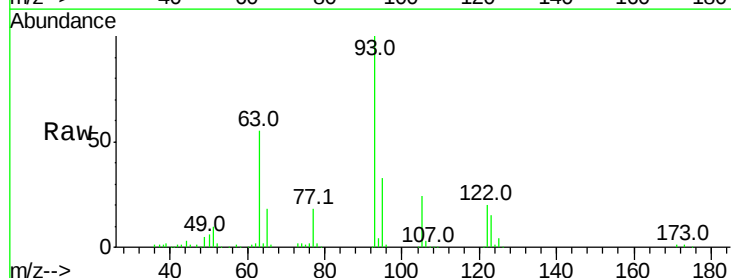
RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

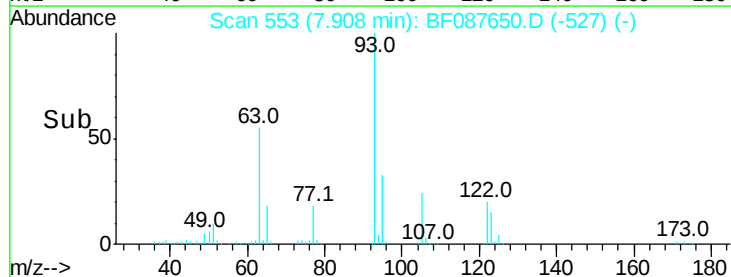
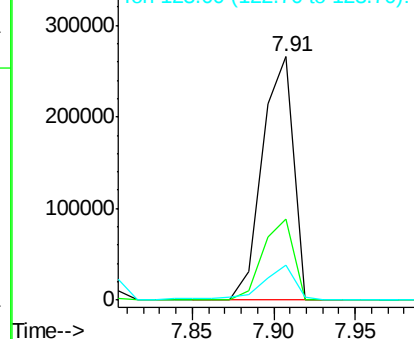
Lab File: BF087650.D

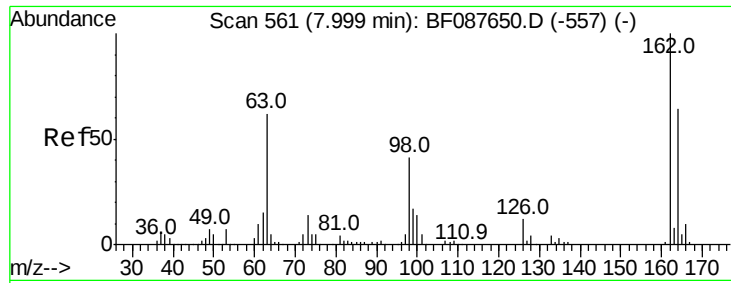
Acq: 4 Jun 2016 4:20

Tgt Ion:	93	Resp:	351906
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	14.5	11.6	17.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





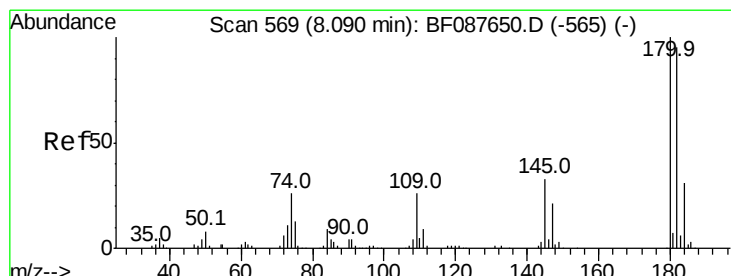
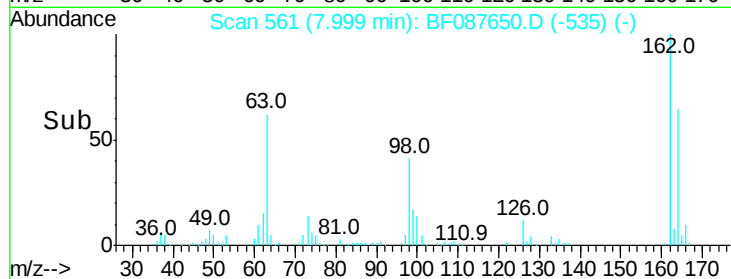
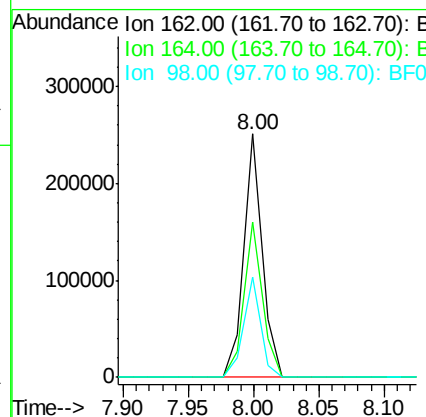
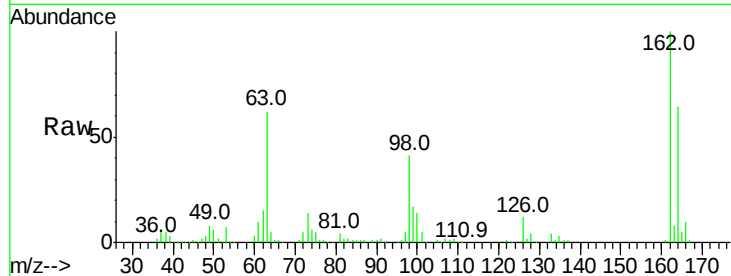
#29
 2,4-Dichlorophenol
 Concen: 40.20 ng
 RT: 8.00 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		244486		
164	63.8	43.8	83.8		
98	41.3	21.3	61.3		

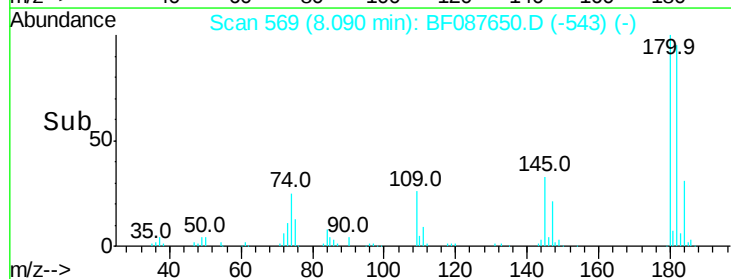
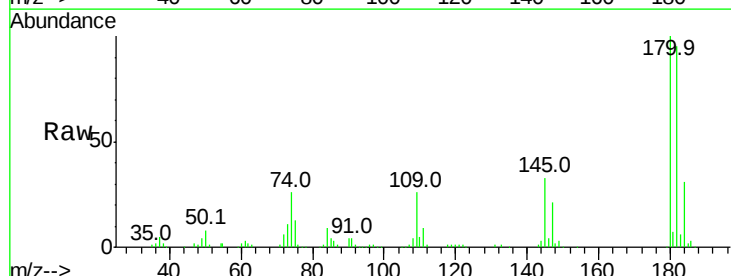
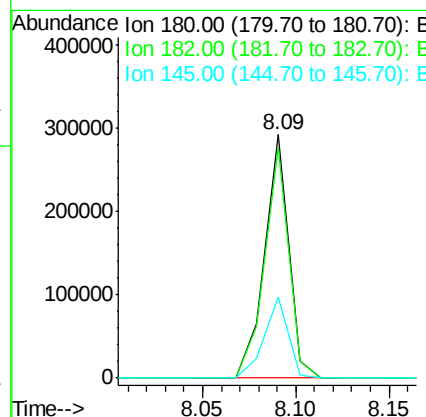
Manual Integrations
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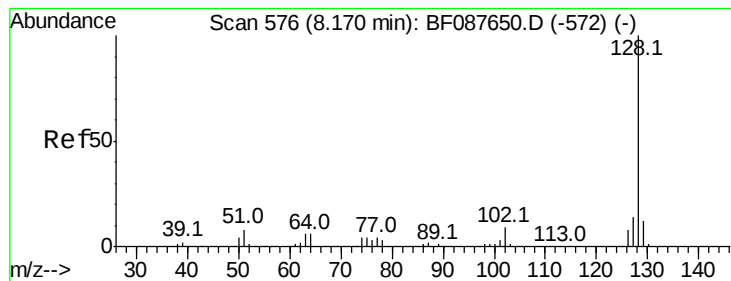
SOHIL
 6/6/2016 7:17:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.51 ng
 RT: 8.09 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		260210		
182	95.0	76.0	114.0		
145	33.1	26.5	39.7		





#31

Naphthalene

Concen: 38.47 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

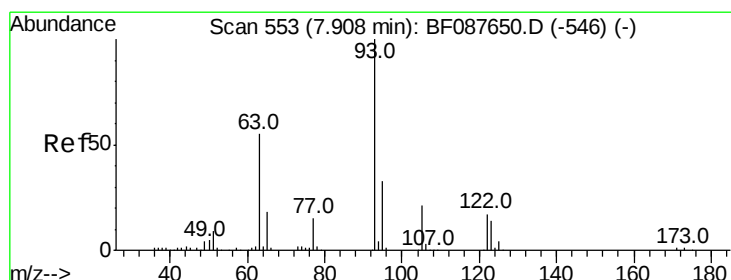
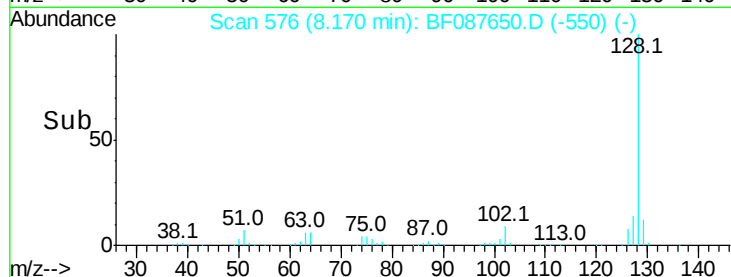
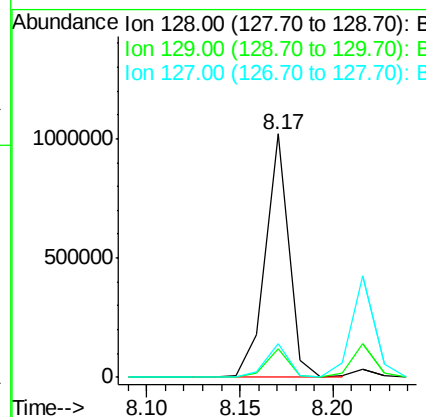
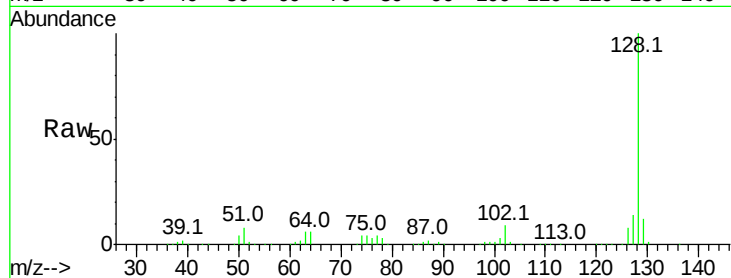
ClientSampleId :

SSTDICCC040

Tot Ion:	128	Resp:	878602
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.4	14.2
127	13.6	10.9	16.3

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#32

Benzoic acid

Concen: 57.44 ng

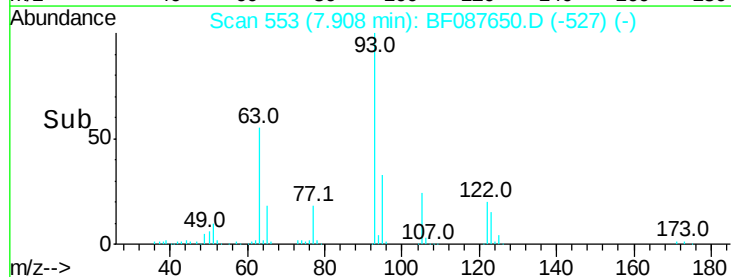
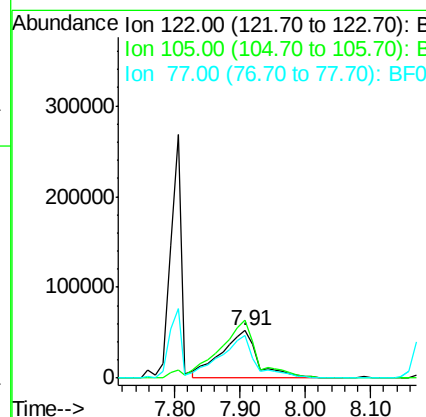
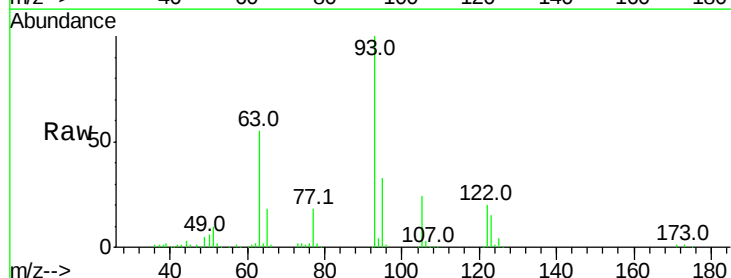
RT: 7.91 min Scan# 553

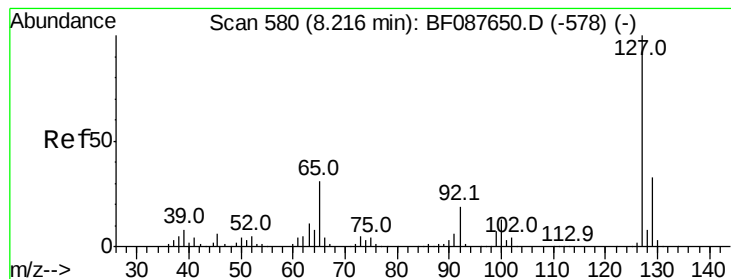
Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion:	122	Resp:	202507
Ion Ratio	Lower	Upper	
122	100		
105	121.6	101.6	141.6
77	90.6	70.6	110.6





#33

4-Chloroaniline

Concen: 43.72 ng

RT: 8.22 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

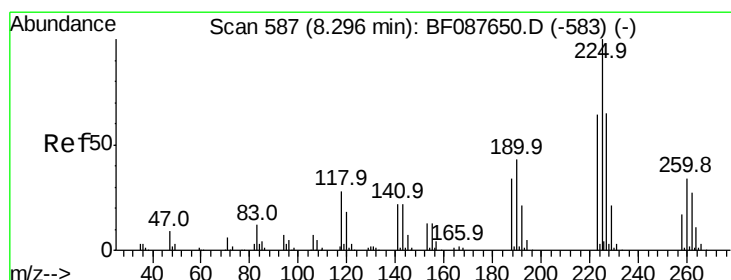
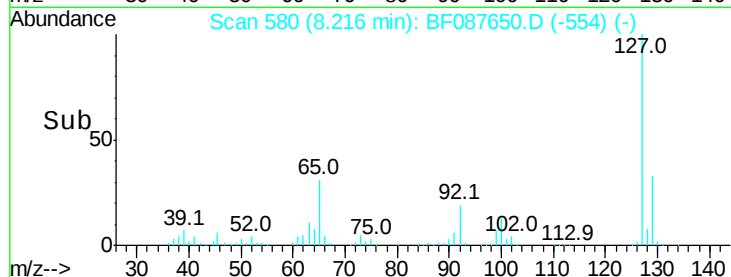
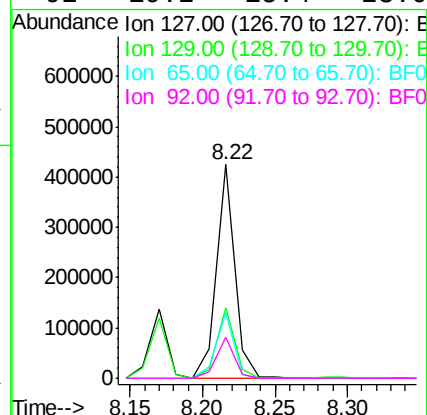
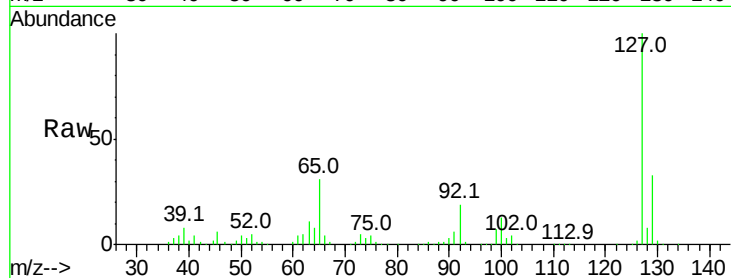
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		372949		
129	32.9	26.3	39.5		
65	30.9	24.7	37.1		
92	19.2	15.4	23.0		

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 33.59 ng

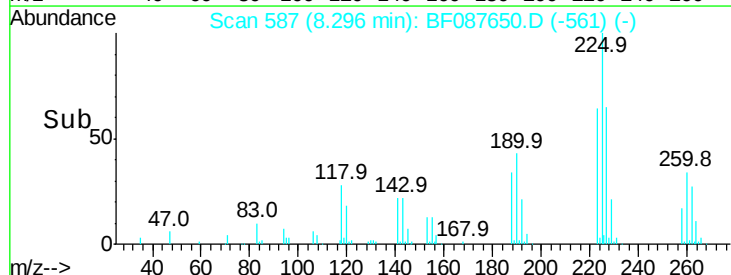
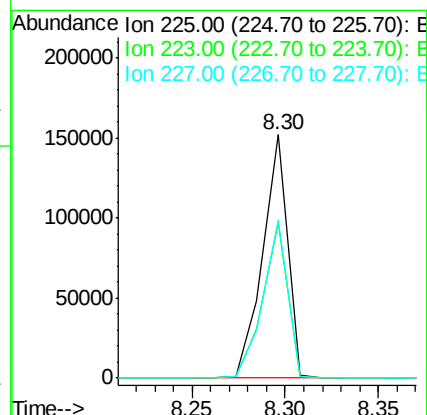
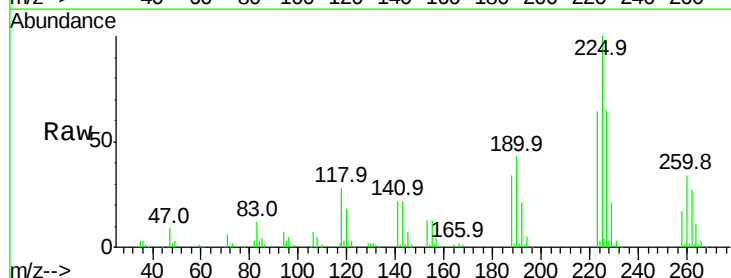
RT: 8.30 min Scan# 587

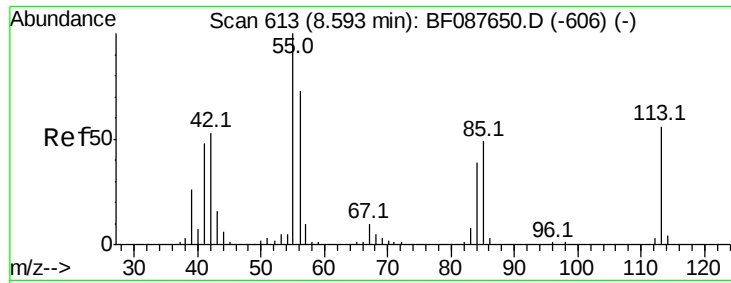
Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		139348		
223	63.6	50.9	76.3		
227	64.9	51.9	77.9		





#35

Caprolactam

Concen: 44.93 ng

RT: 8.59 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion:113 Resp: 81463

Ion Ratio Lower Upper

113 100

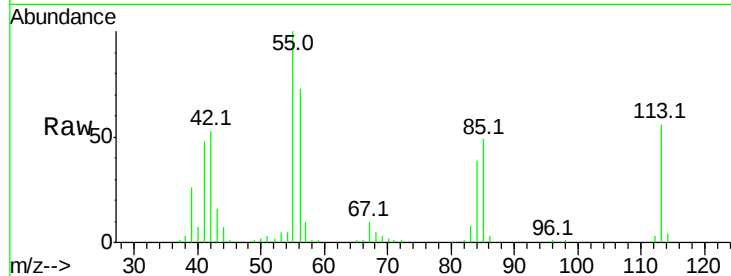
55 178.6 158.6 198.6

56 130.6 110.6 150.6

Manual Integrations
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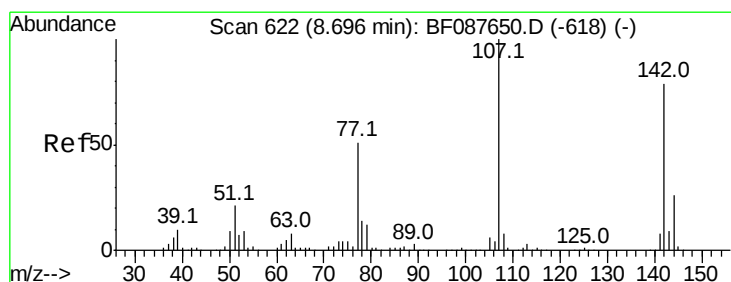
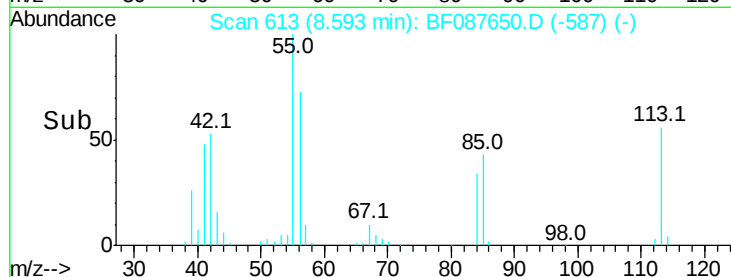
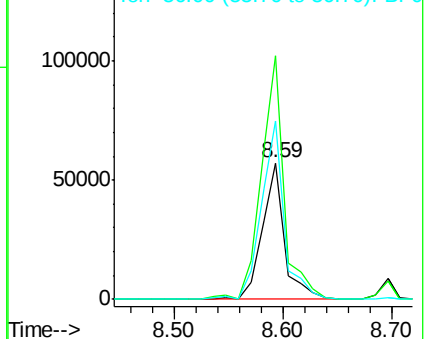
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.30 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

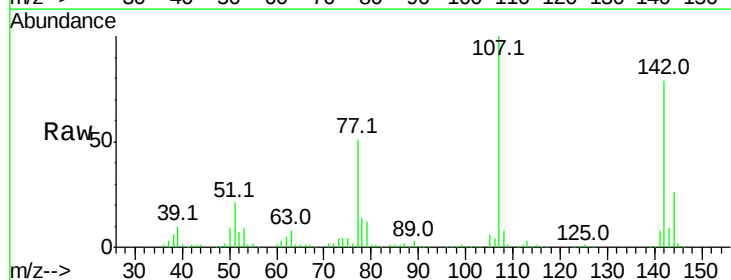
Tgt Ion:107 Resp: 268828

Ion Ratio Lower Upper

107 100

144 26.0 20.8 31.2

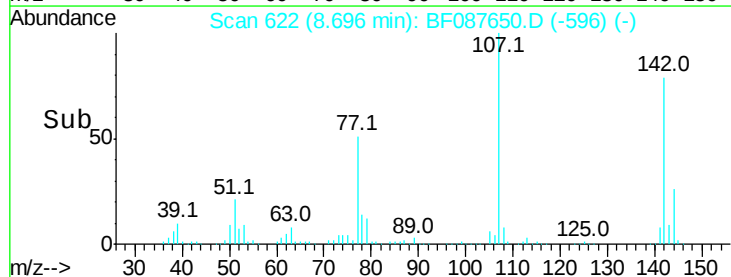
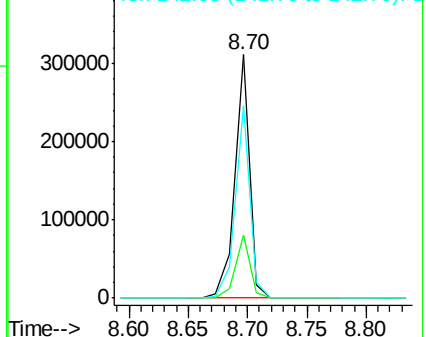
142 79.3 63.4 95.2

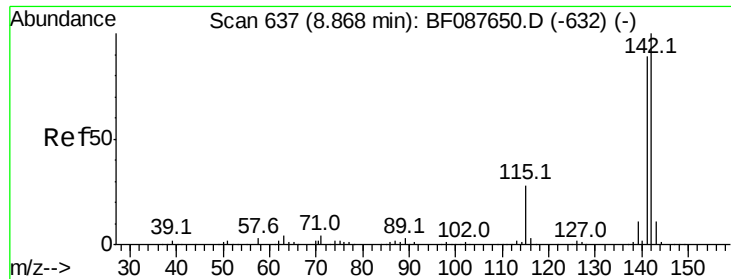


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





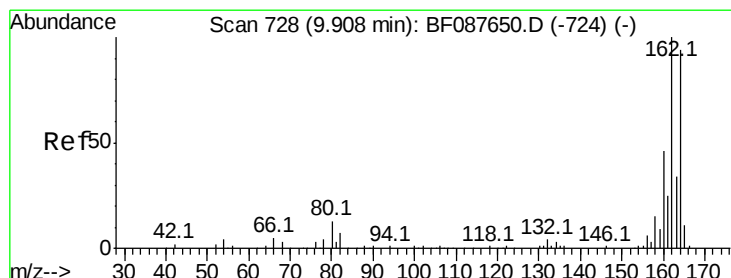
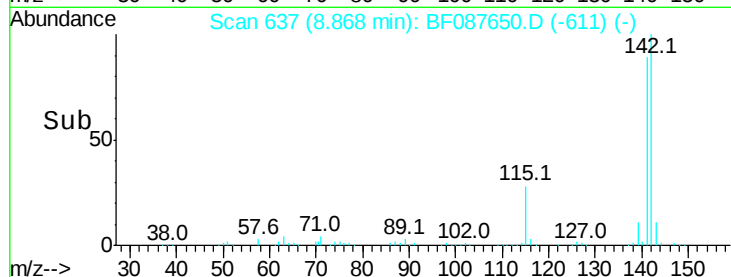
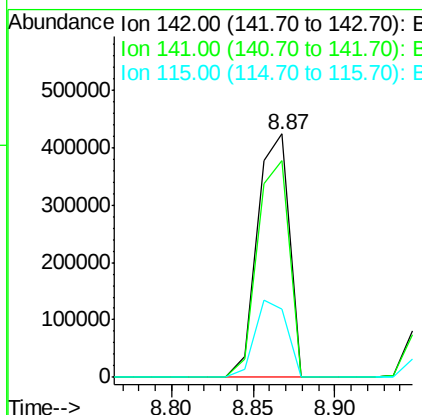
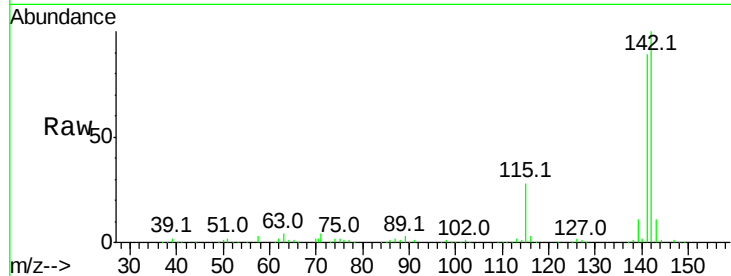
#37
 2-Methylnaphthalene
 Concen: 40.16 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	28.2	22.6	33.8

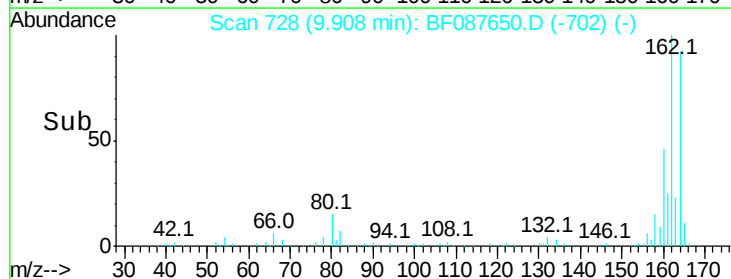
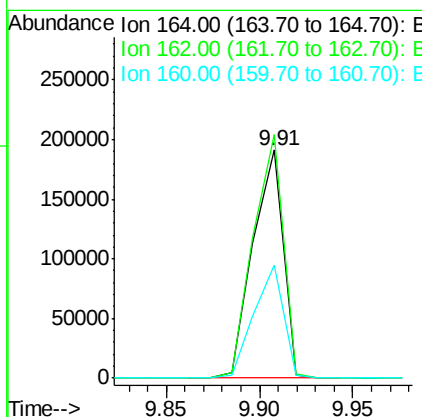
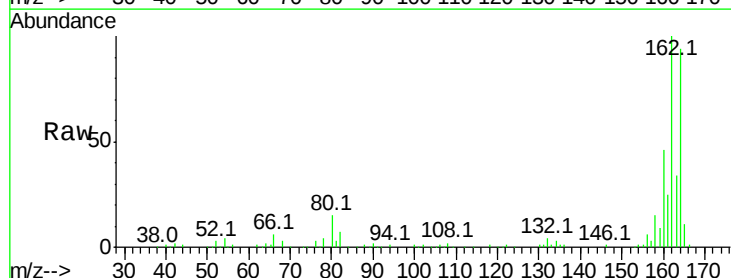
Manual Integrations
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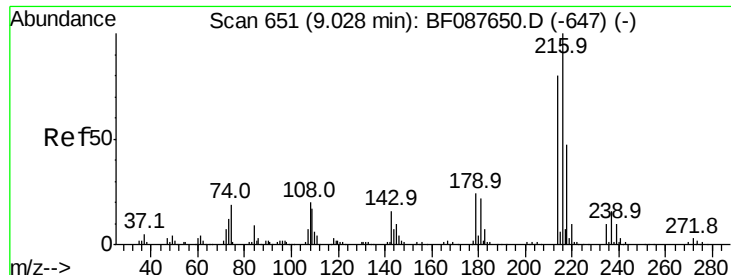
SOHIL
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.4	128.2
160	49.4	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.41 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 237060
Ion Ratio Lower Upper

216 100

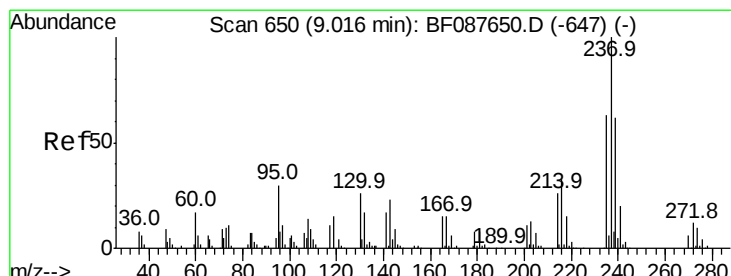
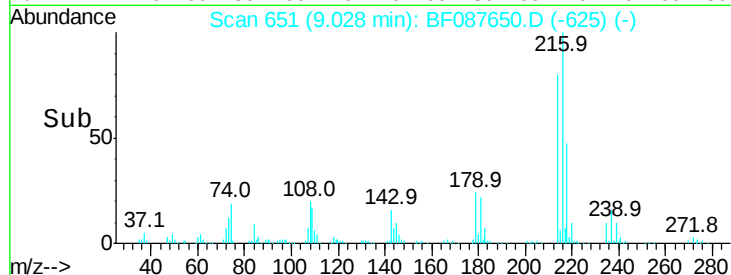
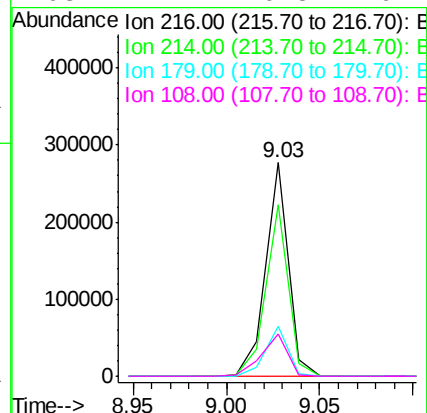
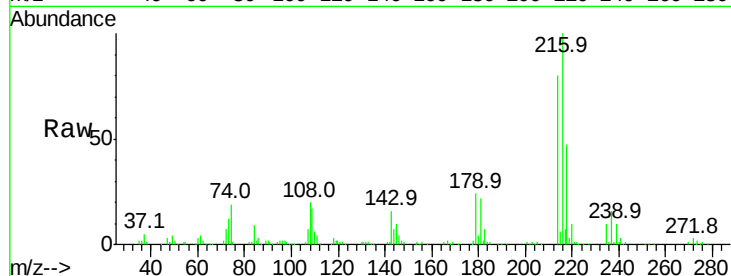
214 79.7 2.9 4.3#

179 23.3 0.0 0.0#

108 22.4 0.5 0.7#

Manual Integrations
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SOHIL
6/6/2016 7:17:55 PM



#40

Hexachlorocyclopentadiene

Concen: 57.21 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF087650.D

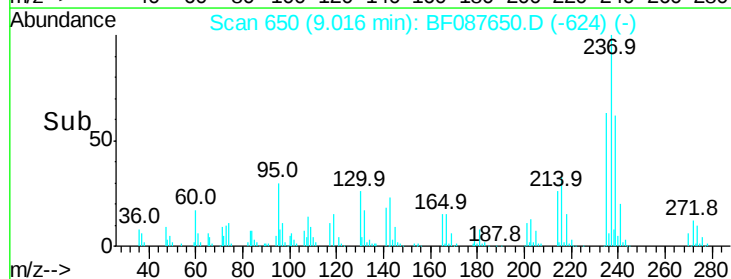
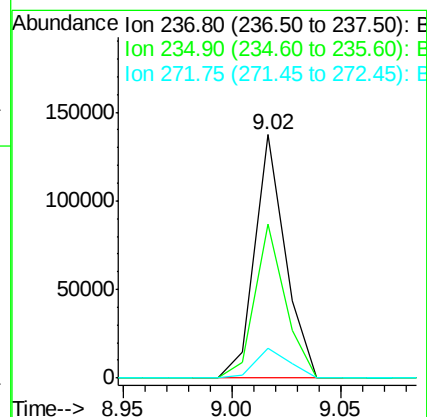
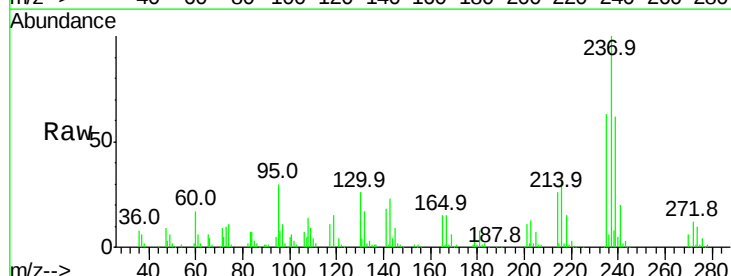
Acq: 4 Jun 2016 4:20

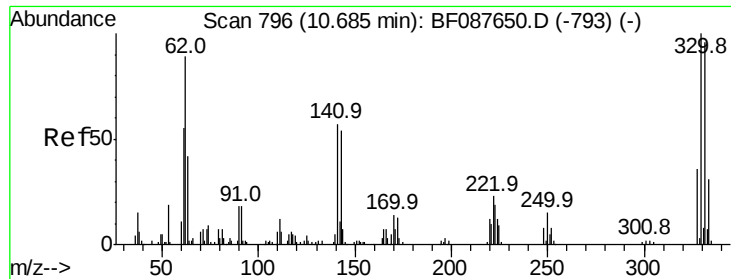
Tgt Ion:237 Resp: 133830
Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

272 12.3 0.0 32.3





#41

2,4,6-Tribromophenol

Concen: 80.58 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:330 Resp: 164175
Ion Ratio Lower Upper

330 100

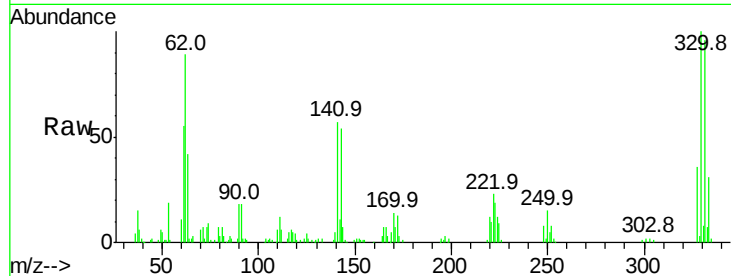
332 96.9 0.0 0.0#

141 36.6 0.0 0.0#

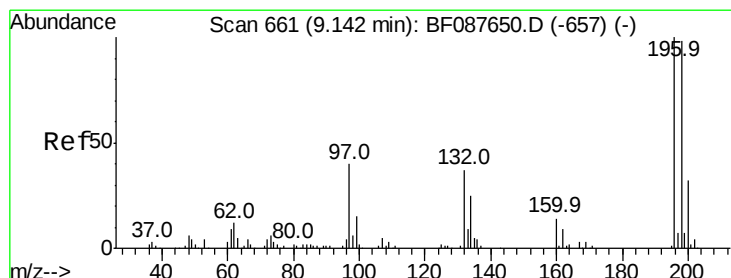
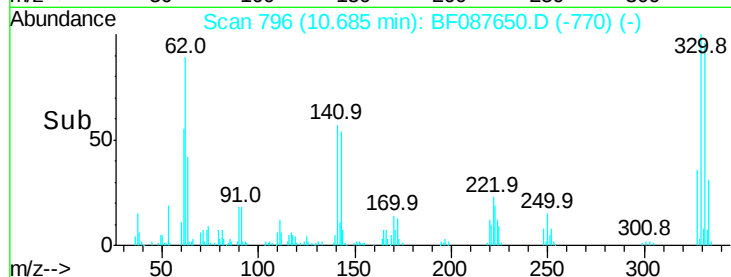
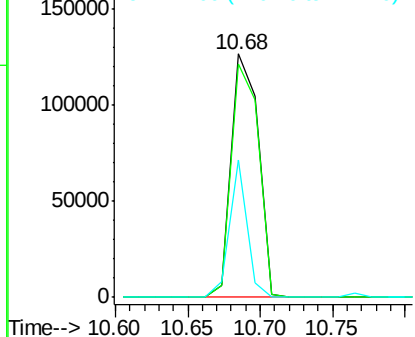
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.61 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF087650.D

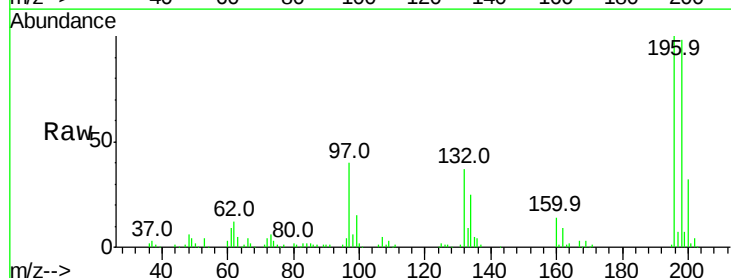
Acq: 4 Jun 2016 4:20

Tgt Ion:196 Resp: 177660
Ion Ratio Lower Upper

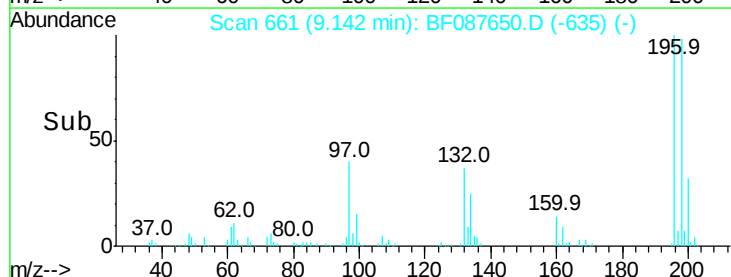
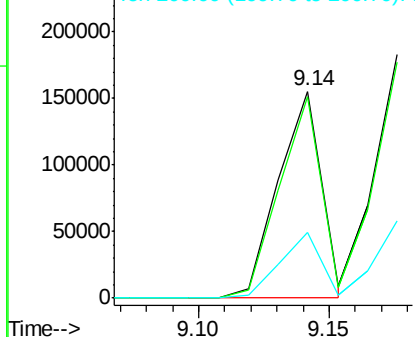
196 100

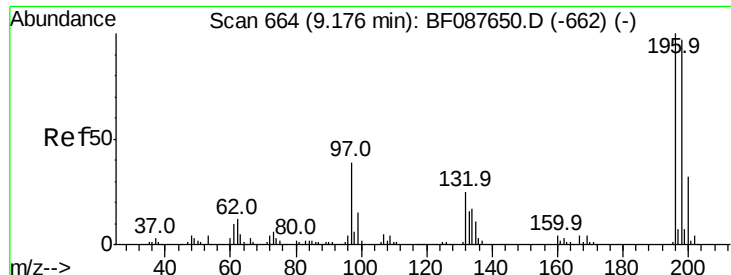
198 97.5 78.0 117.0

200 31.8 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





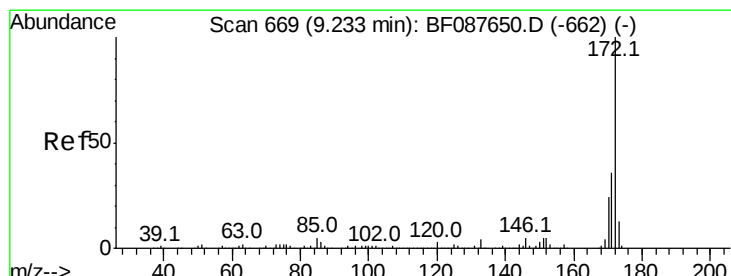
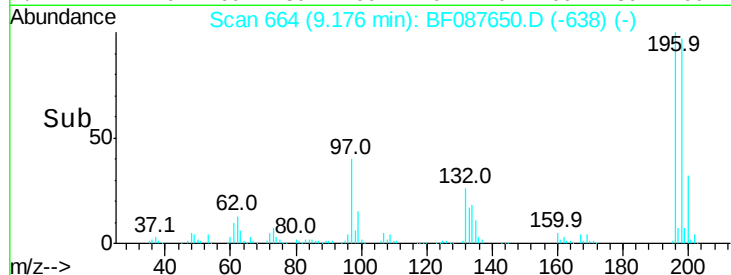
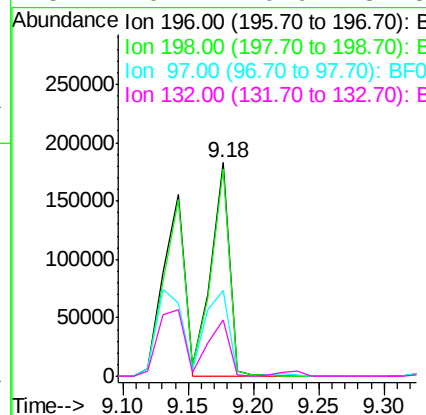
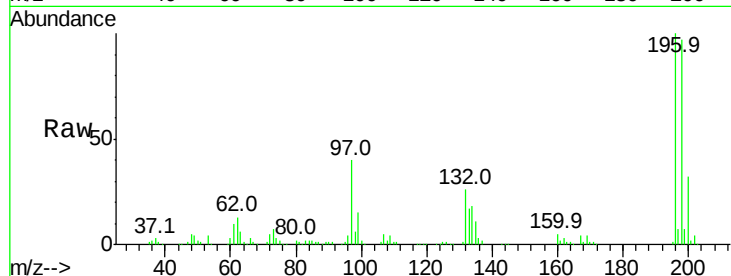
#43
 2,4,5-Trichlorophenol
 Concen: 43.95 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	196	Resp	178454
Ion Ratio	Lower	Upper	
196	100		
198	96.9	77.5	116.3
97	40.0	32.0	48.0
132	26.1	20.9	31.3

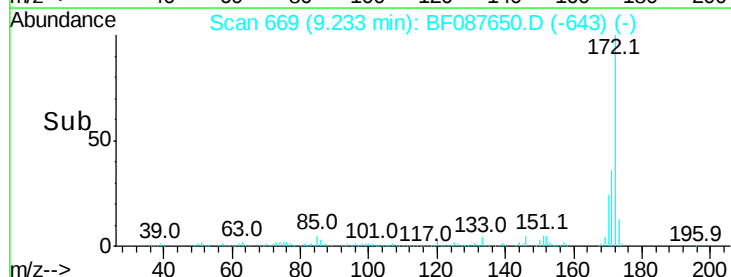
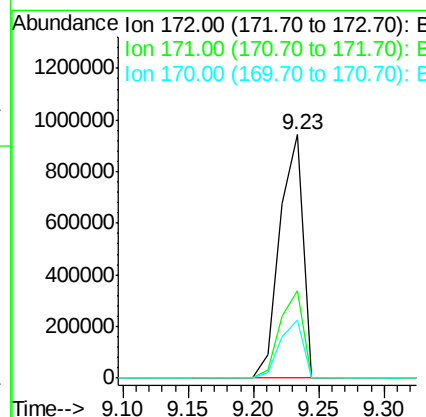
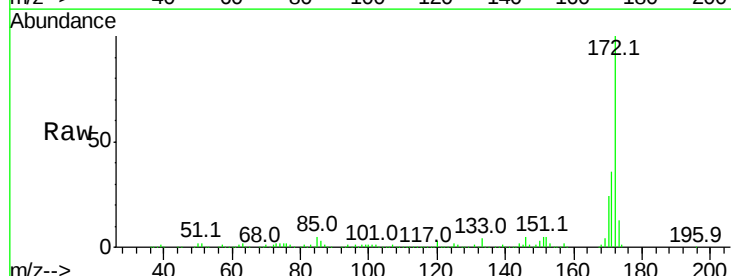
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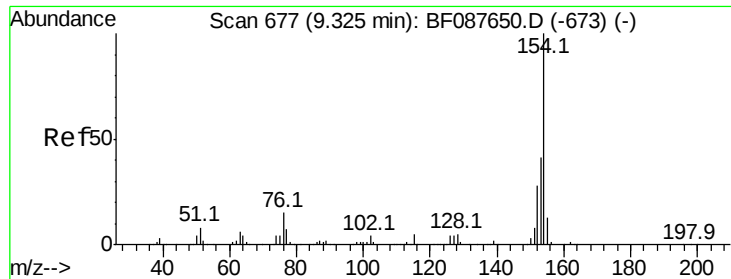
SOHIL
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#44
 2-Fluorobiphenyl
 Concen: 77.82 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Tgt Ion	172	Resp	1174916
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	43.0
170	24.0	19.2	28.8





#45

1,1'-Biphenyl

Concen: 36.40 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

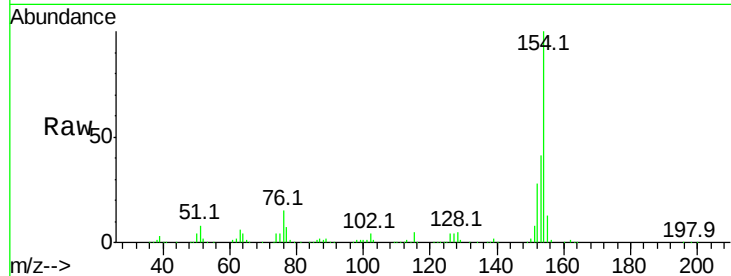
ClientSampleId :

SSTDICCC040

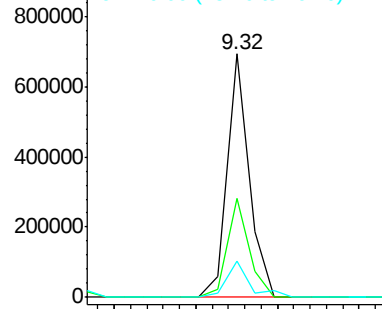
Tot Ion:	154	Resp:	647074
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	15.1	0.0	35.1

Manual Integrations
APPROVED

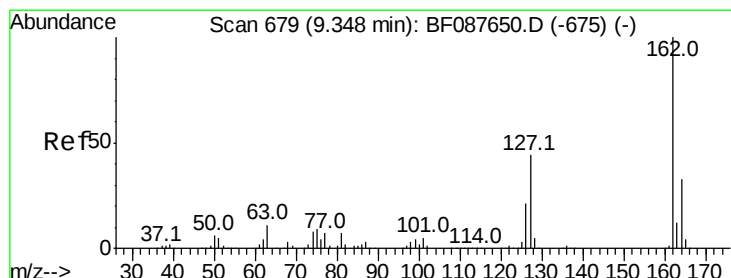
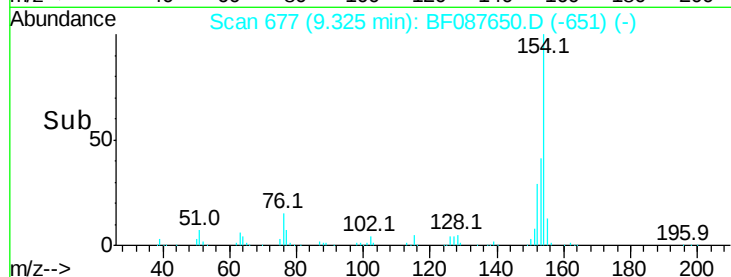
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 37.15 ng

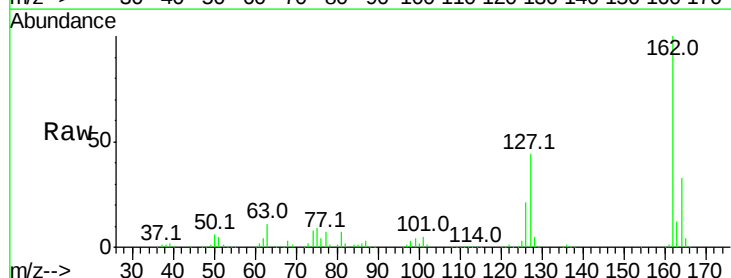
RT: 9.35 min Scan# 679

Delta R.T. 0.00 min

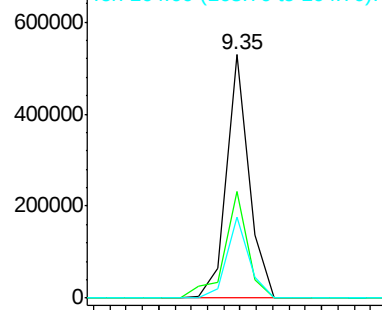
Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

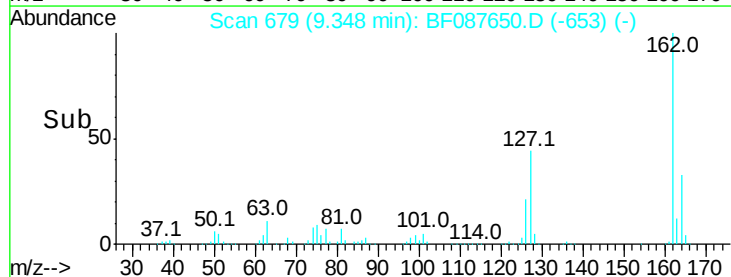
Tgt Ion:	162	Resp:	504755
Ion Ratio	Lower	Upper	
162	100		
127	44.0	35.2	52.8
164	33.2	26.6	39.8

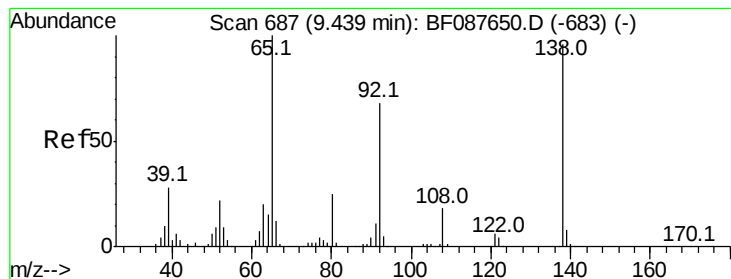


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 31.10 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 65 Resp: 147321

Ion Ratio Lower Upper

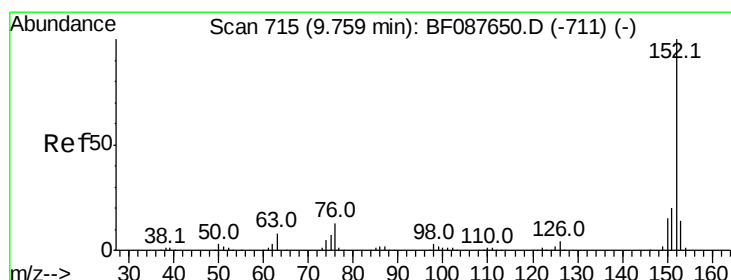
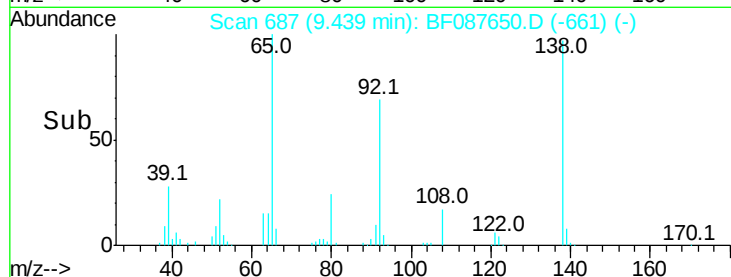
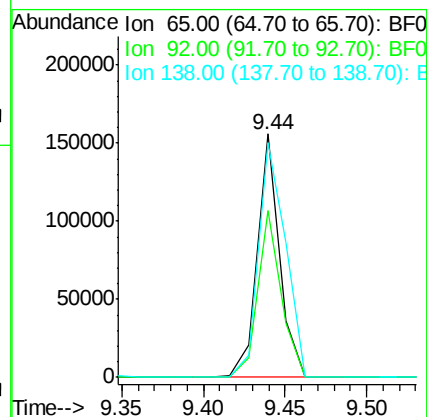
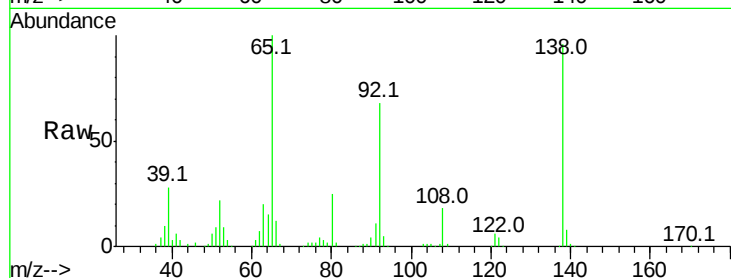
65 100

92 68.3 54.6 82.0

138 96.2 77.0 115.4

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#48

Acenaphthylene

Concen: 39.18 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

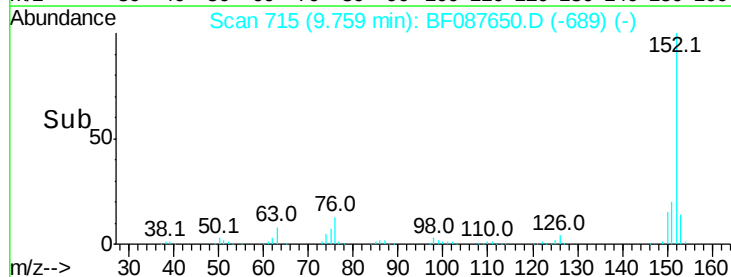
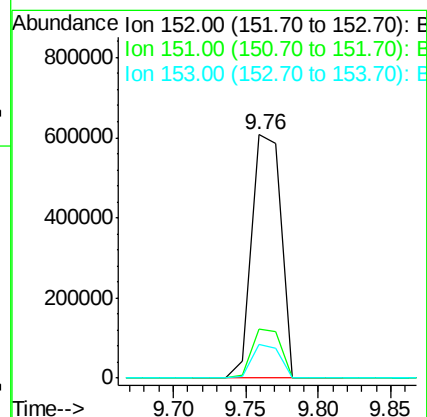
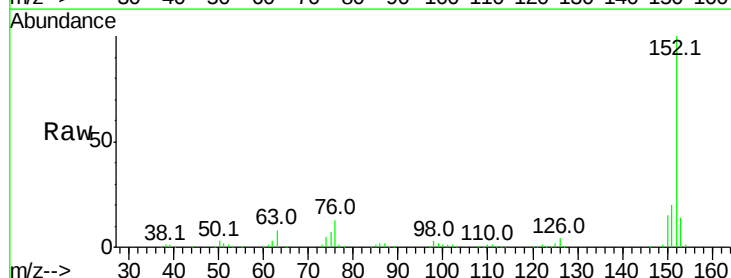
Tgt Ion: 152 Resp: 850119

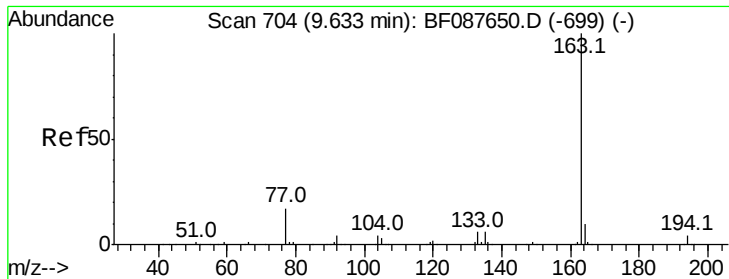
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.8 11.0 16.6





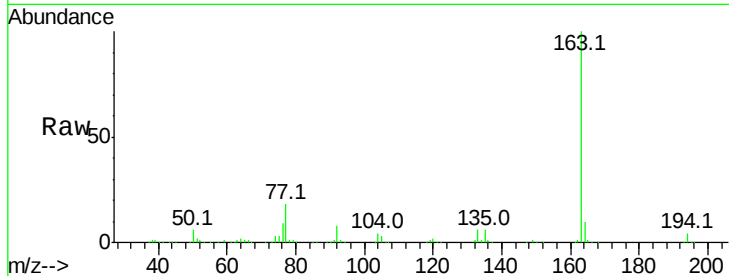
#49
Dimethylphthalate
Concen: 38.67 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

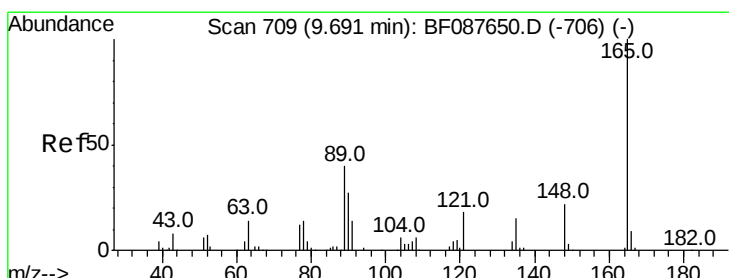
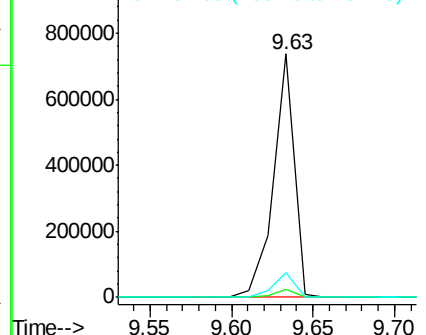
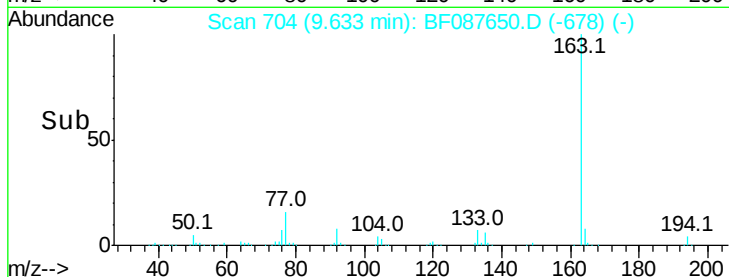
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.8	4.2	
164	10.4	8.3	12.5	

Manual Integrations
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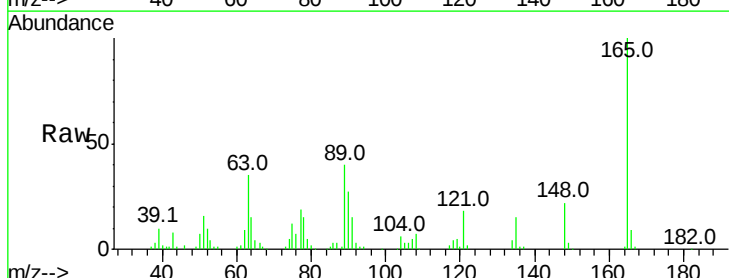


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

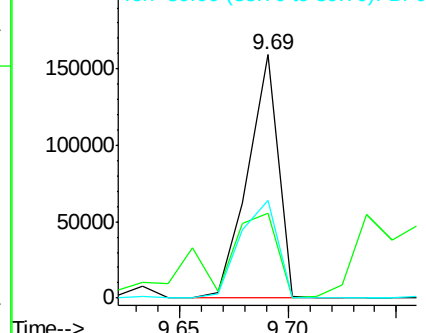
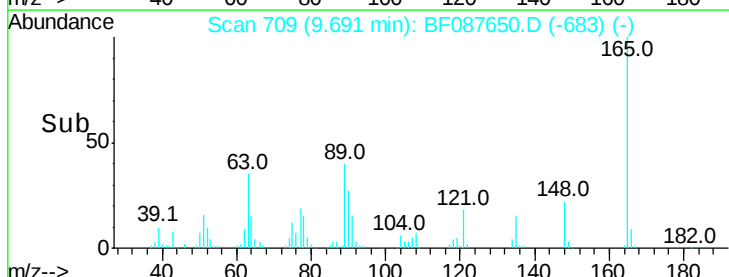


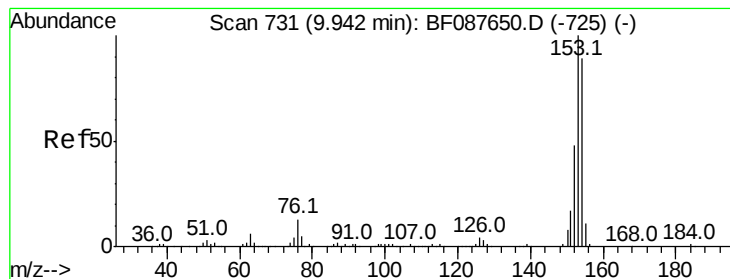
#50
2,6-Dinitrotoluene
Concen: 44.33 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.1	28.1	42.1	
89	40.2	32.2	48.2	



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





#51

Acenaphthene

Concen: 40.87 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 551569

Ion Ratio Lower Upper

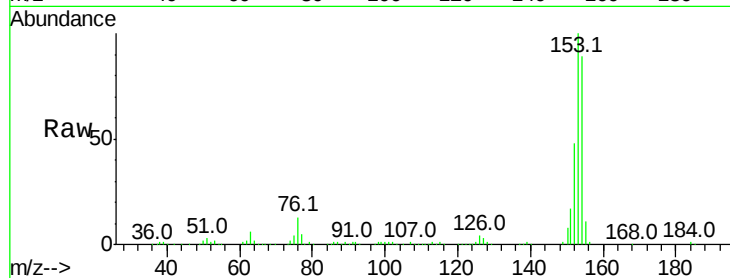
154 100

153 111.9 89.5 134.3

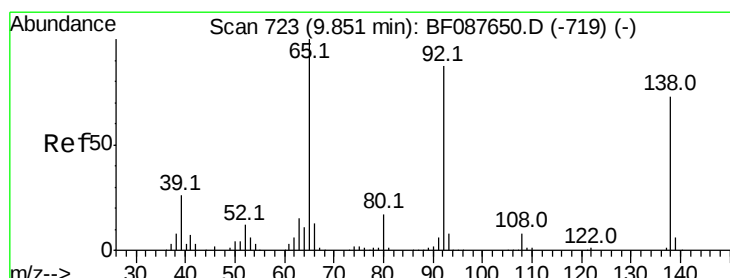
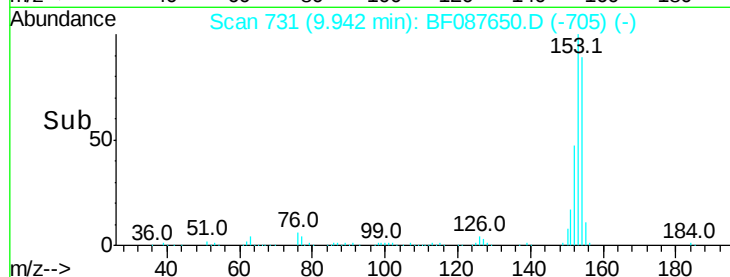
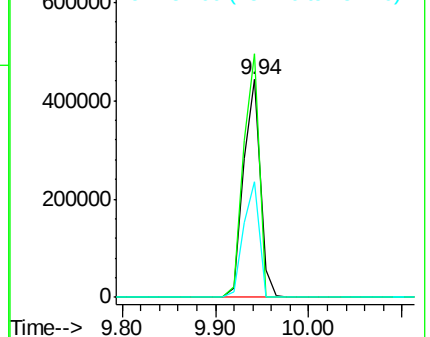
152 53.4 42.7 64.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.04 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

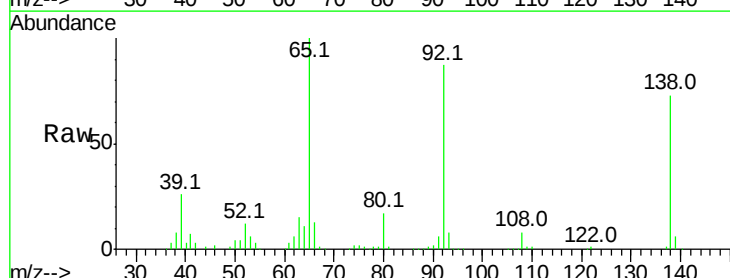
Tgt Ion:138 Resp: 144972

Ion Ratio Lower Upper

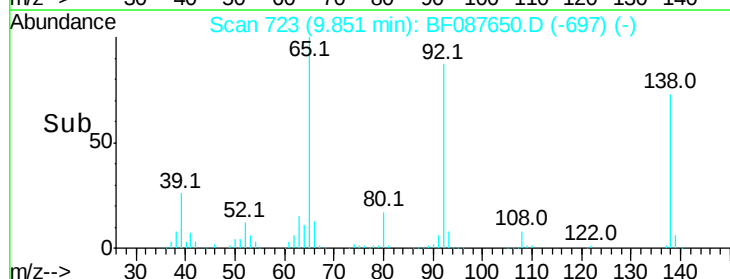
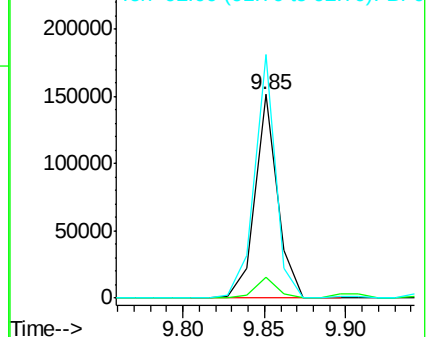
138 100

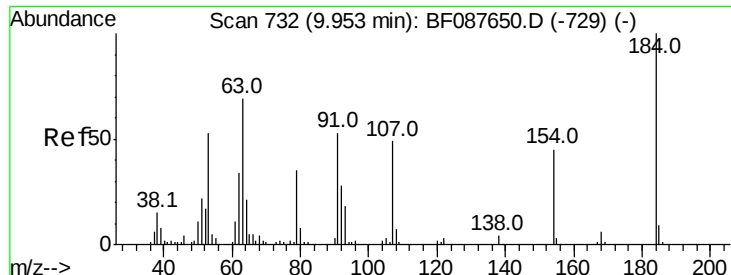
108 10.6 8.5 12.7

92 119.6 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





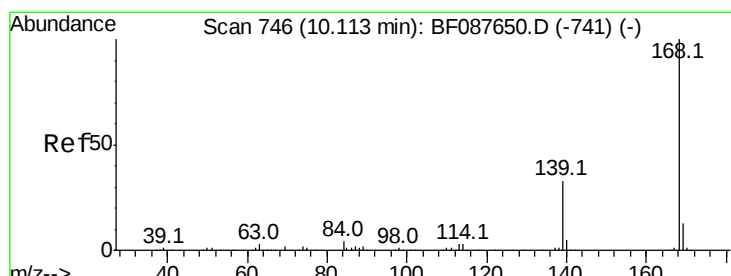
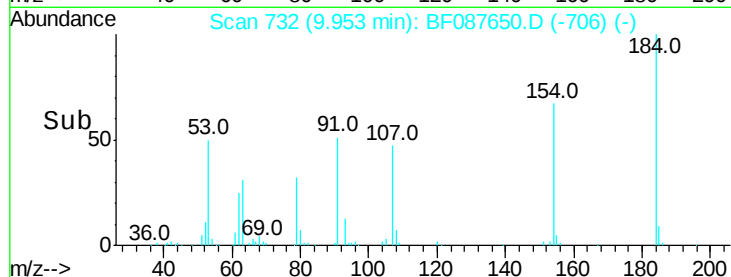
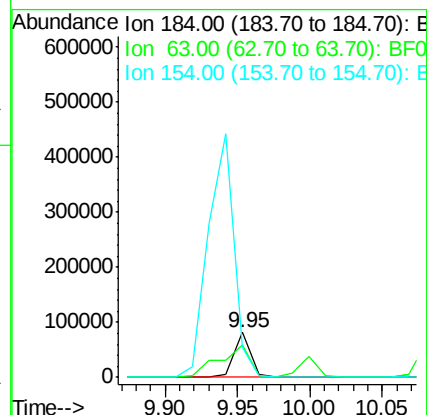
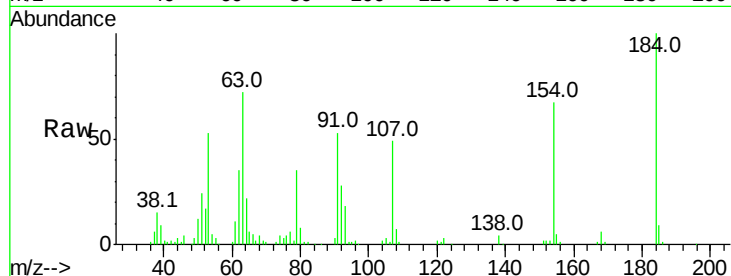
#53
2,4-Dinitrophenol
Concen: 44.59 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	65014		
63	72.0	57.6	86.4	
154	66.9	53.5	80.3	

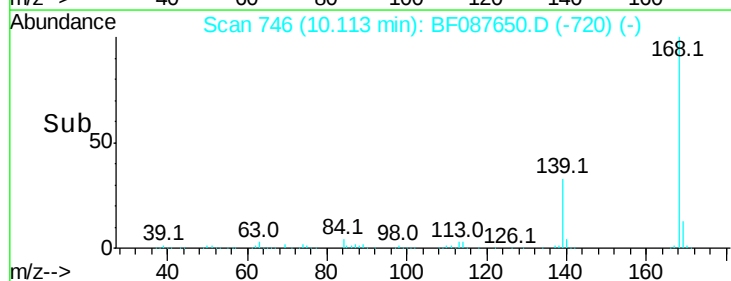
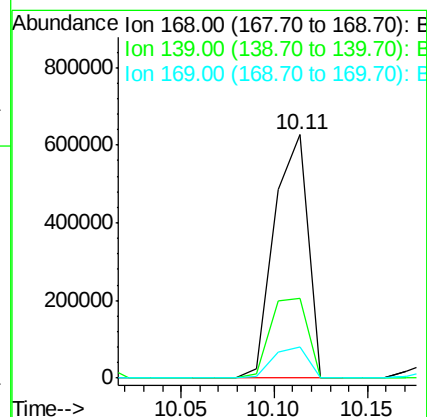
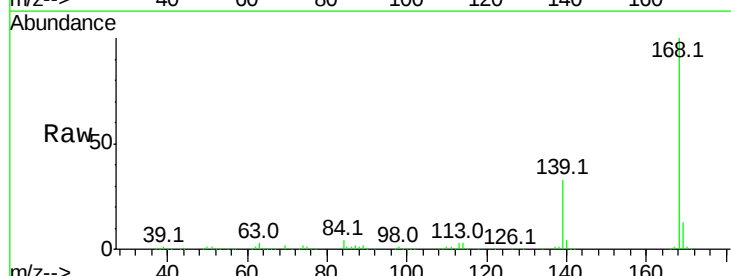
Manual Integrations
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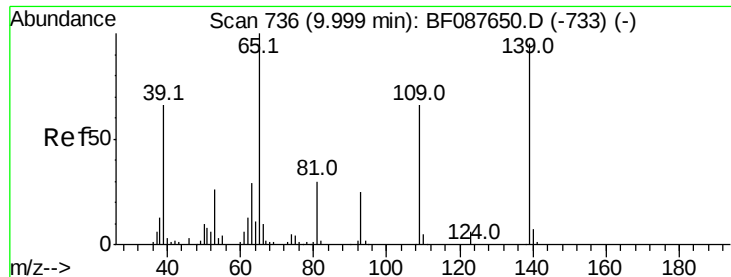
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#54
Dibenzofuran
Concen: 42.57 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	781571		
139	33.0	26.4	39.6	
169	13.0	10.4	15.6	





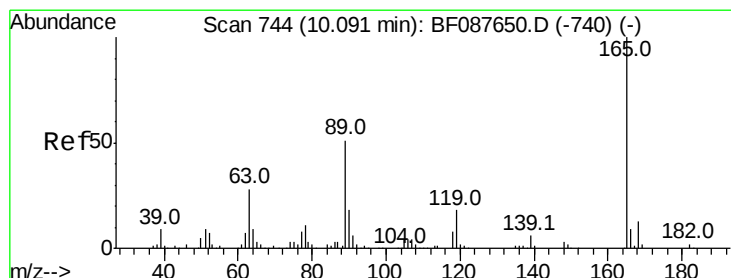
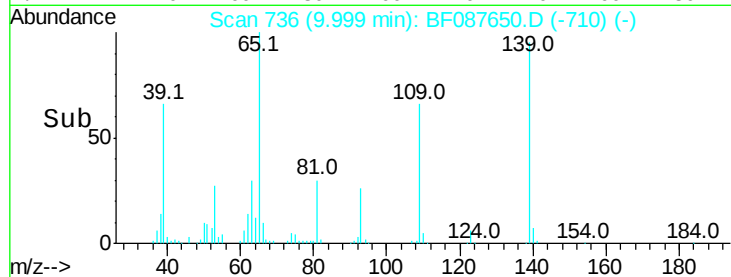
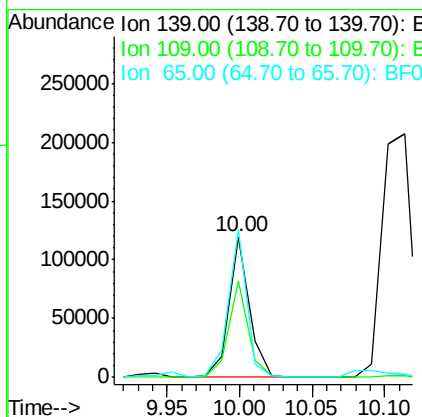
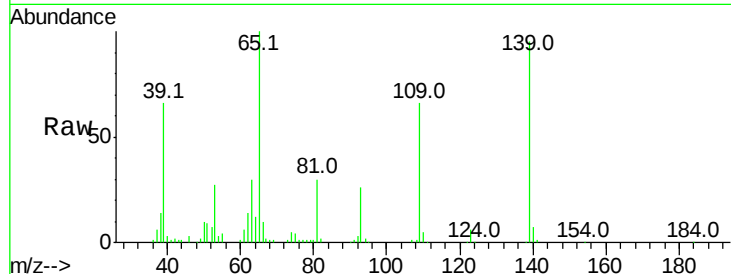
#55
4-Nitrophenol
Concen: 62.26 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.9	48.9	88.9	
65	104.9	84.9	124.9	

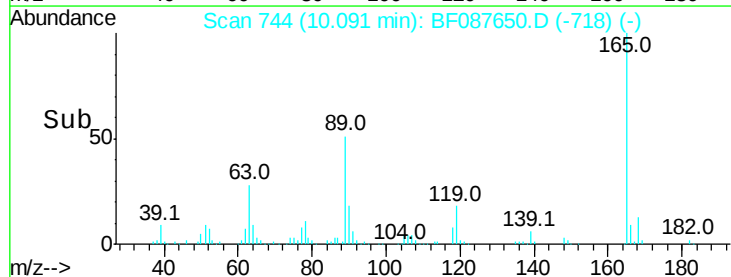
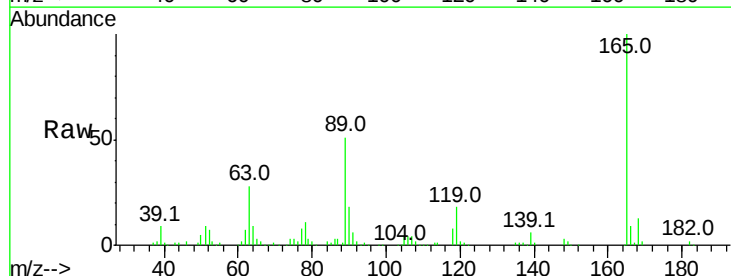
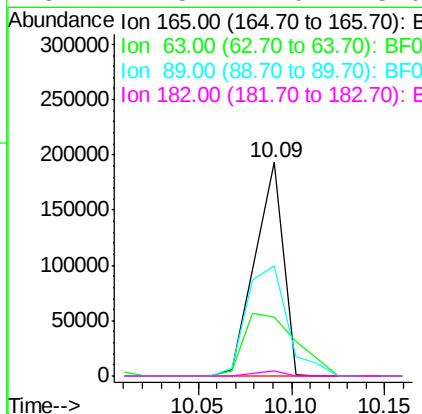
Manual Integrations
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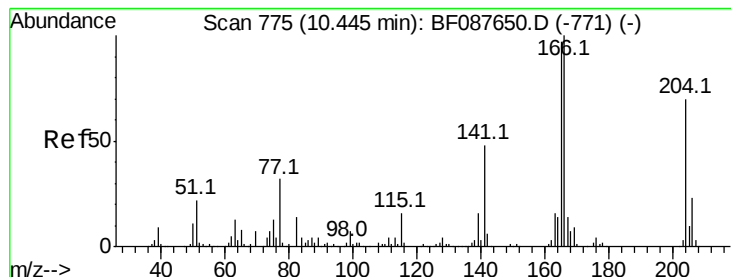
SOHIL
6/6/2016 7:17:55 PM



#56
2,4-Dinitrotoluene
Concen: 43.71 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	27.5	22.0	33.0	
89	51.4	41.1	61.7	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 34.77 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 534594

Ion Ratio Lower Upper

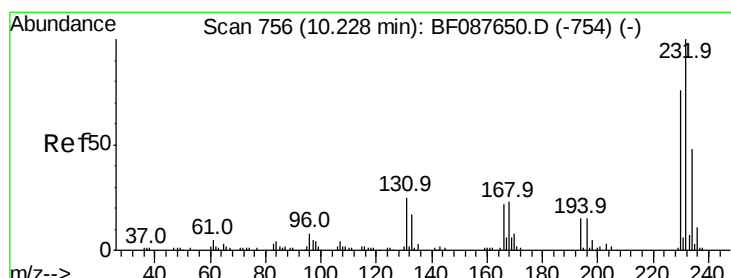
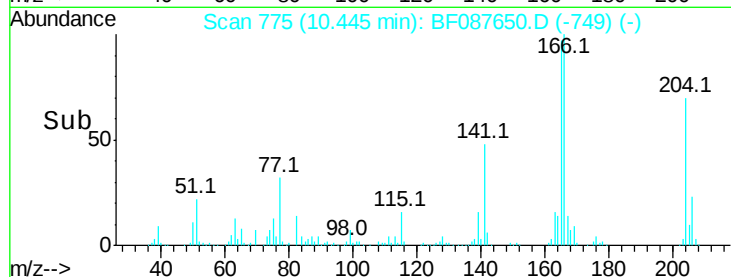
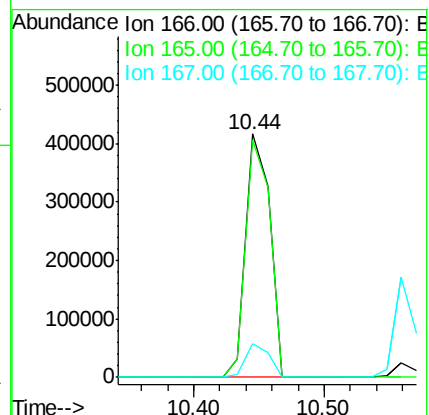
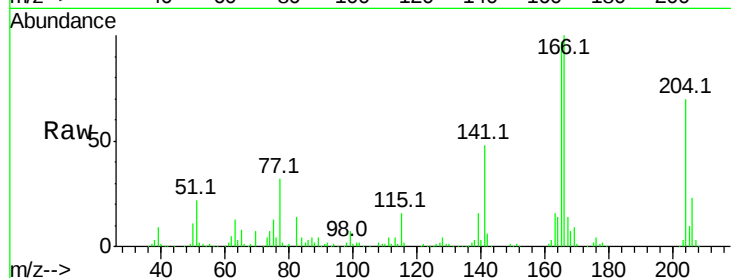
166 100

165 97.3 77.8 116.8

167 14.0 11.2 16.8

Manual Integrations
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6/6/2016 7:17:55 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.14 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion:232 Resp: 137047

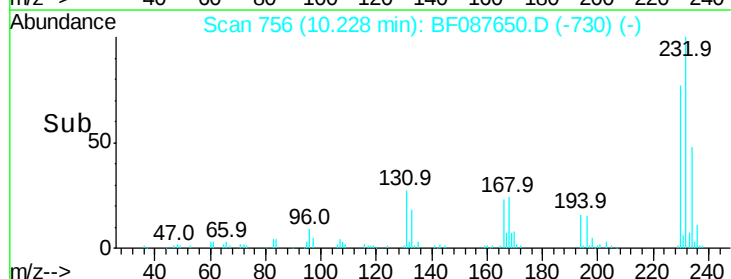
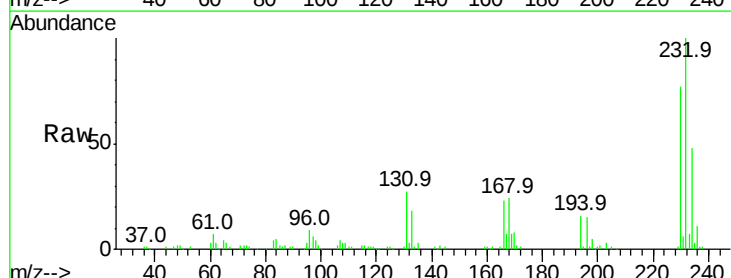
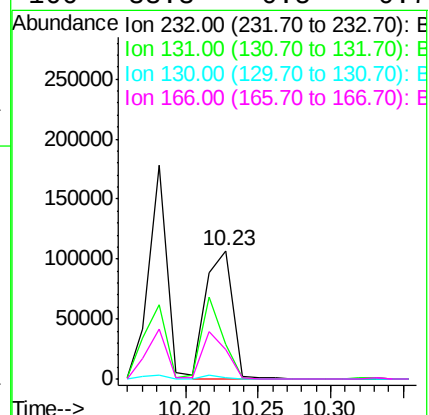
Ion Ratio Lower Upper

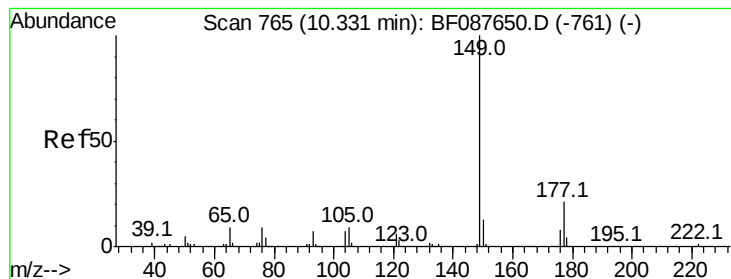
232 100

131 50.7 0.9 1.3#

130 2.5 1.5 2.3#

166 33.3 0.5 0.7#





#59

Diethylphthalate

Concen: 37.03 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 609195

Ion Ratio Lower Upper

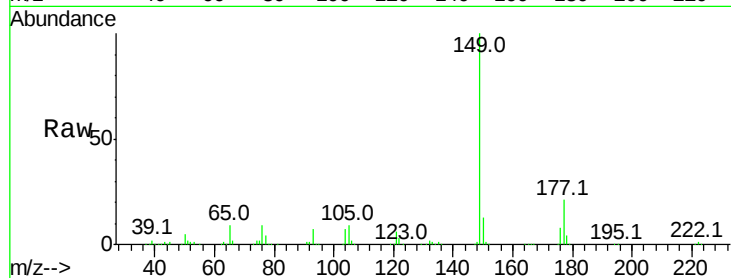
149 100

177 21.1 16.9 25.3

150 12.6 10.1 15.1

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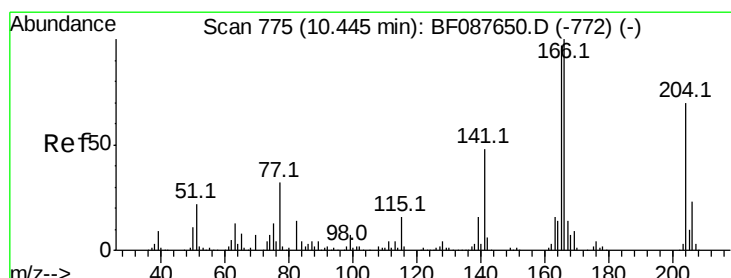
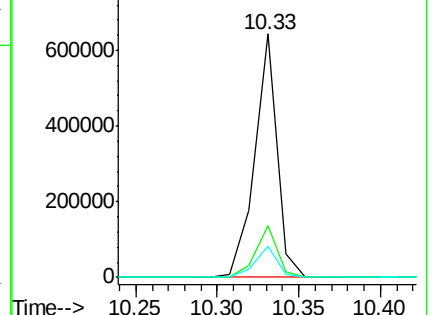
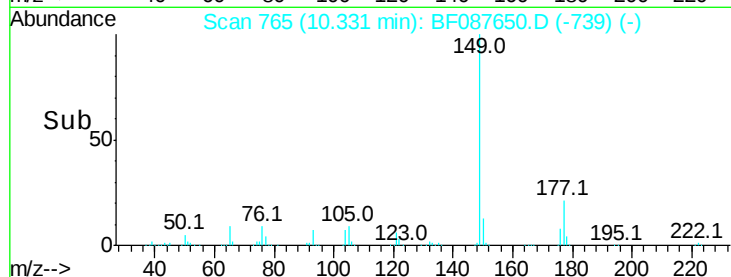
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.00 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

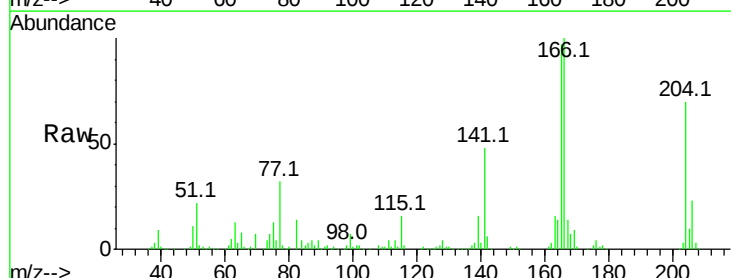
Tgt Ion:204 Resp: 237331

Ion Ratio Lower Upper

204 100

206 32.9 26.3 39.5

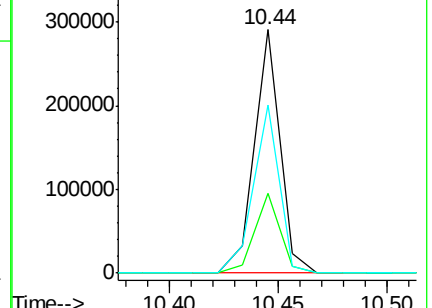
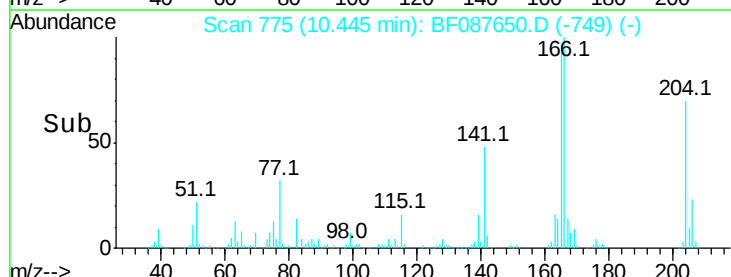
141 68.8 55.0 82.6

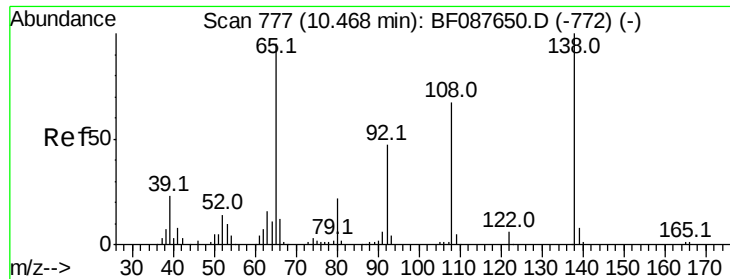


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





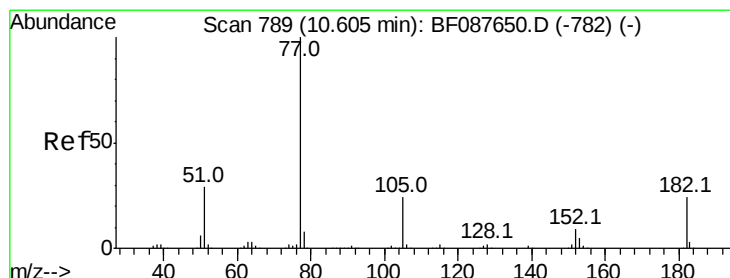
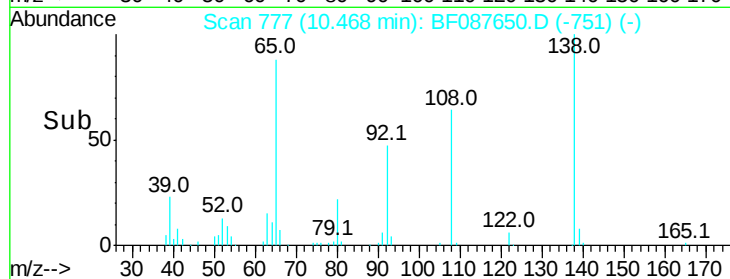
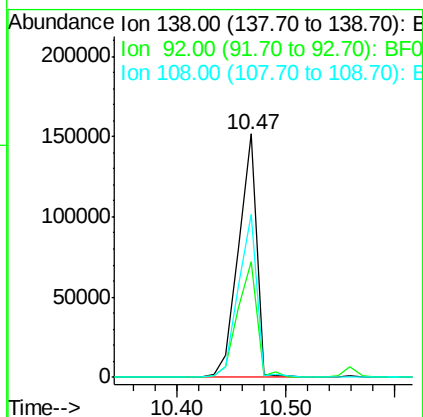
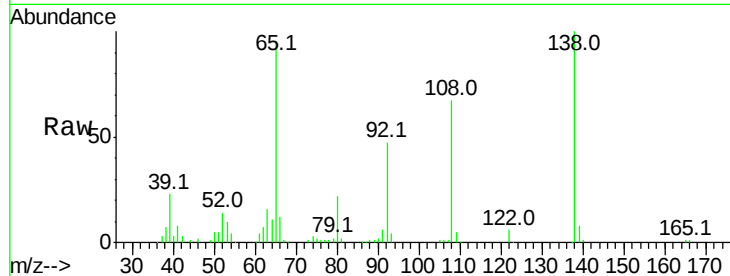
#61
4-Nitroaniline
Concen: 51.02 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	138	Resp:	172687
Ion Ratio	Lower	Upper	
138	100		
92	47.3	27.3	67.3
108	66.7	46.7	86.7

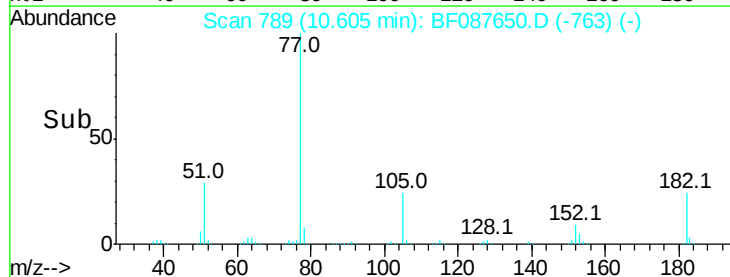
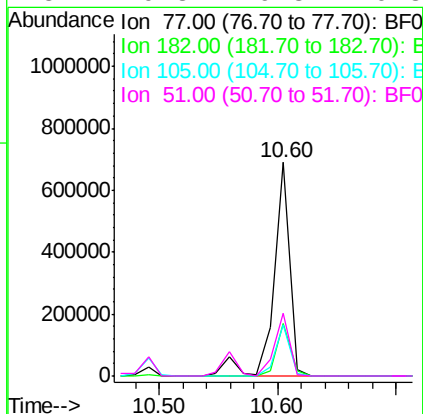
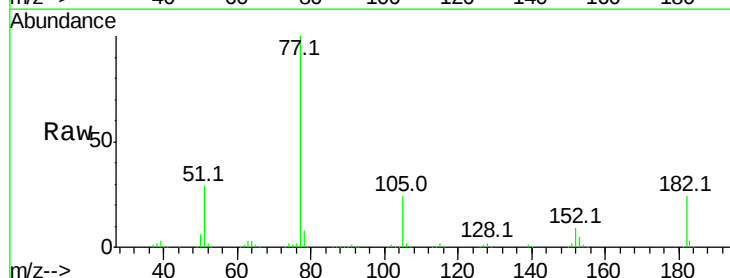
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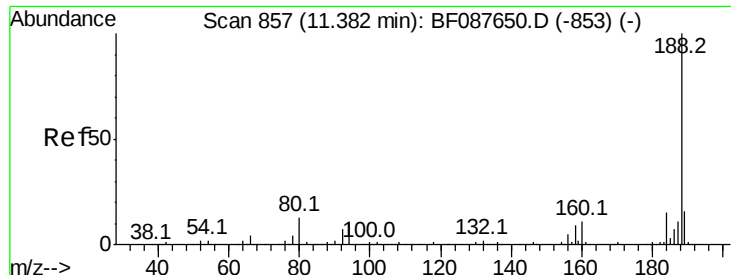
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#62
Azobenzene
Concen: 39.00 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion:	77	Resp:	654349
Ion Ratio	Lower	Upper	
77	100		
182	24.4	4.4	44.4
105	23.8	3.8	43.8
51	29.3	9.3	49.3





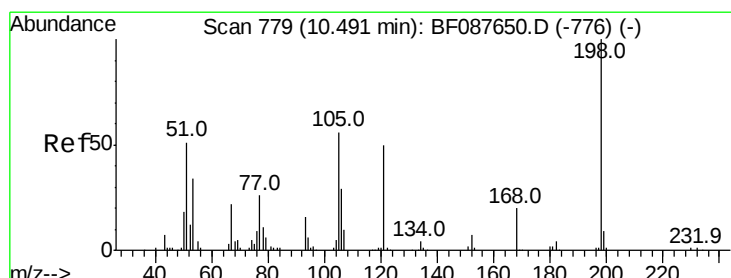
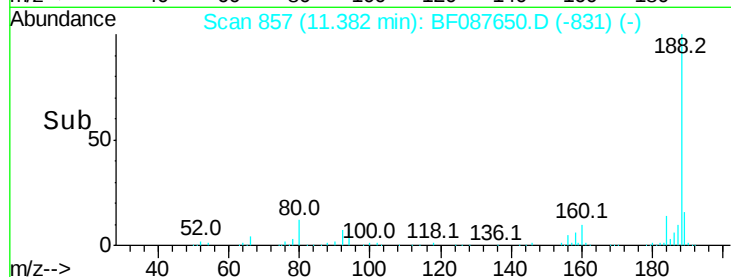
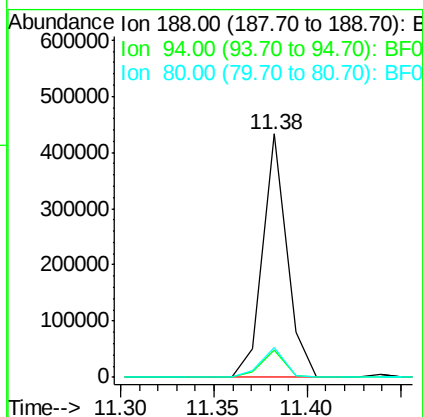
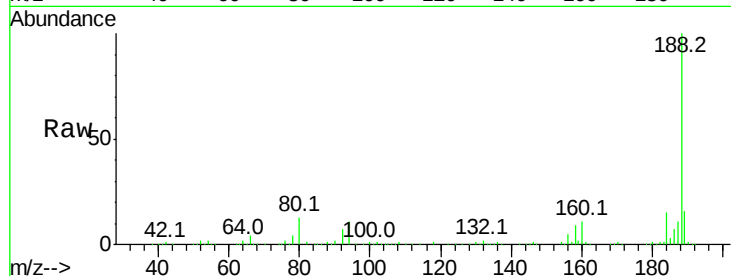
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	9.0	13.6
80	12.5	10.0	15.0

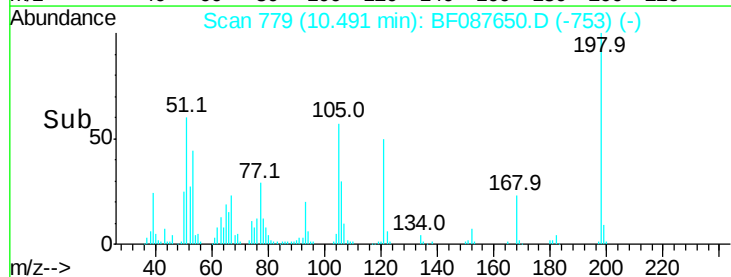
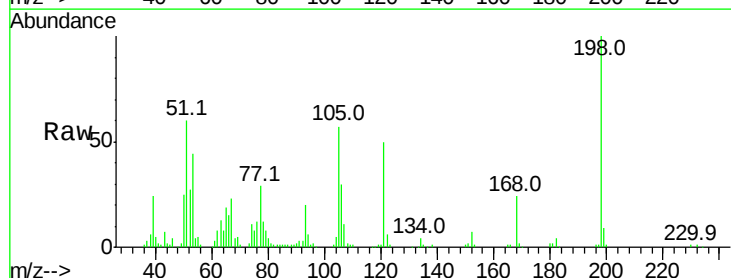
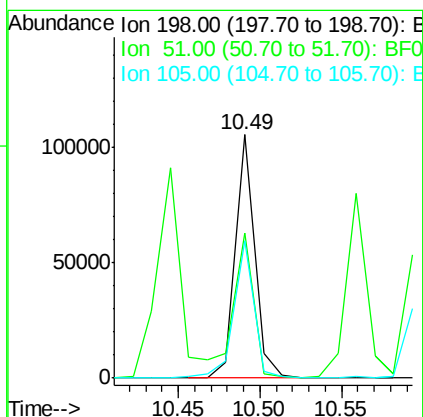
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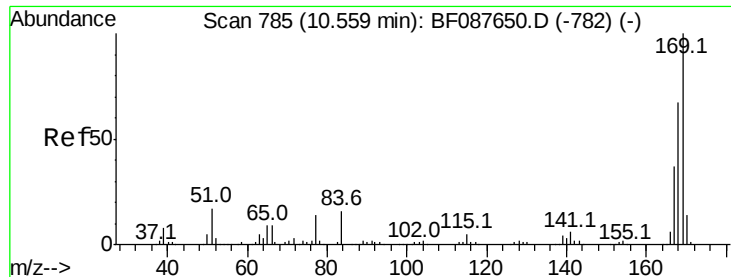
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6/6/2016 7:17:55 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.15 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.6	39.6	79.6
105	56.6	36.6	76.6





#65

n-Nitrosodiphenylamine

Concen: 39.47 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

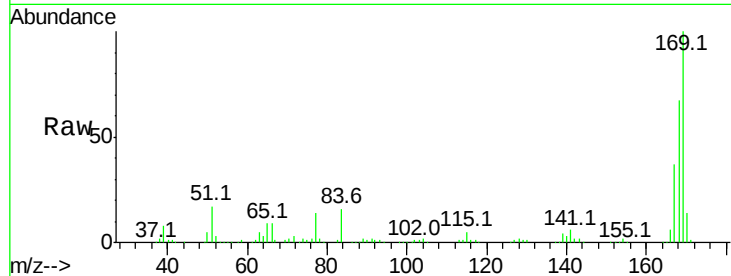
ClientSampleId :

SSTDICCC040

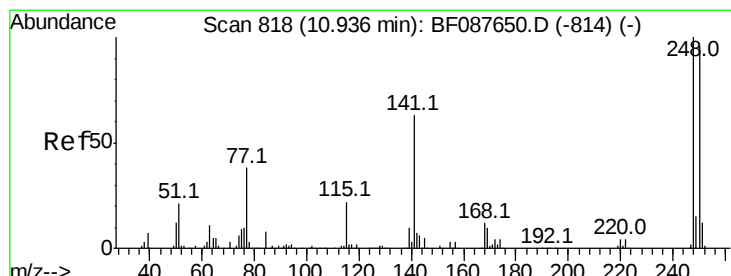
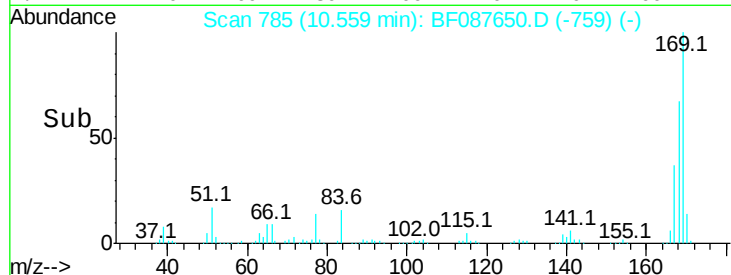
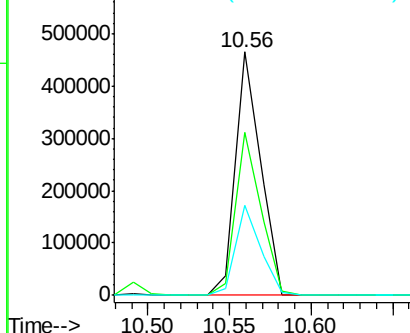
Tot Ion:	169	Resp:	491501
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.4	80.0
167	36.7	29.4	44.0

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.67 ng

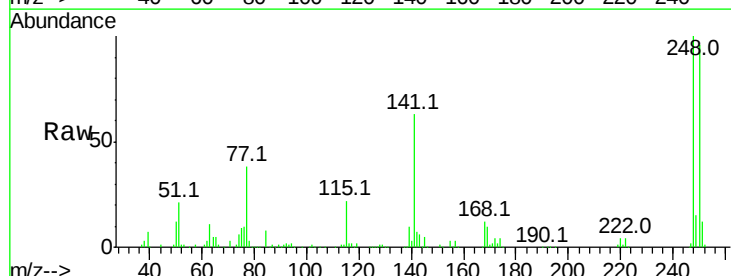
RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

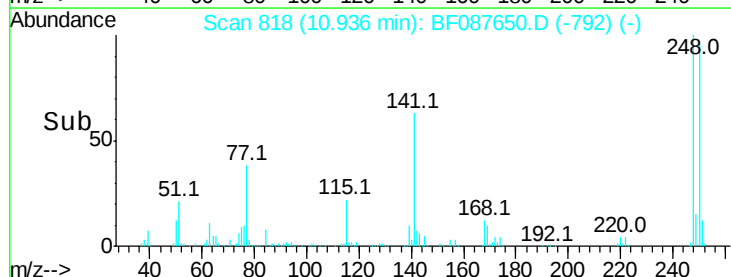
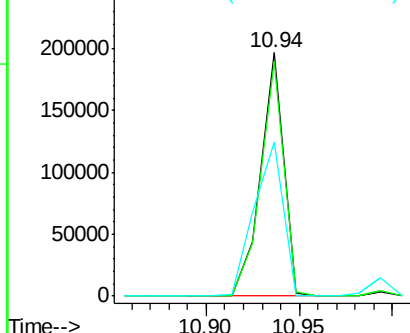
Lab File: BF087650.D

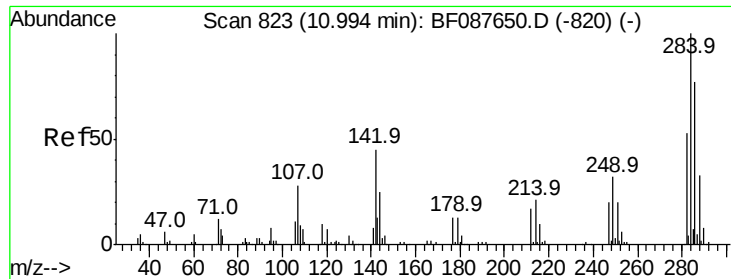
Acq: 4 Jun 2016 4:20

Tgt Ion:	248	Resp:	167440
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.1	115.7
141	63.3	50.6	76.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





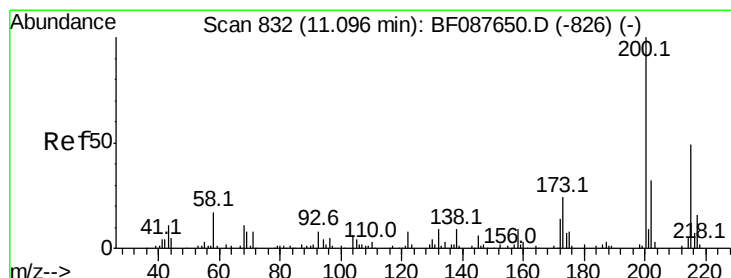
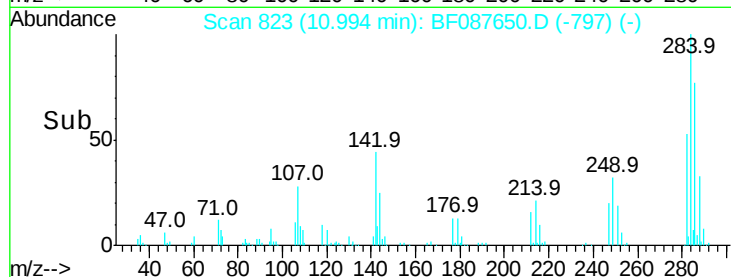
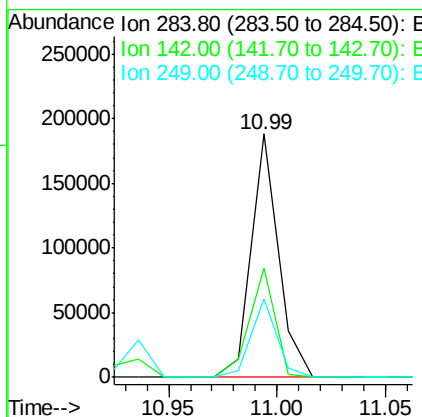
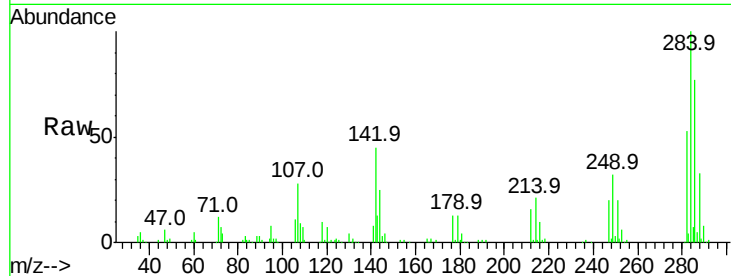
#67
Hexachlorobenzene
Concen: 37.37 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	163475		
142	44.8	35.8	53.8	
249	32.2	25.8	38.6	

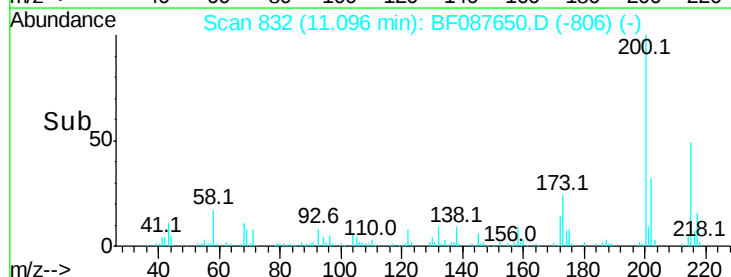
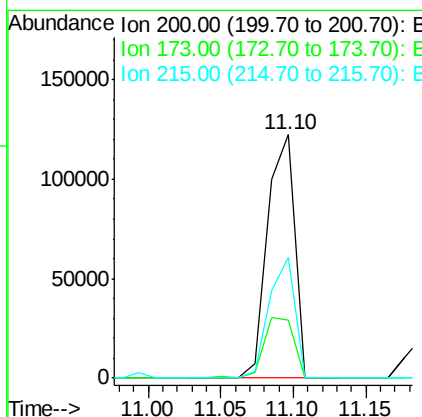
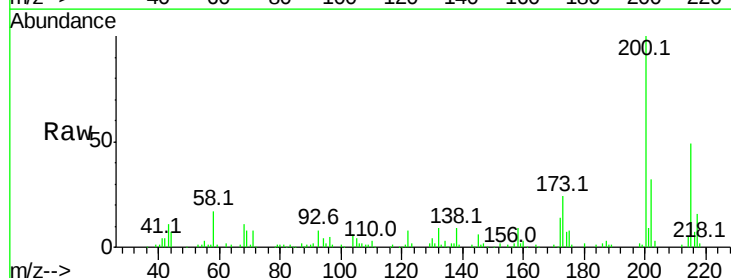
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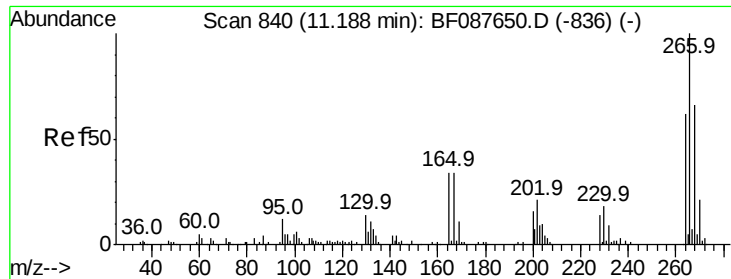
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6/6/2016 7:17:55 PM



#68
Atrazine
Concen: 39.79 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	158108		
173	24.0	4.0	44.0	
215	49.3	29.3	69.3	





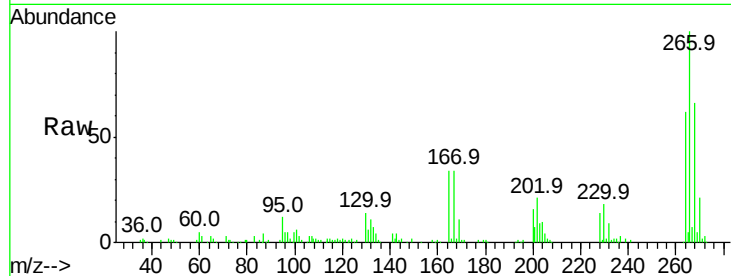
#69
 Pentachlorophenol
 Concen: 80.03 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

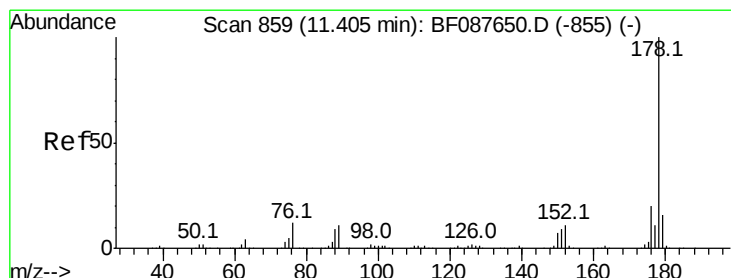
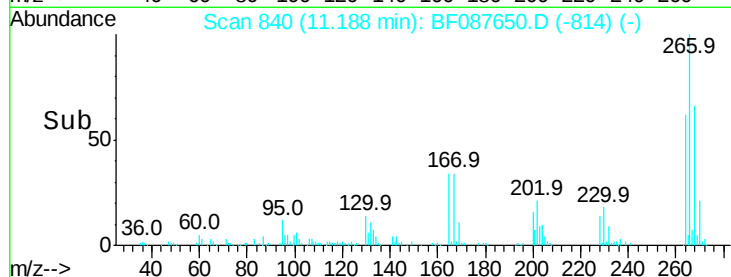
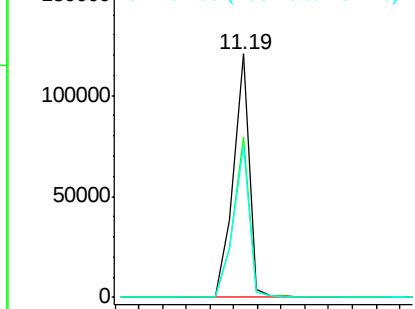
Tot Ion	Ratio	Resp	Lower	Upper
266	100	113769		
268	66.0	52.8	79.2	
264	62.0	49.6	74.4	

Manual Integrations
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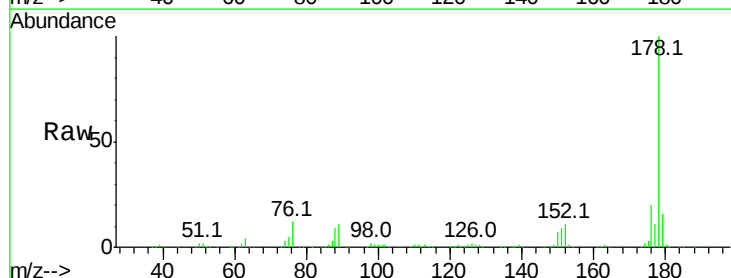


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

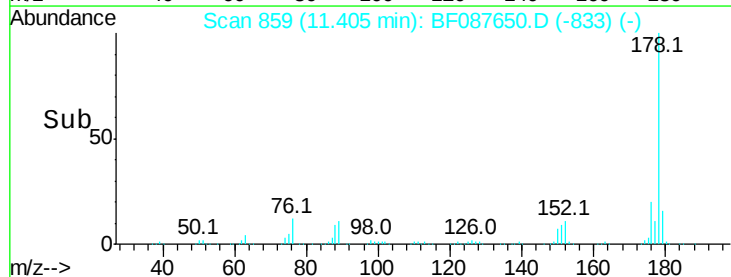
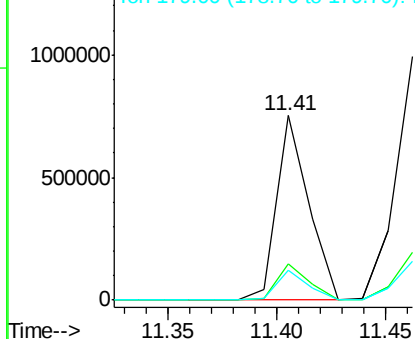


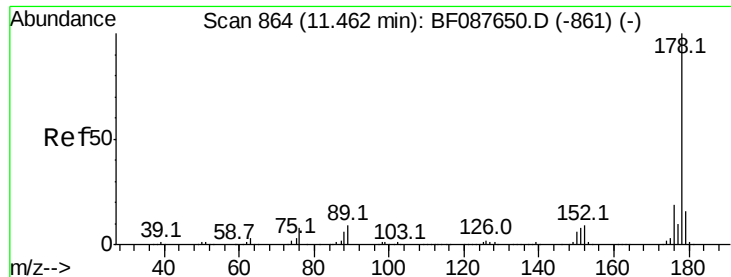
#70
 Phenanthrene
 Concen: 36.62 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	776045		
176	19.7	15.8	23.6	
179	16.2	13.0	19.4	



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





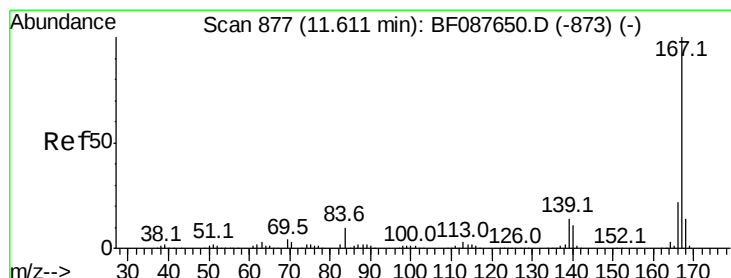
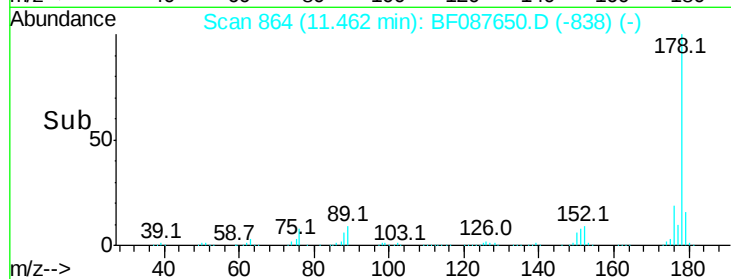
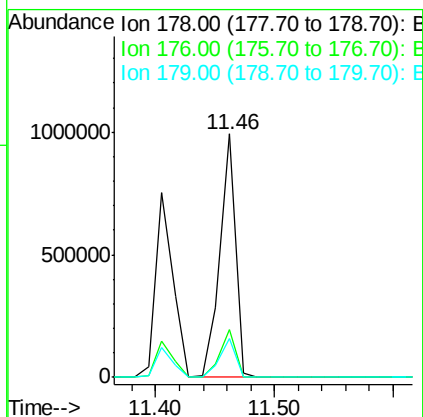
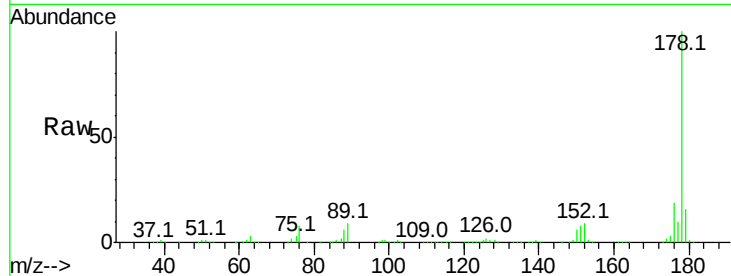
#71
 Anthracene
 Concen: 41.06 ng
 RT: 11.46 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.0	12.8	19.2

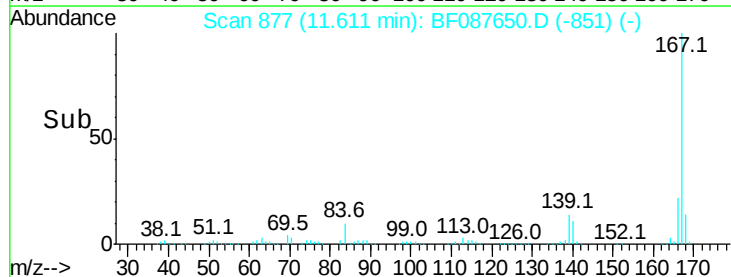
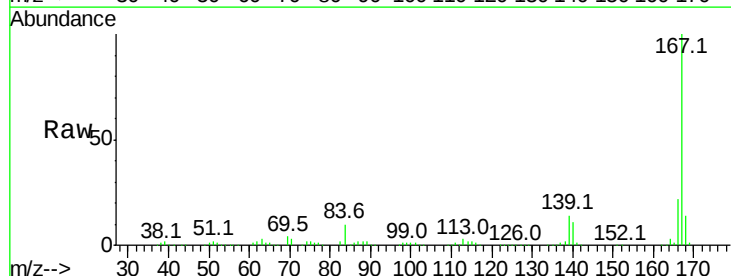
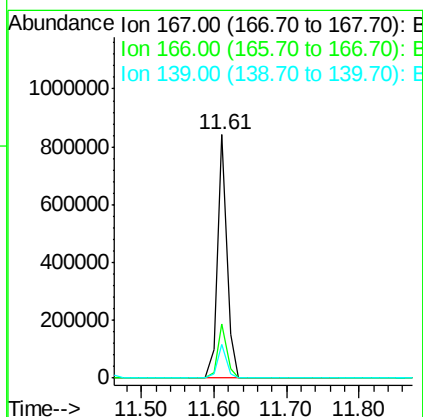
Manual Integrations
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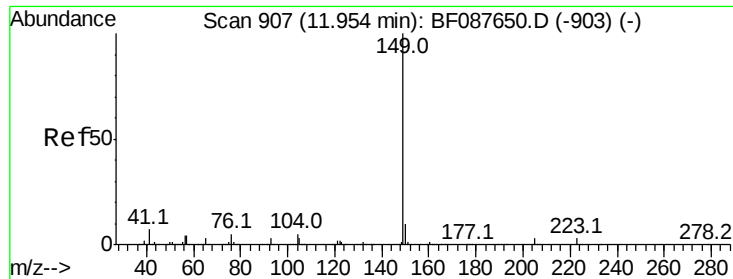
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#72
 Carbazole
 Concen: 40.83 ng
 RT: 11.61 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.0	11.2	16.8





#73

Di-n-butylphthalate

Concen: 38.72 ng

RT: 11.95 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

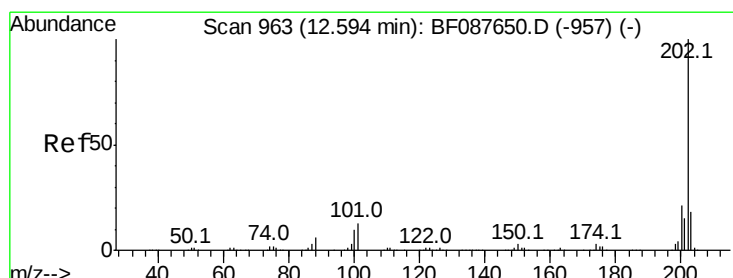
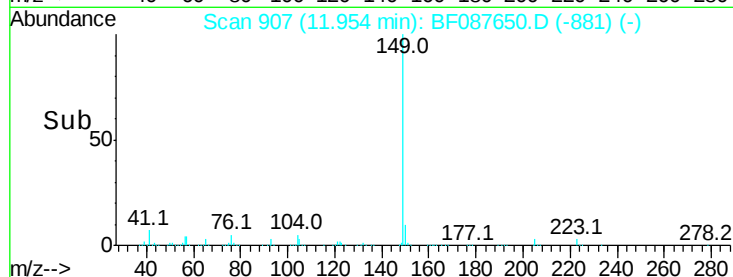
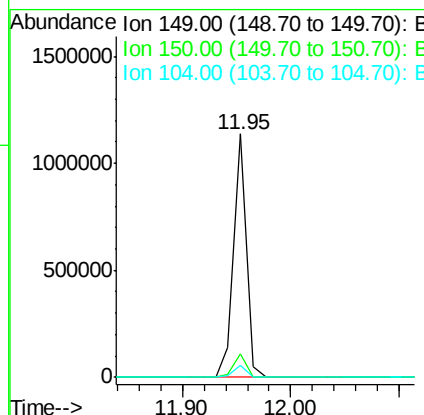
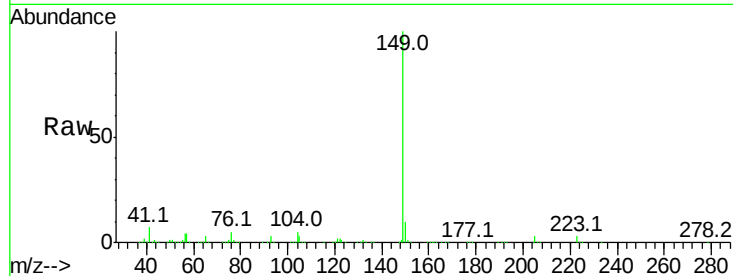
ClientSampleId :

SSTDICCC040

Tot Ion:	149	Resp:	912707
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.0	4.0	6.0

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#74

Fluoranthene

Concen: 39.82 ng

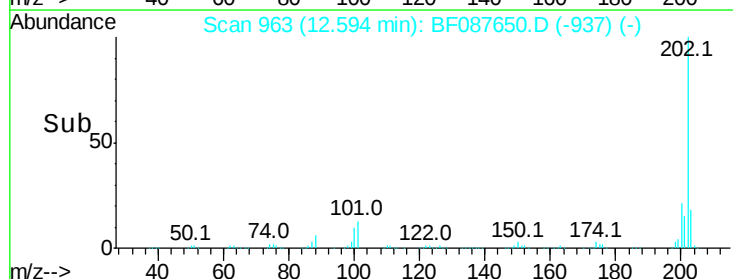
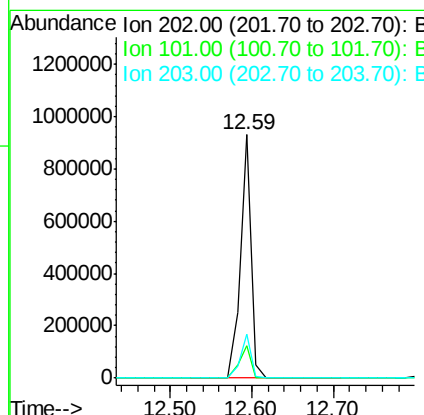
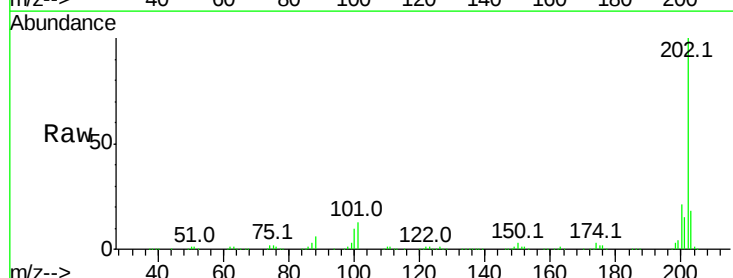
RT: 12.59 min Scan# 963

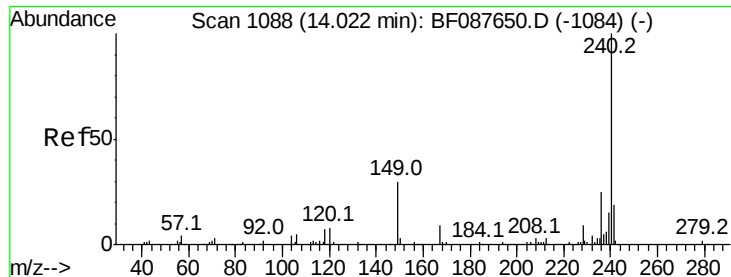
Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion:	202	Resp:	852559
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

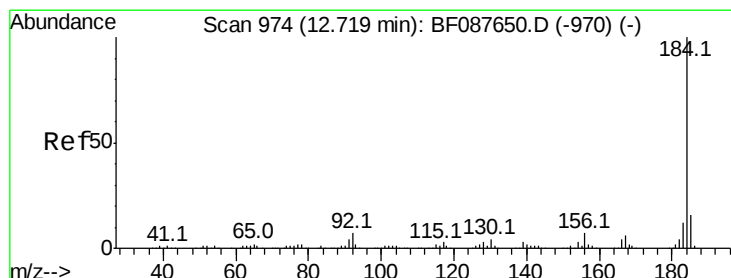
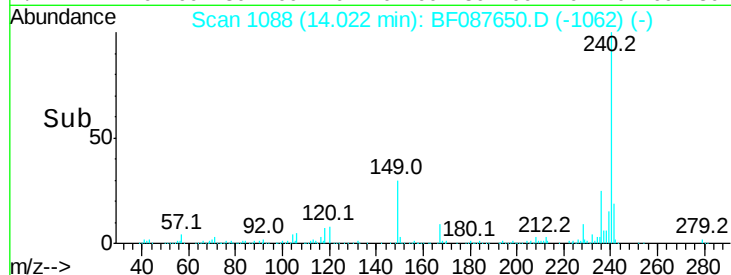
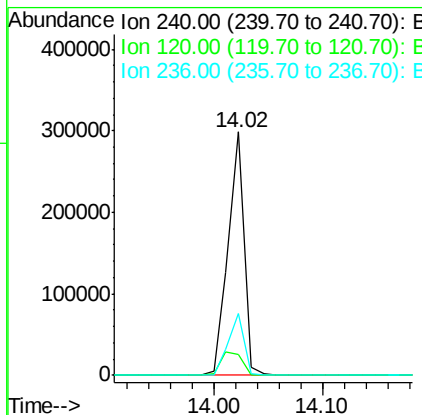
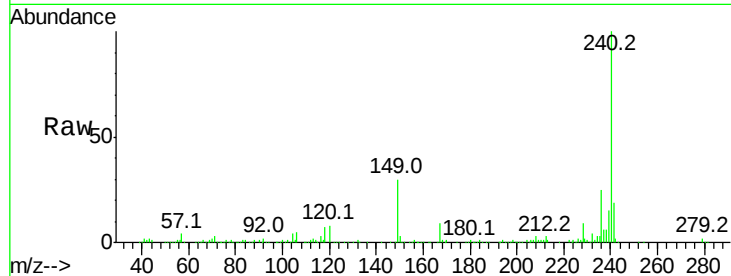
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	304409
Ion Ratio		Lower	Upper
240	100		
120	8.5	6.8	10.2
236	25.2	20.2	30.2

Manual Integrations
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#76

Benzidine

Concen: 63.61 ng

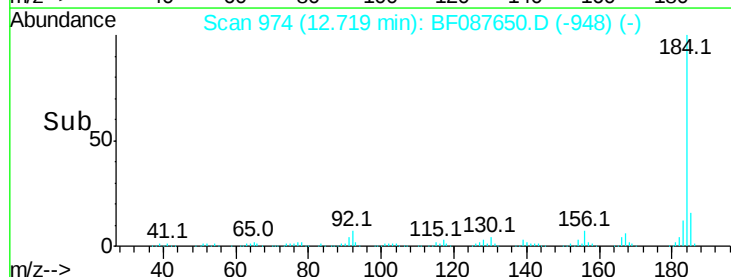
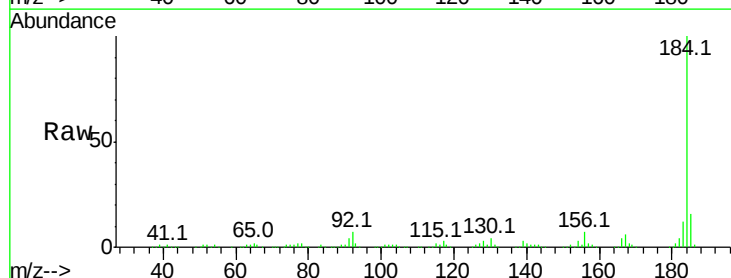
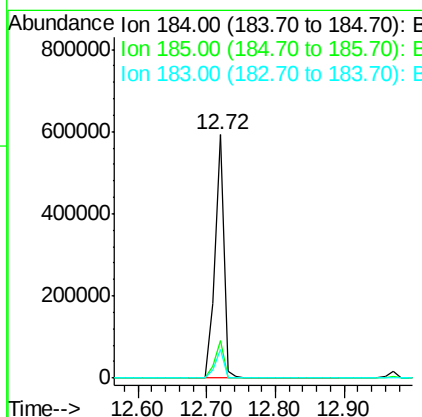
RT: 12.72 min Scan# 974

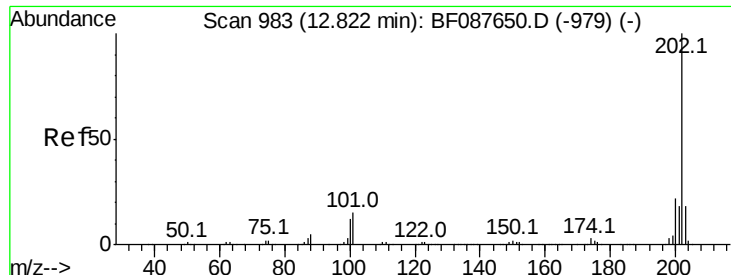
Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion:	184	Resp:	552905
Ion Ratio		Lower	Upper
184	100		
185	15.6	12.5	18.7
183	11.6	9.3	13.9





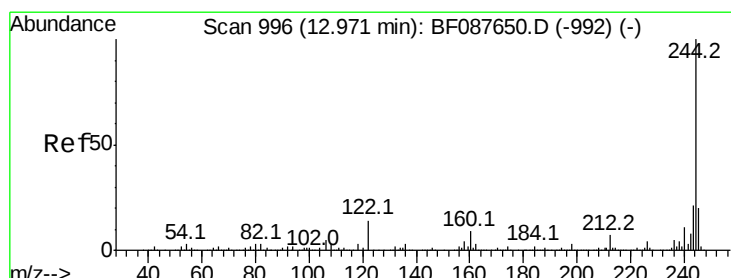
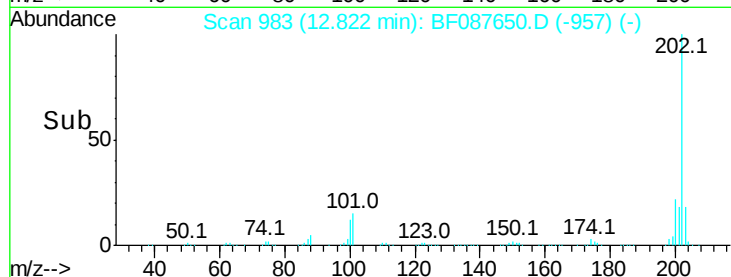
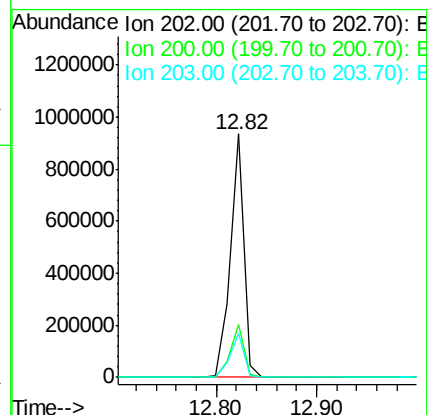
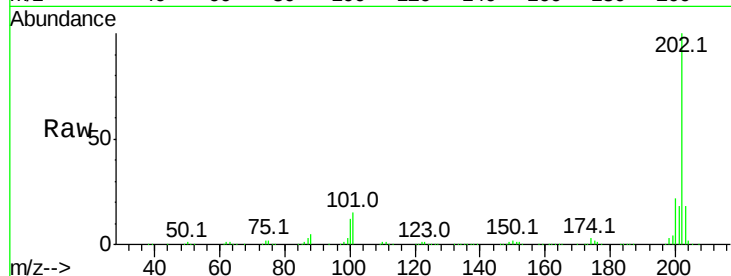
#77
Pvrene
Concen: 39.99 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.5	21.7

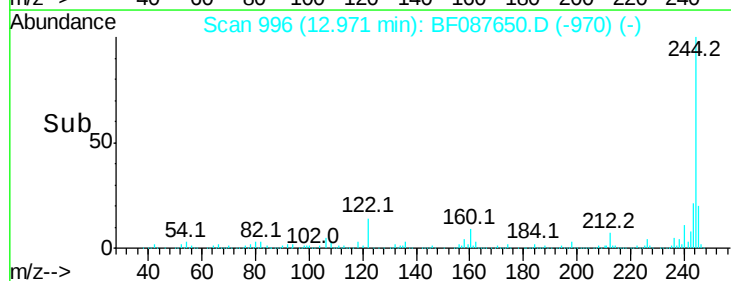
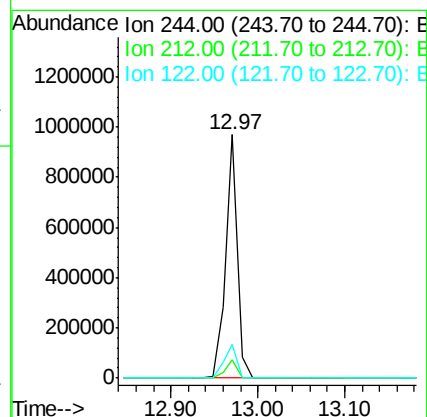
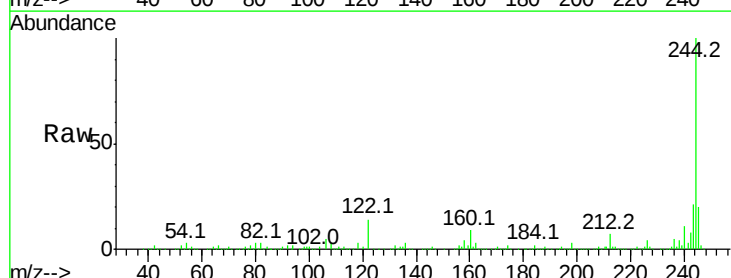
Manual Integrations
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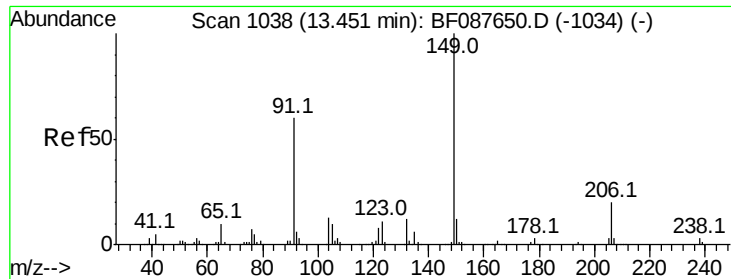
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#78
Terphenyl-d14
Concen: 66.37 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.0	11.2	16.8





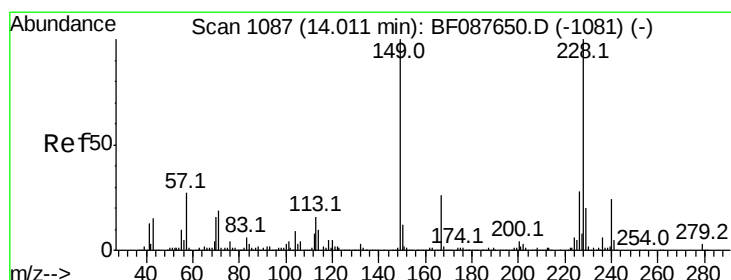
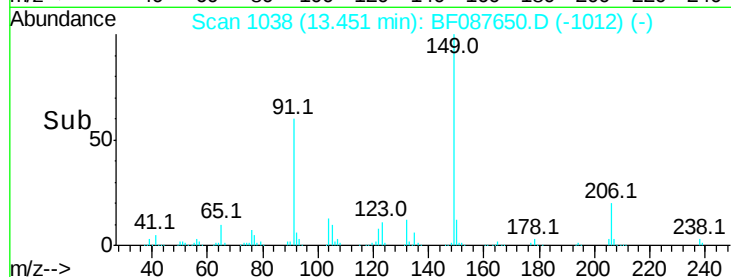
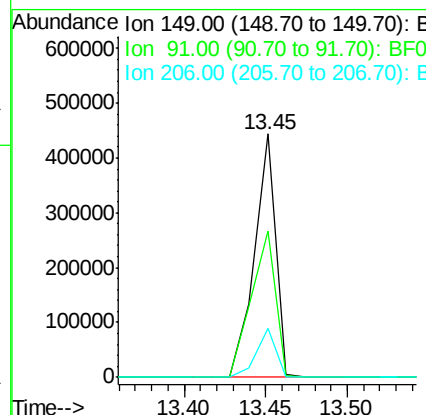
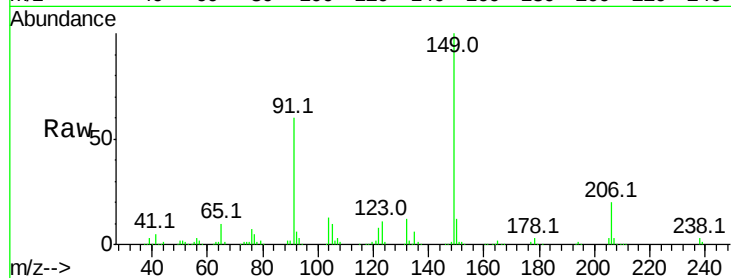
#79
Butylbenzylphthalate
Concen: 41.43 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	399897		
91	60.0	48.0	72.0	
206	20.0	16.0	24.0	

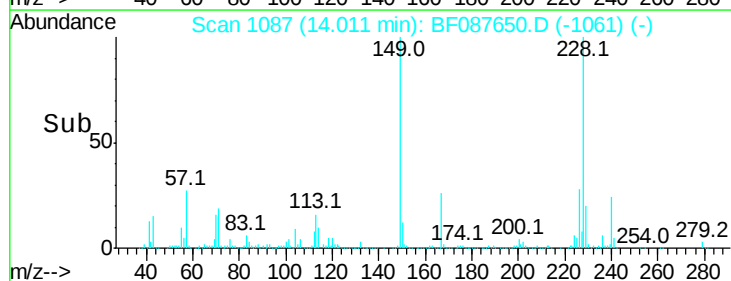
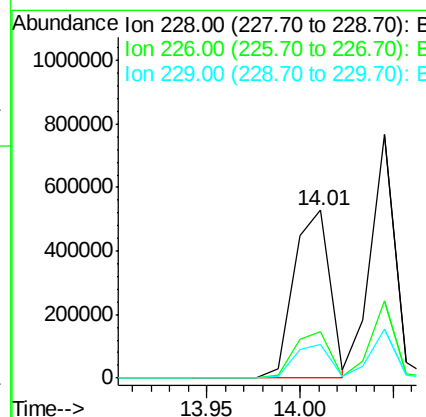
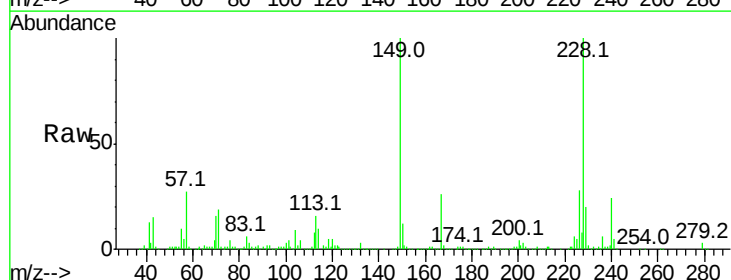
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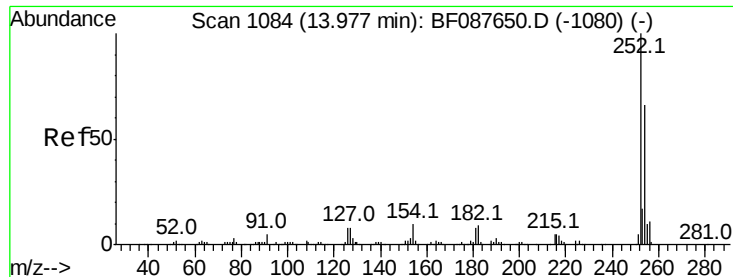
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6/6/2016 7:17:55 PM



#80
Benzo(a)anthracene
Concen: 40.85 ng
RT: 14.01 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	708569		
226	27.9	22.3	33.5	
229	20.0	16.0	24.0	





#81

3,3'-Dichlorobenzidine

Concen: 24.09 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

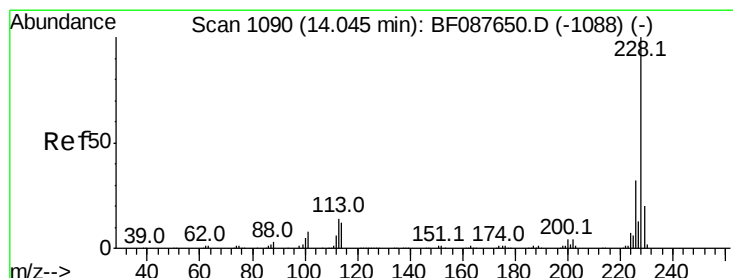
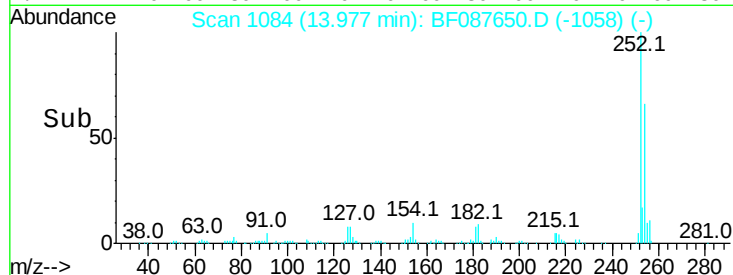
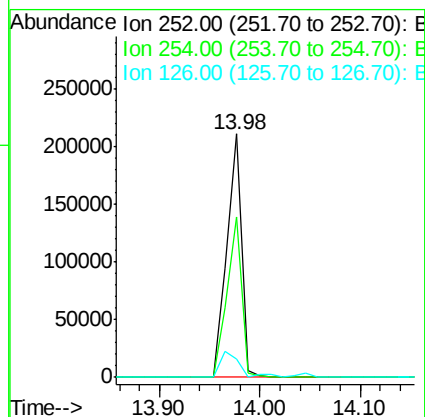
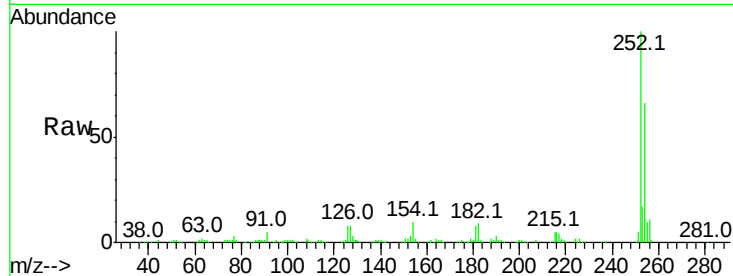
ClientSampleId :

SSTDICCC040

Tot Ion:	252	Resp:	216948
Ion Ratio	Lower	Upper	
252	100		
254	65.7	52.6	78.8
126	7.7	6.2	9.2

Manual Integrations
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#82

Chrysene

Concen: 40.24 ng

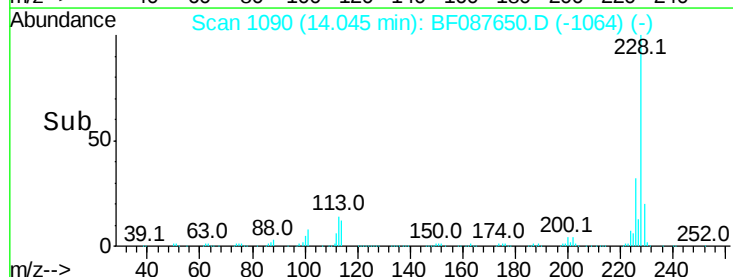
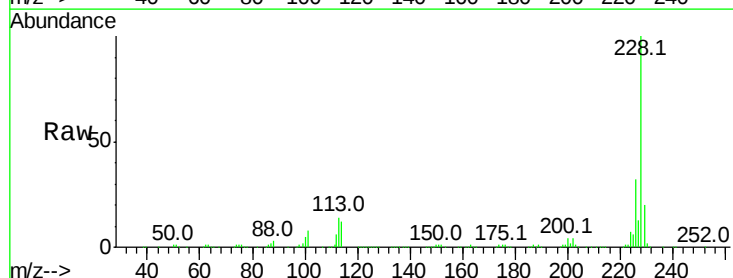
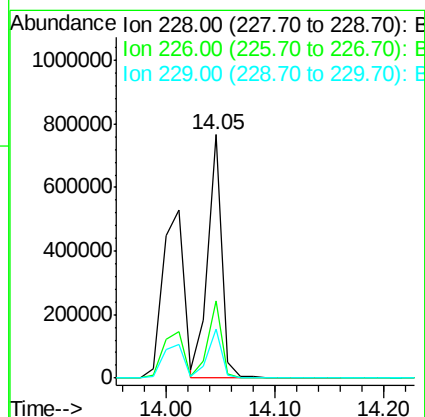
RT: 14.05 min Scan# 1090

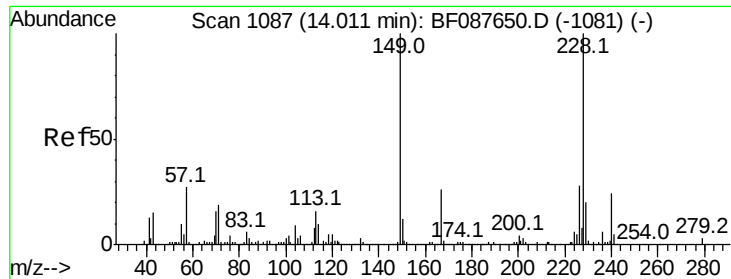
Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion:	228	Resp:	695176
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.4	38.2
229	20.4	16.3	24.5





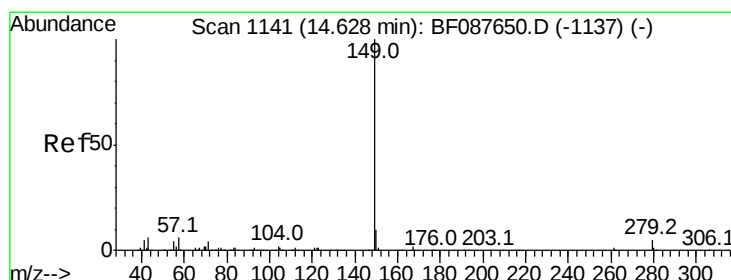
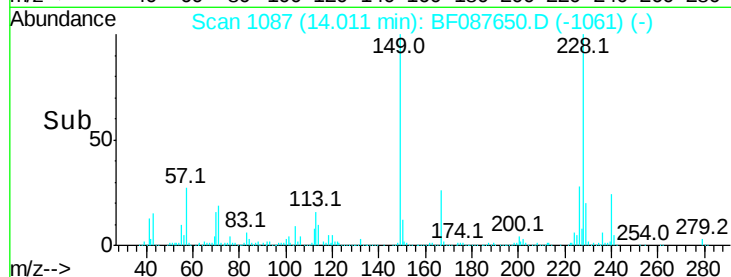
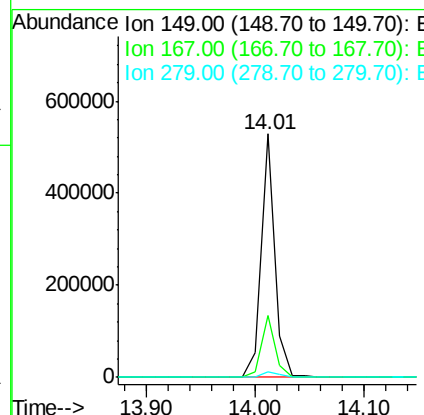
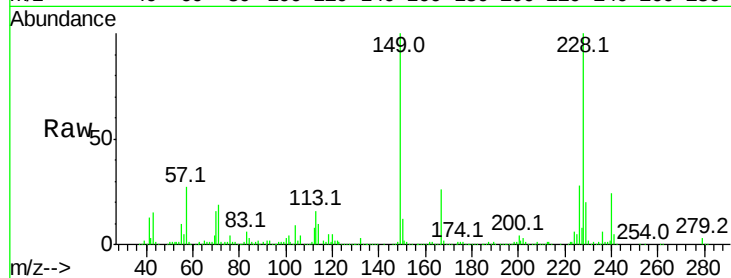
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.96 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	467558		
167	25.6	20.5	30.7	
279	2.5	2.0	3.0	

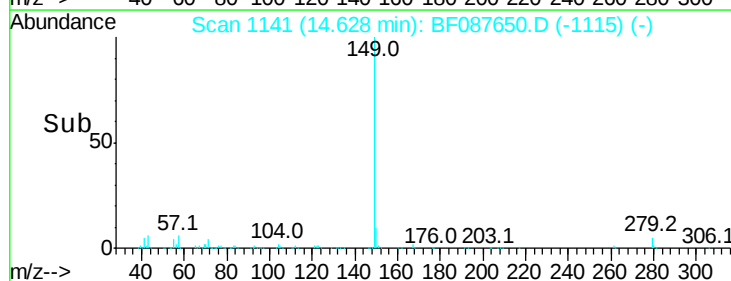
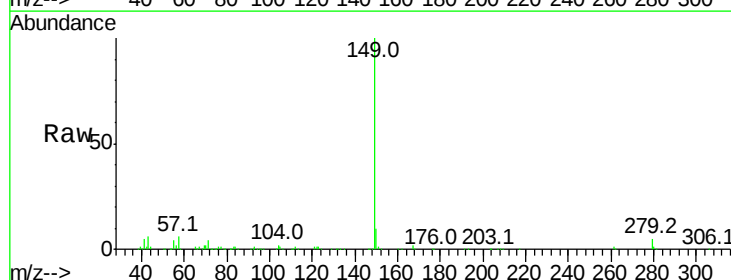
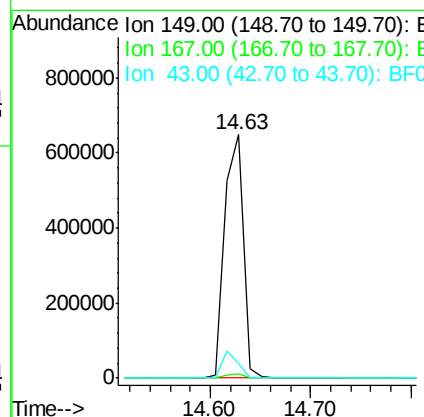
Manual Integrations
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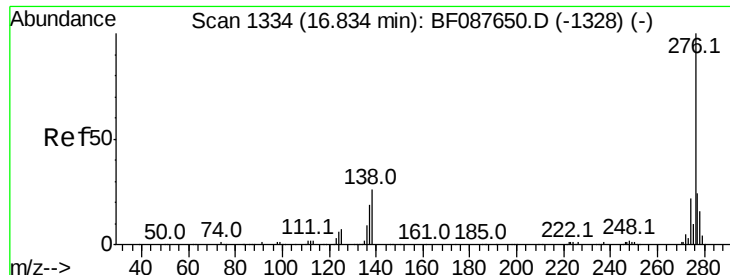
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#84
 Di-n-octyl phthalate
 Concen: 39.23 ng
 RT: 14.63 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	833879		
167	1.5	0.0	0.0#	
43	9.5	0.0	0.0#	





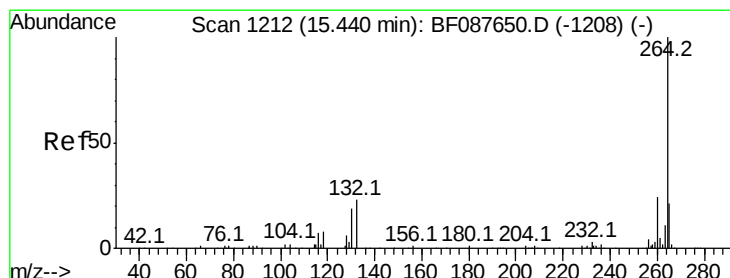
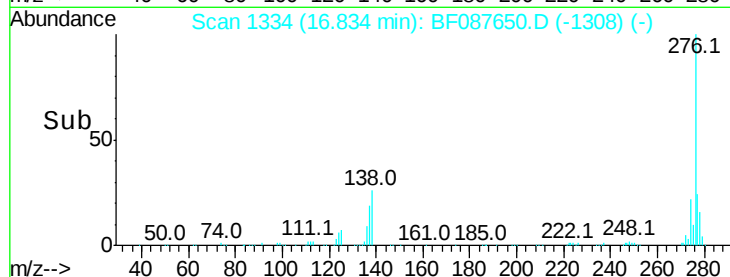
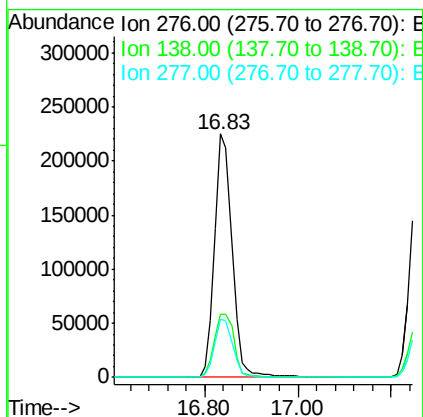
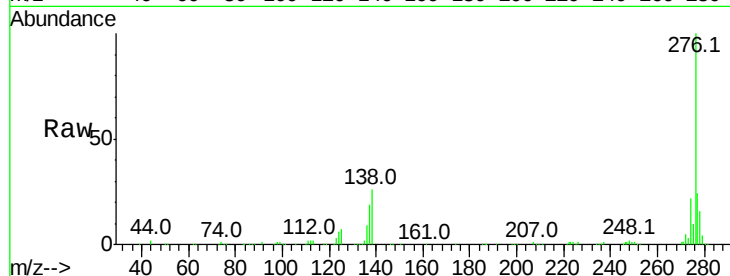
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.63 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.4	0.0	0.0#
277	24.8	0.0	0.0#

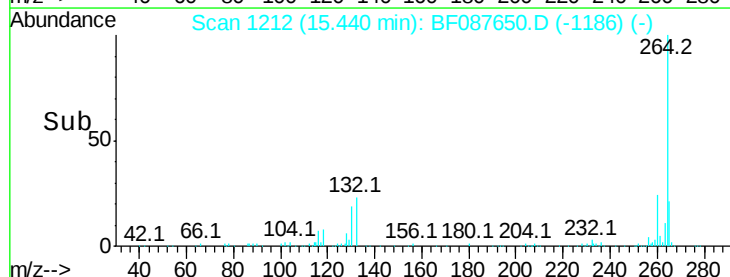
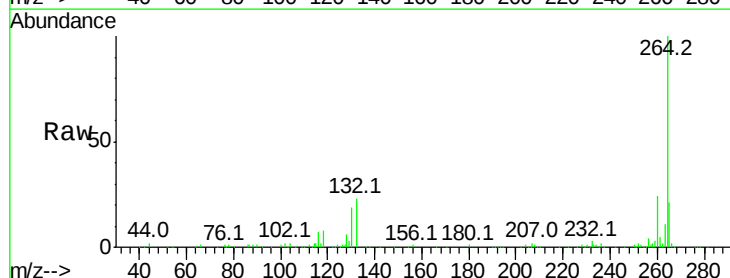
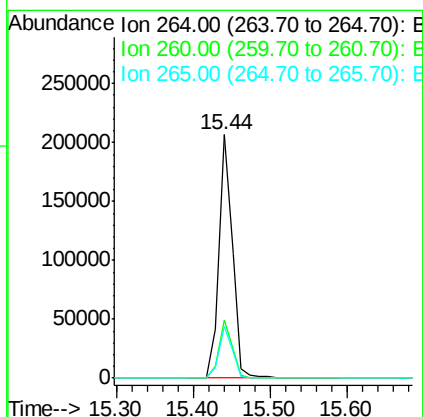
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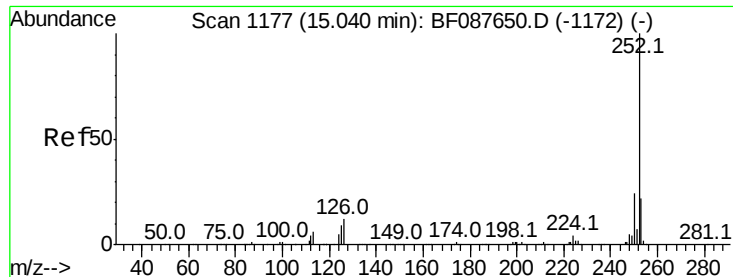
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 42.15 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Instrument :

BNA_F

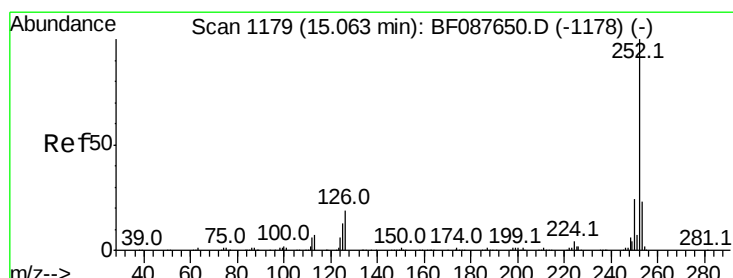
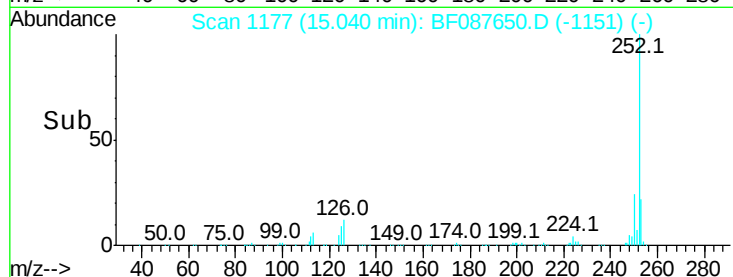
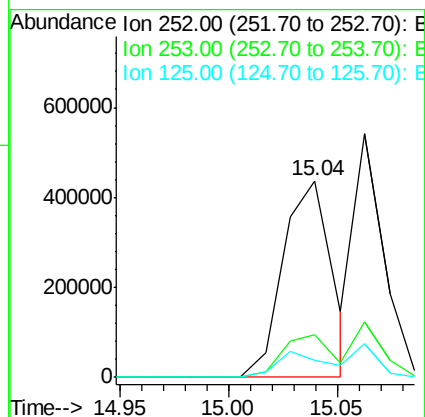
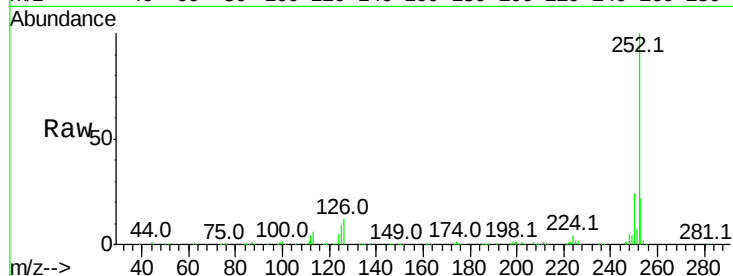
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.9	7.1	10.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 37.13 ng m

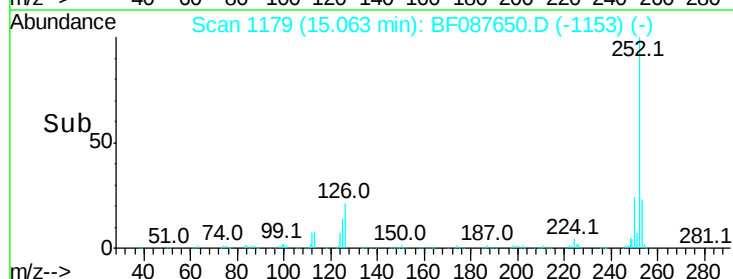
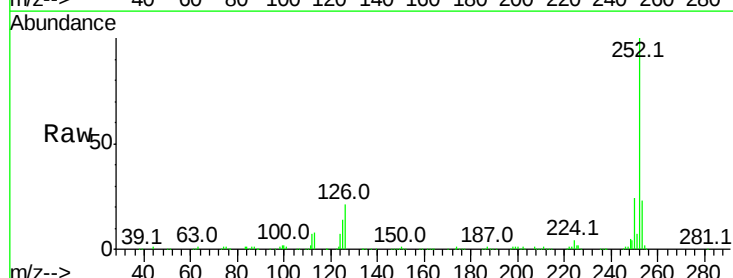
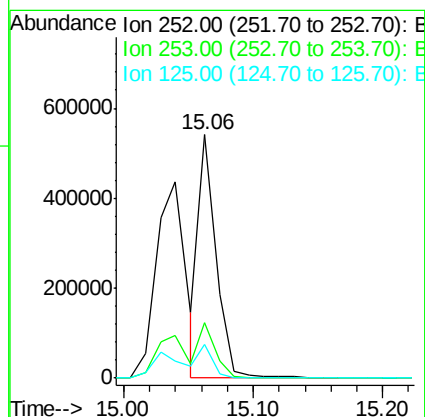
RT: 15.06 min Scan# 1179

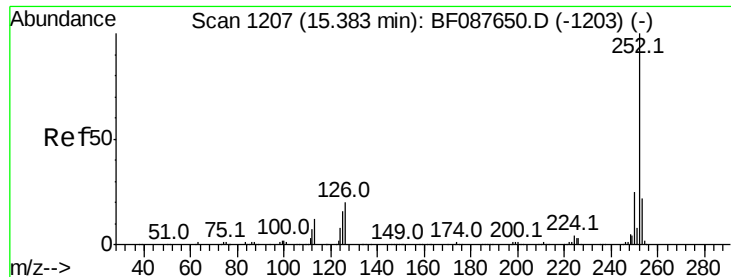
Delta R.T. 0.00 min

Lab File: BF087650.D

Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	14.0	11.2	16.8





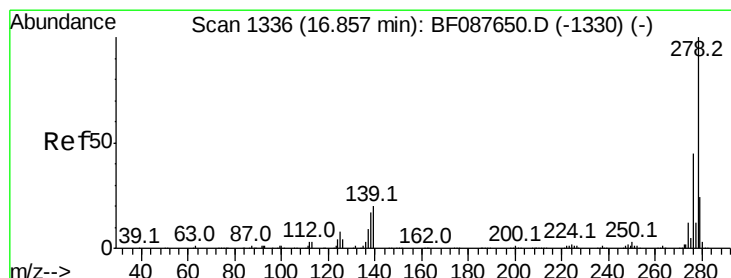
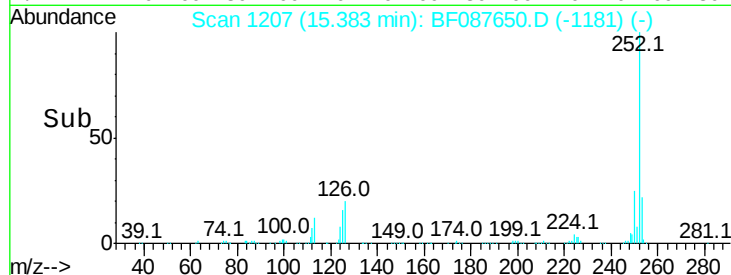
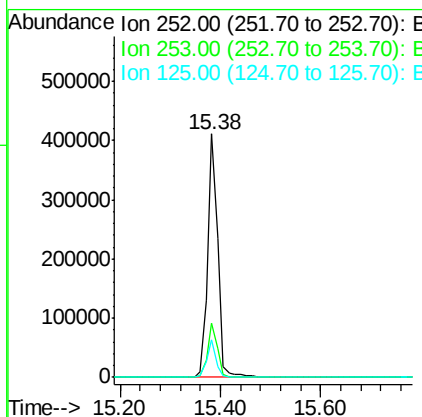
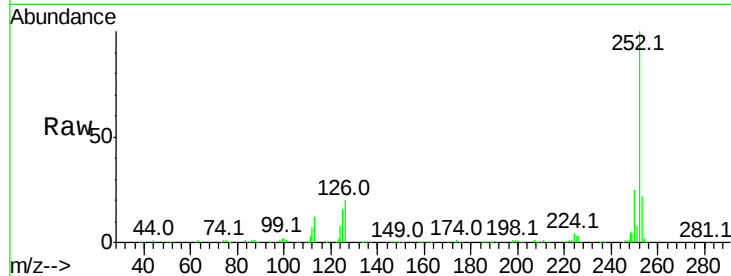
#89
Benzo(a)pyrene
Concen: 40.64 ng
RT: 15.38 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.6	12.5	18.7

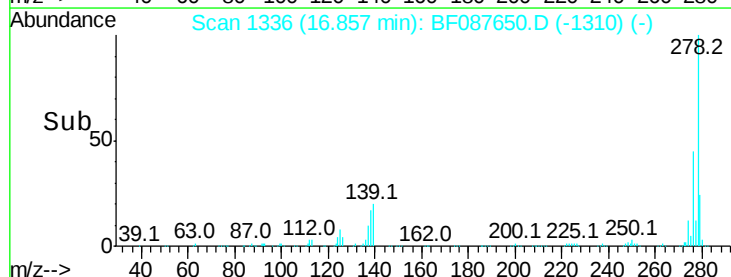
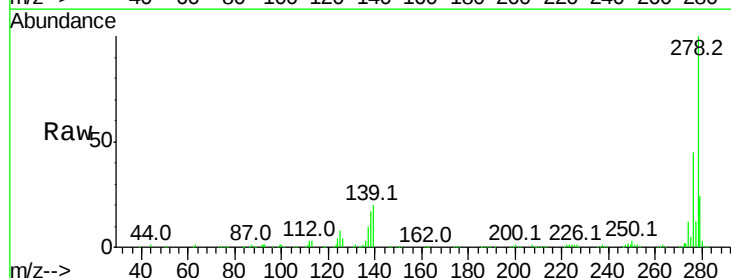
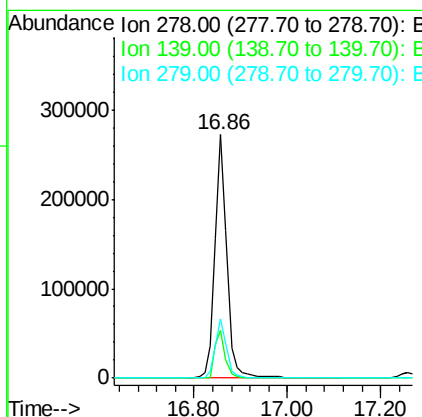
Manual Integrations
APPROVED

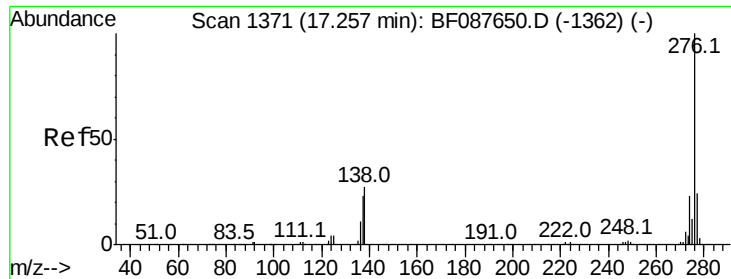
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#90
Dibenzo(a,h)anthracene
Concen: 40.84 ng
RT: 16.86 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF087650.D
Acq: 4 Jun 2016 4:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.7	23.5
279	24.3	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 41.68 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF087650.D
 Acq: 4 Jun 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion:	276	Resp:	494438
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.9	28.3
138	26.8	21.4	32.2

Manual Integrations
 APPROVED

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