

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088806.D
 Acq On : 8 Jul 2016 4:58
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

umangi
 7/8/2016 7:08:53 PM

Quant Time: Jul 08 06:58:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	84833	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	339088	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	132129	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	202557	20.00	ng	0.00
75) Chrysene-d12	13.89	240	160209	20.00	ng	0.00
86) Perylene-d12	15.27	264	141409	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	427489	75.52	ng	0.00
7) Phenol-d6	6.39	99	522571	71.45	ng	0.00
23) Nitrobenzene-d5	7.31	82	470141	72.66	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	95246	77.63	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	725940	86.78	ng	0.00
78) Terphenyl-d14	12.85	244	561054	78.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	96909	34.53	ng	# 37
3) Pyridine	2.91	79	273496	33.59	ng	95
4) n-Nitrosodimethylamine	2.88	42	105555	33.93	ng	91
6) Aniline	6.41	93	390425	36.63	ng	97
8) 2-Chlorophenol	6.52	128	228224	37.51	ng	96
9) Benzaldehyde	6.28	77	161393	32.58	ng	87
10) Phenol	6.40	94	268549	32.17	ng	# 45
11) bis(2-Chloroethyl)ether	6.49	93	243274	39.08	ng	# 81
12) 1,3-Dichlorobenzene	6.68	146	273125	40.80	ng	99
13) 1,4-Dichlorobenzene	6.76	146	279340	42.04	ng	100
14) 1,2-Dichlorobenzene	6.91	146	226322m	36.39	ng	
15) Benzyl Alcohol	6.89	79	191313	35.54	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	281061	31.18	ng	89
17) 2-Methylphenol	7.02	107	195727	39.44	ng	98
18) Hexachloroethane	7.26	117	79555	30.95	ng	# 83
19) n-Nitroso-di-n-propylamine	7.18	70	176927	36.01	ng	# 79
20) 3+4-Methylphenols	7.16	107	209480	35.17	ng	# 77
22) Acetophenone	7.16	105	349444	42.46	ng	# 92
24) Nitrobenzene	7.34	77	276522	42.39	ng	94
25) Isophorone	7.58	82	457656	38.18	ng	98
26) 2-Nitrophenol	7.64	139	94362	35.27	ng	94
27) 2,4-Dimethylphenol	7.69	122	182287	32.71	ng	87
28) bis(2-Chloroethoxy)methane	7.79	93	296001	37.95	ng	97
29) 2,4-Dichlorophenol	7.90	162	175686	39.01	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	209303	42.35	ng	99
31) Naphthalene	8.06	128	705179	42.18	ng	99
32) Benzoic acid	7.80	122	98881m	24.44	ng	
33) 4-Chloroaniline	8.10	127	273255	36.74	ng	97
34) Hexachlorobutadiene	8.17	225	106761	40.35	ng	97
35) Caprolactam	8.48	113	51004	33.35	ng	89
36) 4-Chloro-3-methylphenol	8.59	107	210615	39.55	ng	95
37) 2-Methylnaphthalene	8.74	142	395178	36.71	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	221375	50.37	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	6914	3.21	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	116856	40.33	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	97691	39.19	nq #	83
45) 1,1'-Biphenyl	9.21	154	524190	47.91	nq	97
46) 2-Chloronaphthalene	9.23	162	390753	45.49	nq	100
47) 2-Nitroaniline	9.32	65	108446	35.58	nq	97
48) Acenaphthylene	9.64	152	586907	42.94	nq	99
49) Dimethylphthalate	9.52	163	433636	46.07	nq	98
50) 2,6-Dinitrotoluene	9.58	165	89949	43.11	nq	97
51) Acenaphthene	9.82	154	318933	38.07	nq	98
52) 3-Nitroaniline	9.74	138	93749	35.35	nq	89
53) 2,4-Dinitrophenol	9.84	184	2310	2.51	nq #	79
54) Dibenzofuran	9.99	168	462067	42.14	nq #	91
55) 4-Nitrophenol	9.90	139	56161	27.87	nq	85
56) 2,4-Dinitrotoluene	9.98	165	107186	39.29	nq #	91
57) Fluorene	10.33	166	364796	43.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	64704	33.55	nq #	49
59) Diethylphthalate	10.20	149	406736	43.05	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	147824	37.65	nq #	84
61) 4-Nitroaniline	10.34	138	89694	35.14	nq	78
62) Azobenzene	10.48	77	382105	35.46	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	6113	5.64	nq	93
65) n-Nitrosodiphenylamine	10.44	169	329222	48.02	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	93988	46.04	nq #	86
67) Hexachlorobenzene	10.88	284	101355	44.86	nq #	77
68) Atrazine	10.97	200	82673	38.70	nq	93
69) Pentachlorophenol	11.07	266	41627	31.13	nq	99
70) Phenanthrene	11.28	178	412163	37.22	nq	99
71) Anthracene	11.34	178	474553	43.10	nq	99
72) Carbazole	11.50	167	396370	38.25	nq	97
73) Di-n-butylphthalate	11.83	149	488425	40.52	nq	99
74) Fluoranthene	12.47	202	485818	43.28	nq	96
76) Benzidine	12.59	184	316800	39.12	nq	99
77) Pyrene	12.70	202	511080	37.62	nq	99
79) Butylbenzylphthalate	13.33	149	223489	36.88	nq	99
80) Benzo(a)anthracene	13.87	228	409825	39.73	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	164358	42.38	nq	98
82) Chrysene	13.92	228	413537	40.52	nq	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	302979	43.80	nq	99
84) Di-n-octyl phthalate	14.49	149	544061	46.29	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	283776	36.14	nq #	100
87) Benzo(b)fluoranthene	14.89	252	405380m	45.70	nq	
88) Benzo(k)fluoranthene	14.91	252	283323m	36.69	nq	
89) Benzo(a)pyrene	15.22	252	312014	41.54	nq #	92
90) Dibenzo(a,h)anthracene	16.61	278	246774	39.35	nq	97
91) Benzo(g,h,i)perylene	16.98	276	235940	36.35	nq	97

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

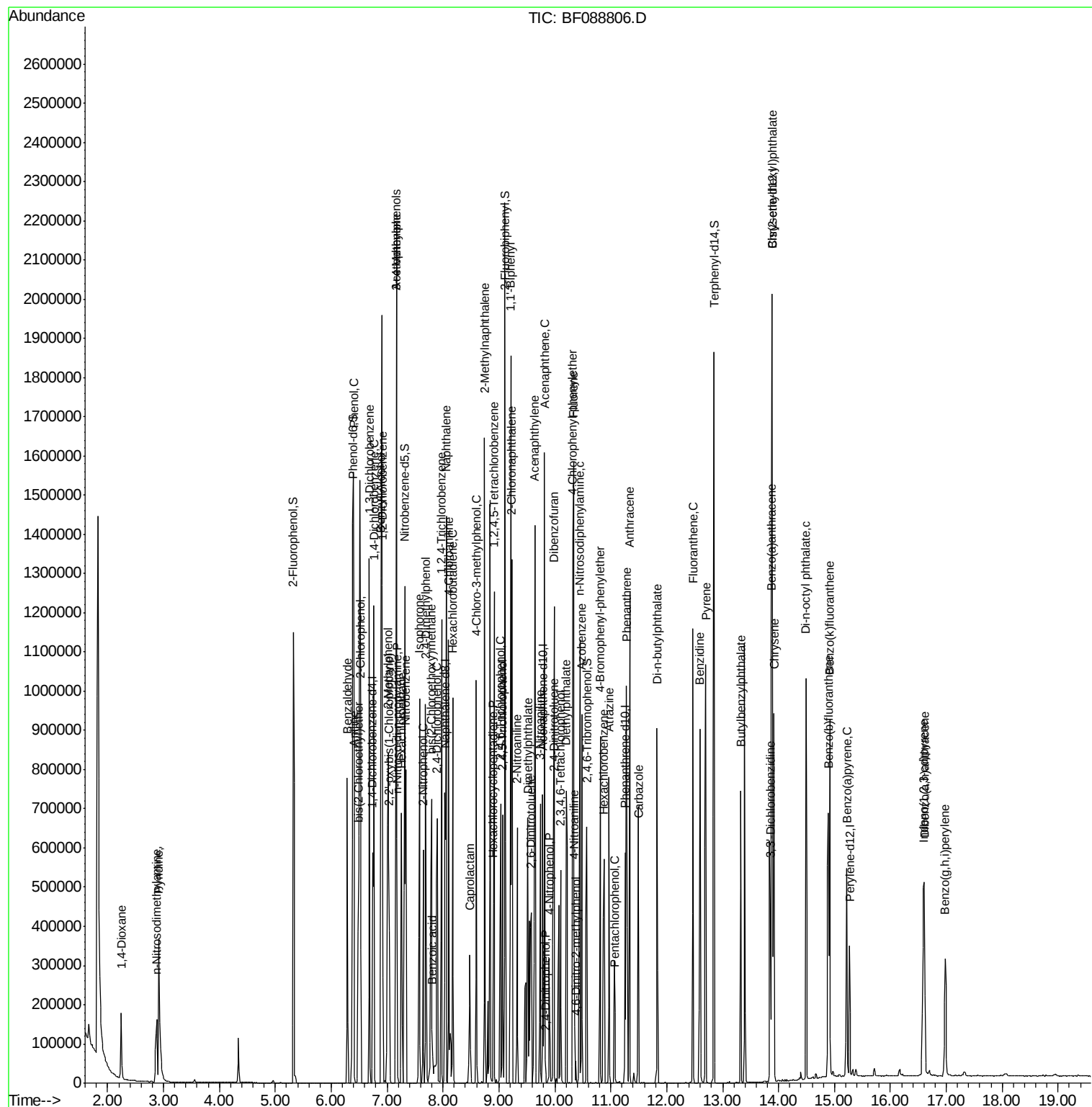
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
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 Acq On : 8 Jul 2016 4:58
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

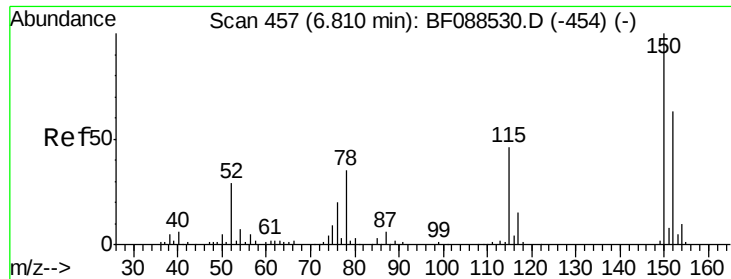
Instrument :
 BNA_F
 Client Sample Id :
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#1

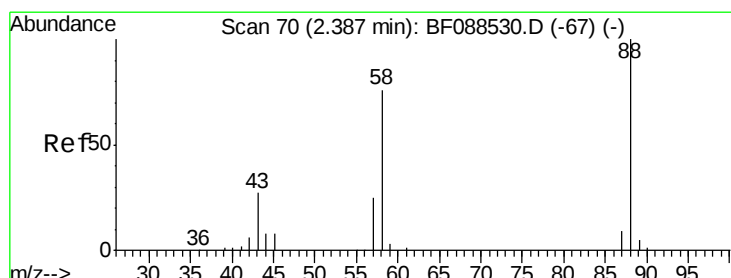
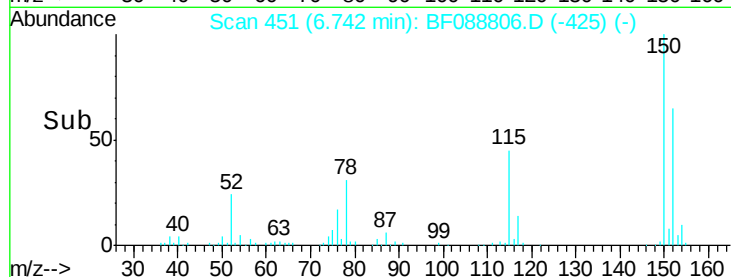
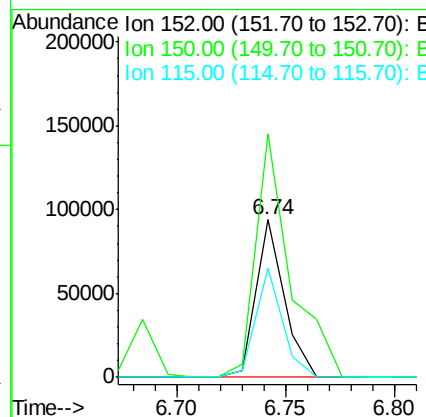
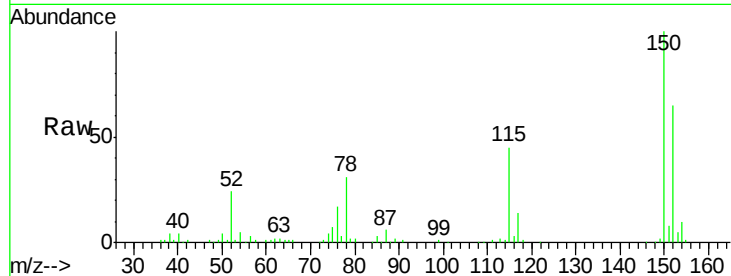
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	69.7	39.6	59.4

Manual Integrations

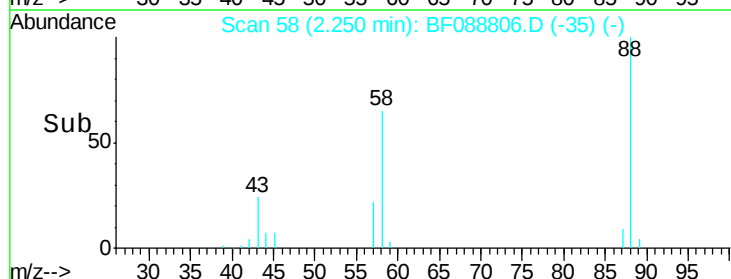
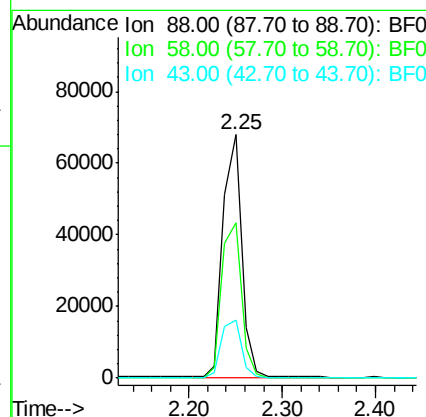
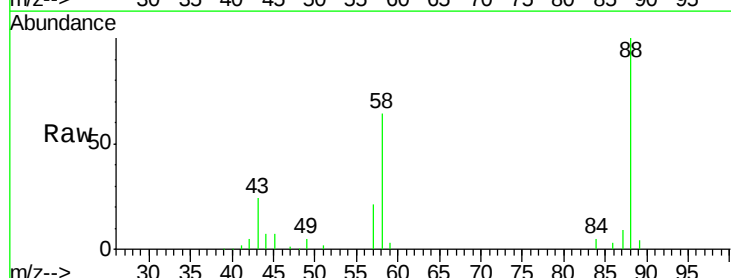
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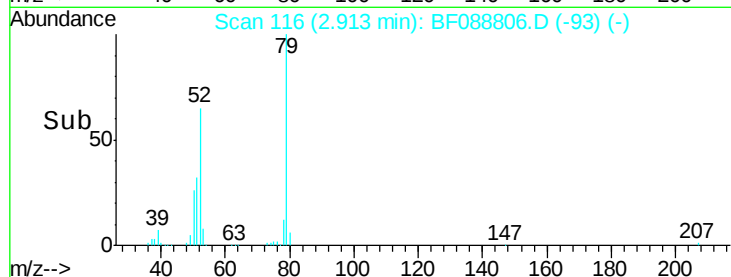
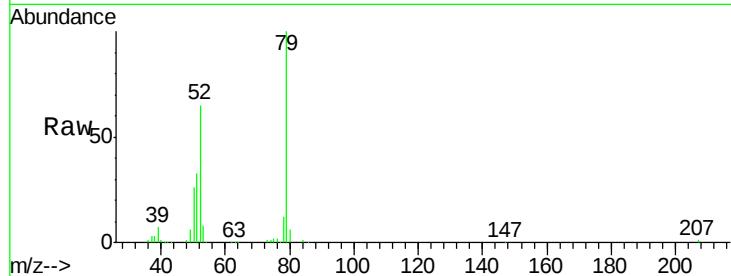
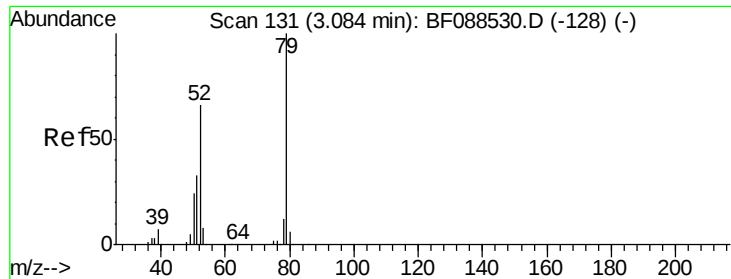


#2

1,4-Dioxane
Concen: 34.53 ng
RT: 2.25 min Scan# 58
Delta R.T. -0.03 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

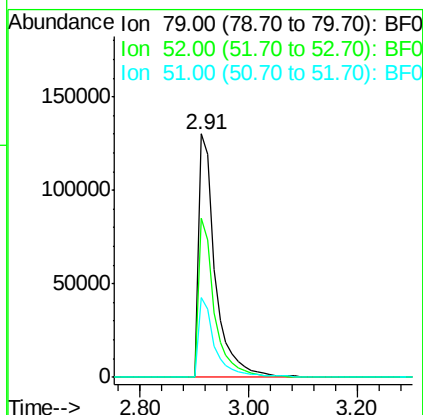
Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	0.0	0.0
43	24.9	3.4	5.2





#3
 Pvridine
 Concen: 33.59 ng
 RT: 2.91 min Scan# 116
 Delta R.T. -0.03 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

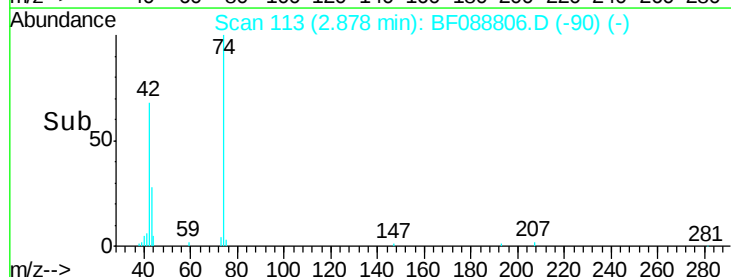
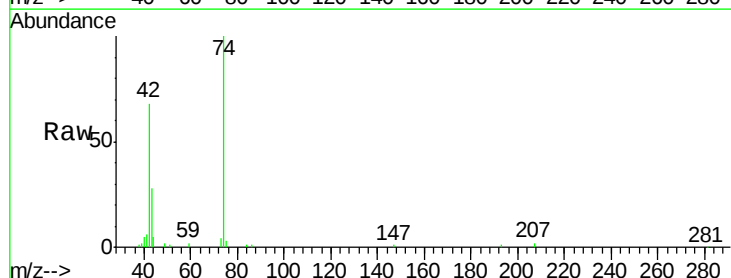
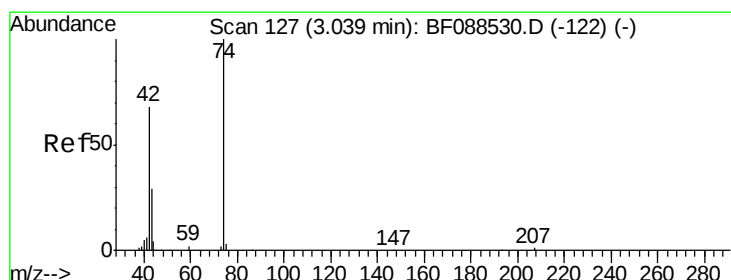
Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	65.4	56.3	84.5
51	51	32.8	27.4	41.2



Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

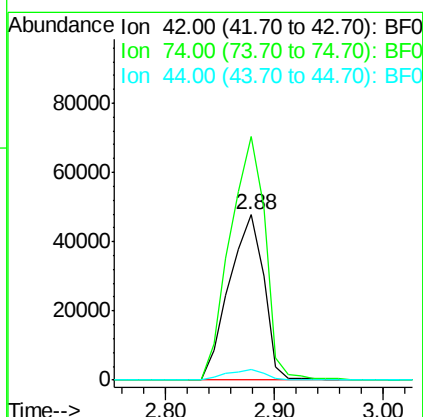
Manual Integrations

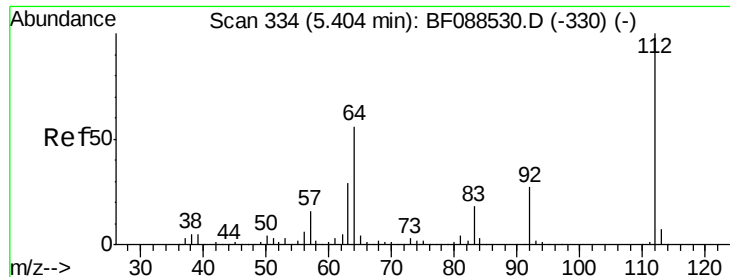
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#4
 n-Nitrosodimethylamine
 Concen: 33.93 ng
 RT: 2.88 min Scan# 113
 Delta R.T. -0.03 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	147.5	108.6	163.0
44	44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 75.52 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

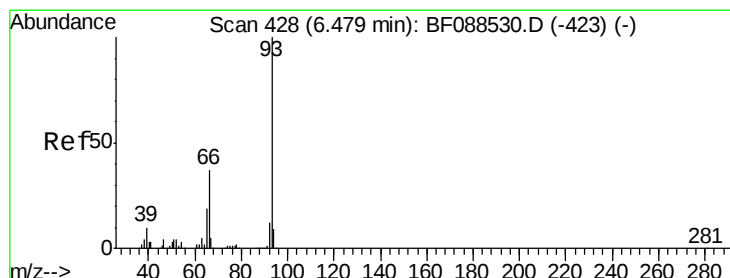
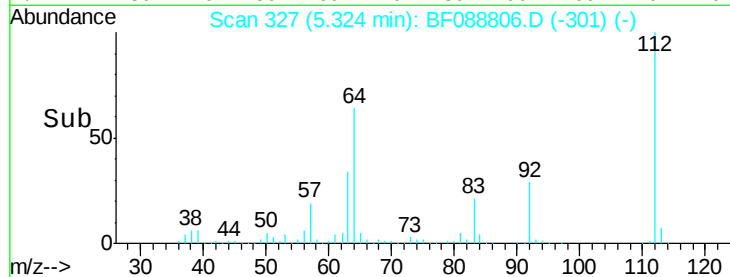
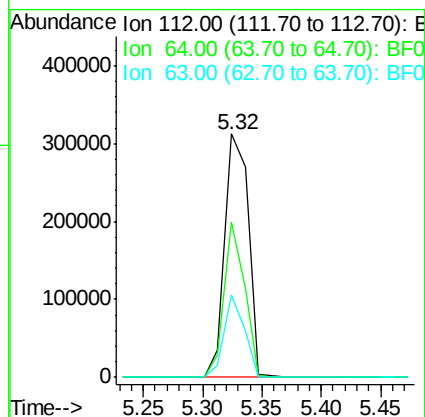
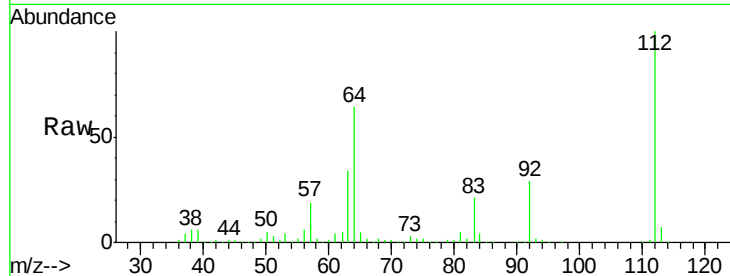
SSTDCCC040

Tot Ion:	112	Resp:	427489
Ion Ratio	Lower	Upper	
112	100		
64	63.6	42.2	63.2#
63	33.7	21.8	32.8#

Manual Integrations

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#6

Aniline

Concen: 36.63 ng

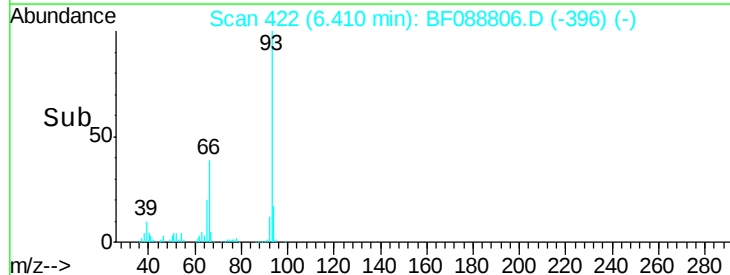
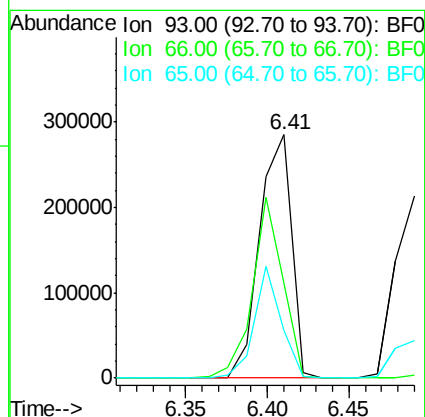
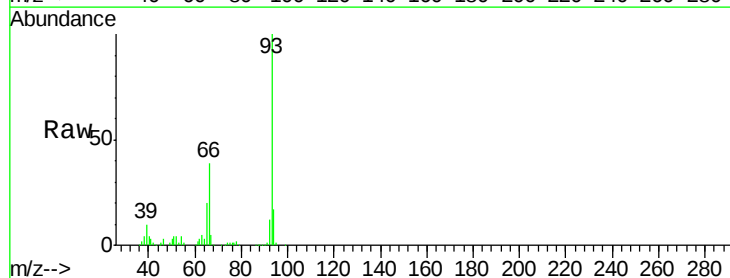
RT: 6.41 min Scan# 422

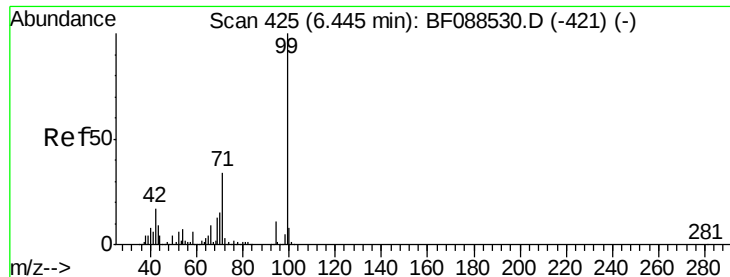
Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Tgt Ion:	93	Resp:	390425
Ion Ratio	Lower	Upper	
93	100		
66	38.9	29.8	44.8
65	19.6	14.9	22.3





#7

Phenol-d6

Concen: 71.45 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 522571

Ion Ratio Lower Upper

99 100

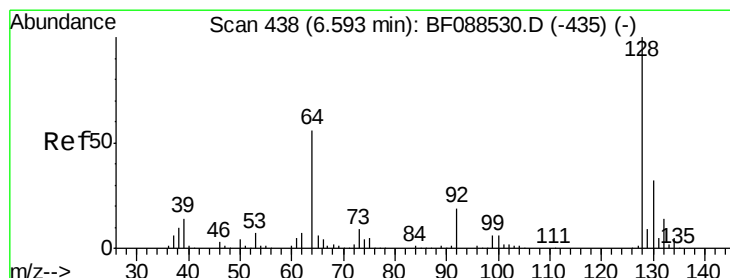
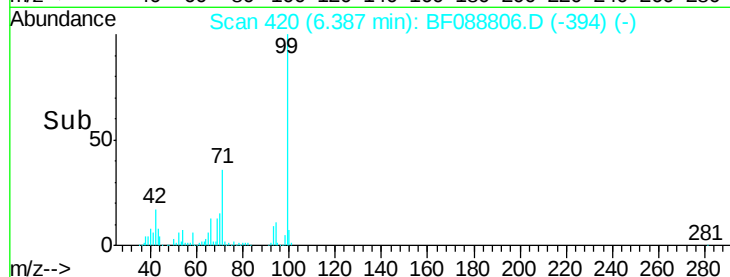
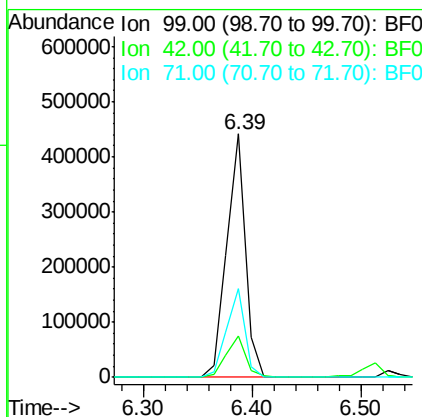
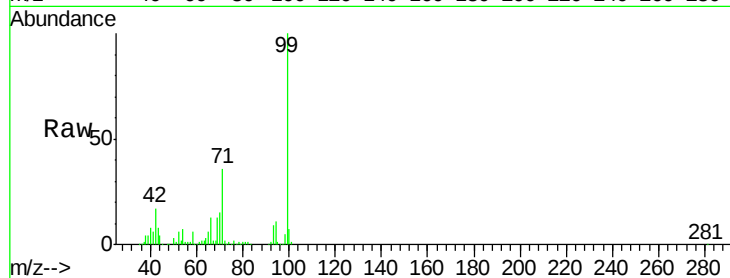
42 17.0 12.2 18.2

71 36.3 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 37.51 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

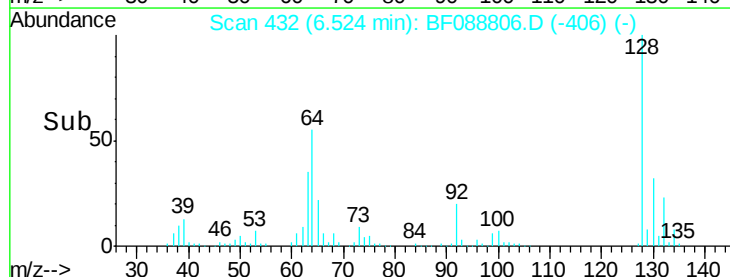
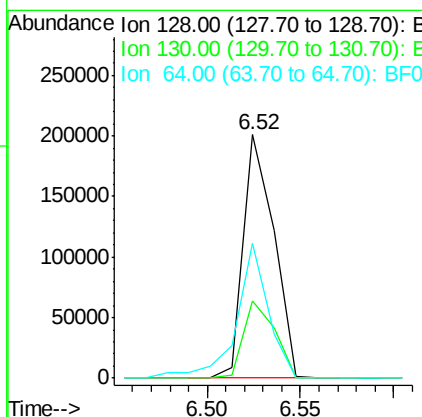
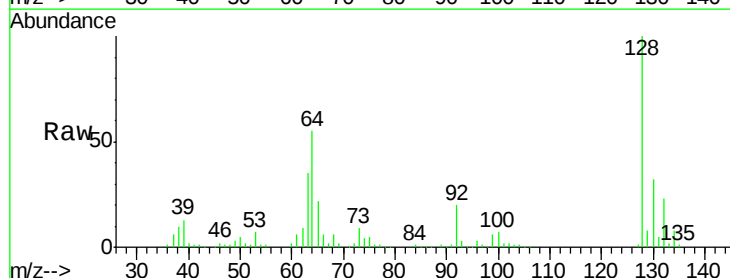
Tgt Ion: 128 Resp: 228224

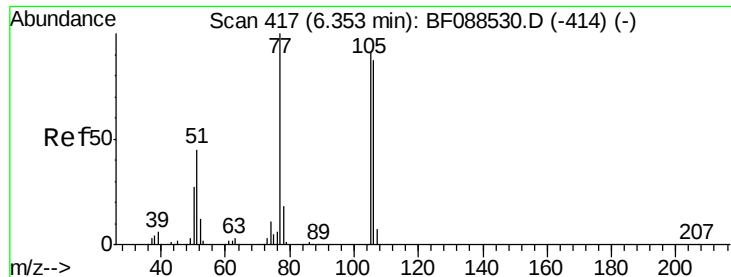
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 55.2 30.8 70.8





#9

Benzaldehyde

Concen: 32.58 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 161393

Ion Ratio Lower Upper

77 100

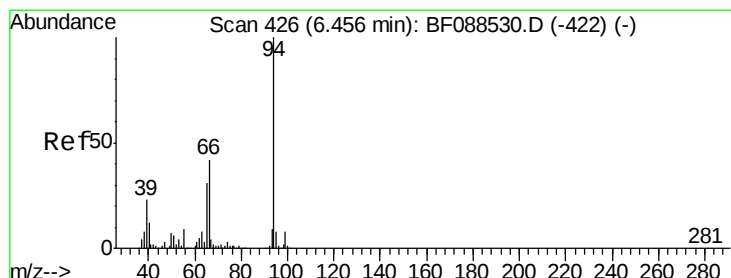
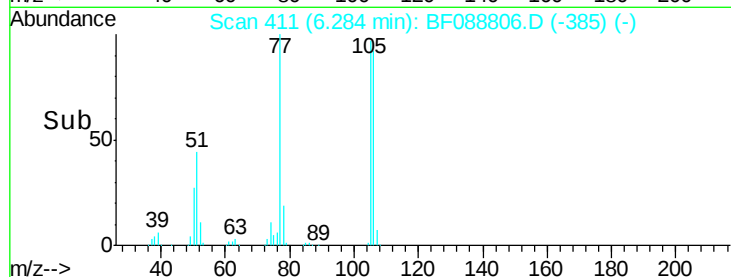
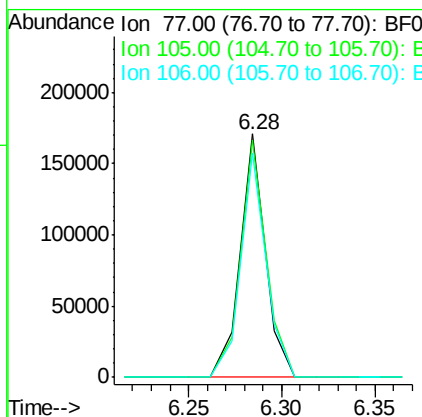
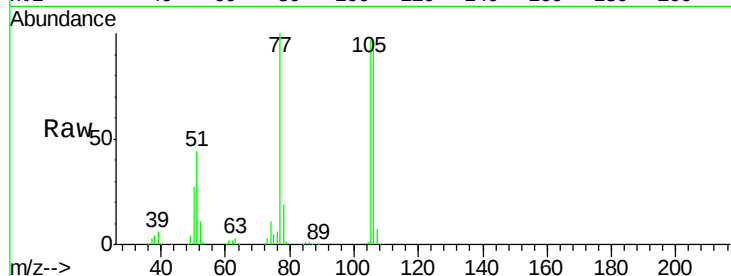
105 97.5 90.6 130.6

106 92.1 85.3 125.3

Manual Integrations

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#10

Phenol

Concen: 32.17 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

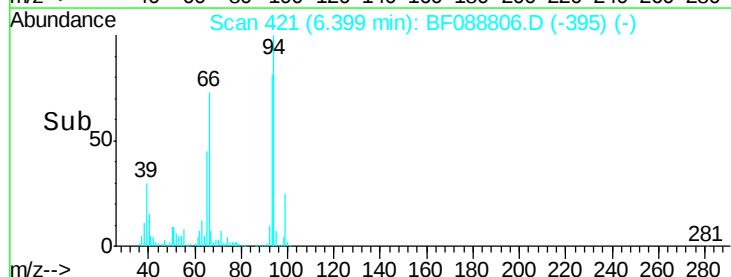
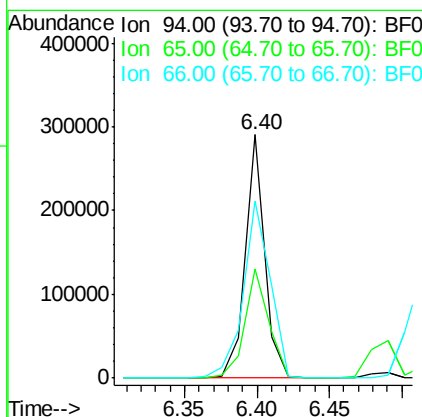
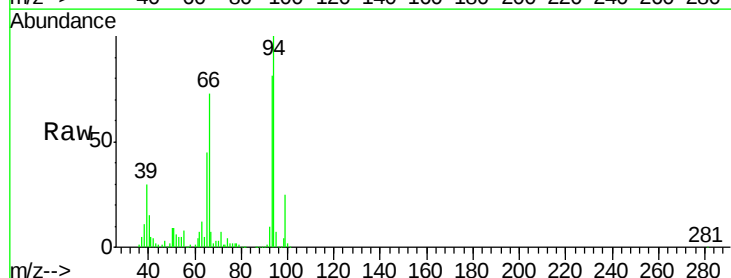
Tgt Ion: 94 Resp: 268549

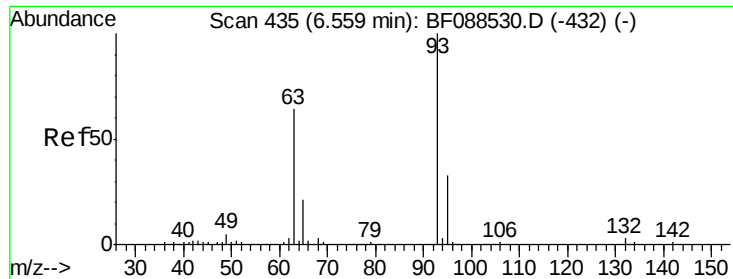
Ion Ratio Lower Upper

94 100

65 45.0 5.9 45.9

66 72.8 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 39.08 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

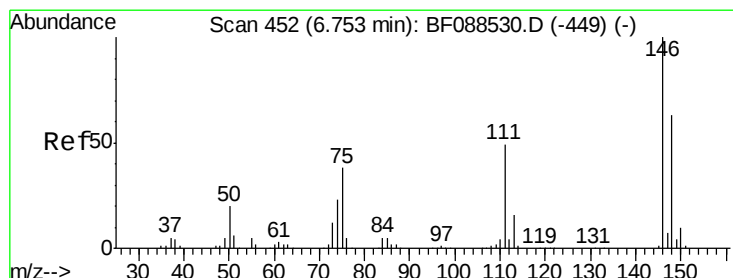
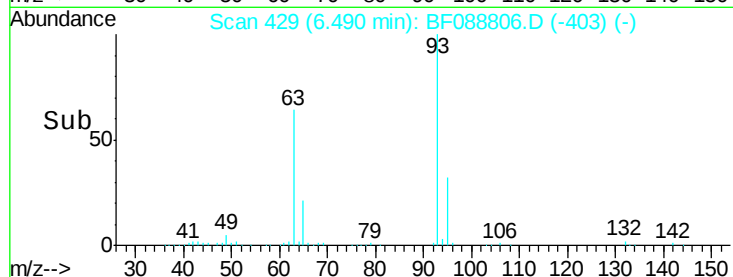
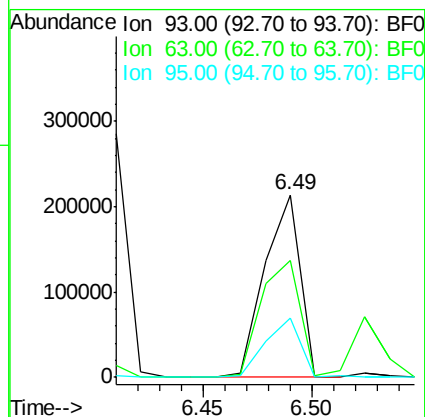
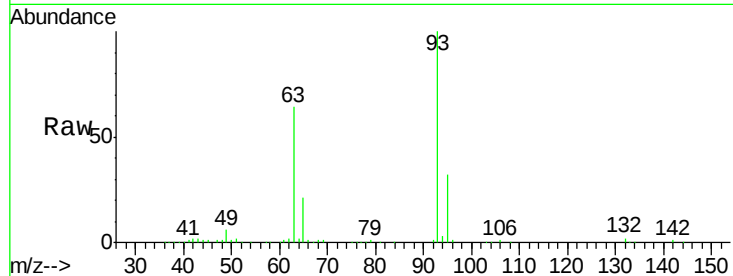
SSTDCCC040

Tot Ion:	93	Resp:	243274
Ion	Ratio	Lower	Upper
93	100		
63	64.0	67.6	107.6#
95	32.5	12.5	52.5

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 40.80 ng

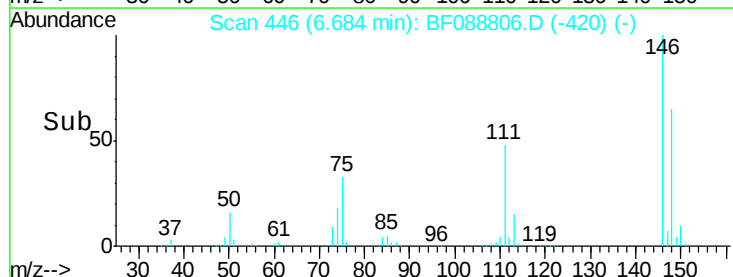
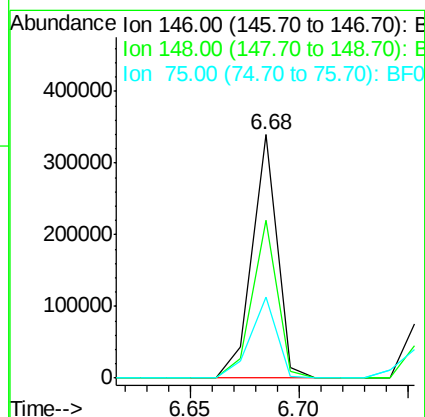
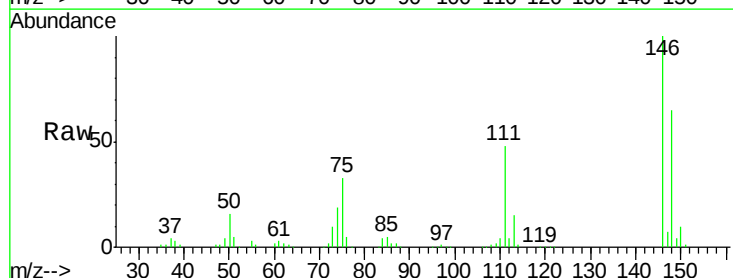
RT: 6.68 min Scan# 446

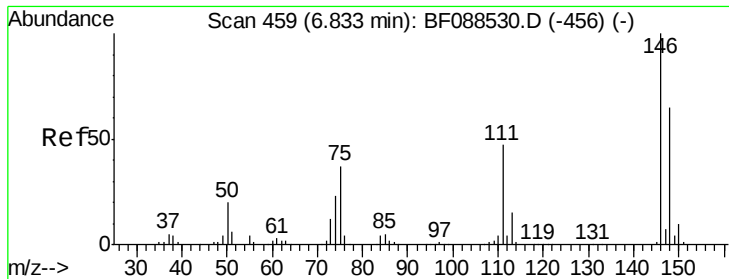
Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Tgt Ion:	146	Resp:	273125
Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	33.1	25.6	38.4





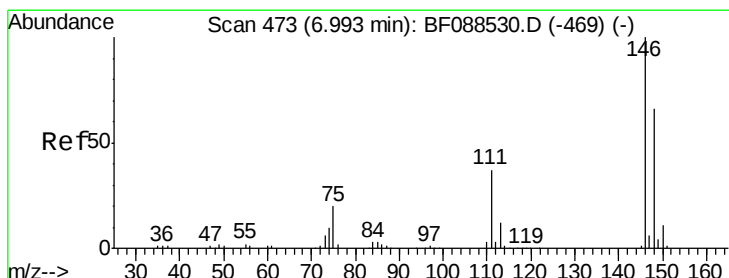
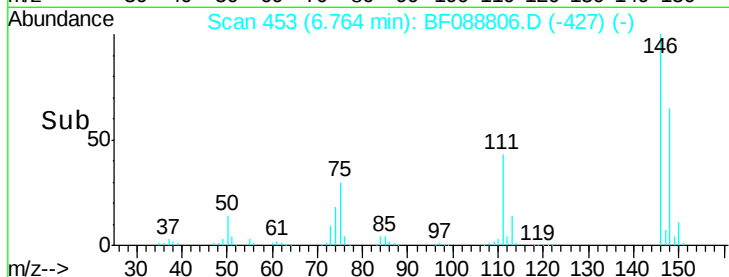
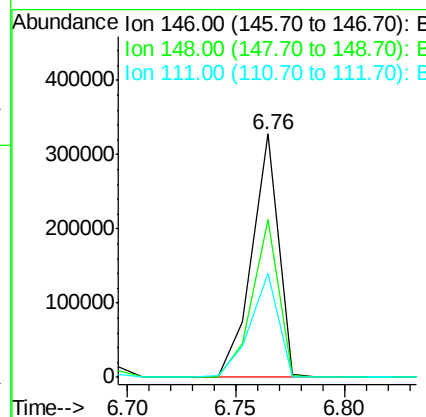
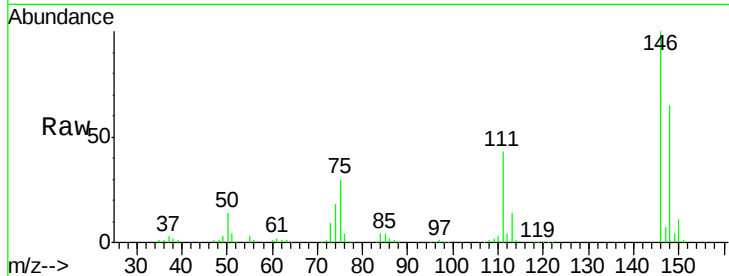
#13
 1,4-Dichlorobenzene
 Concen: 42.04 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	42.6	33.8	50.8

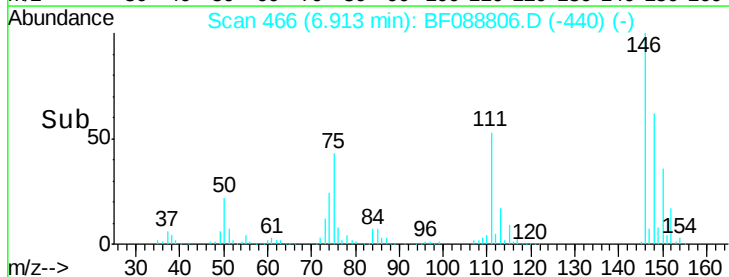
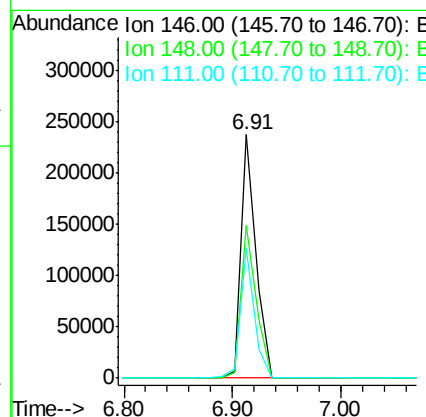
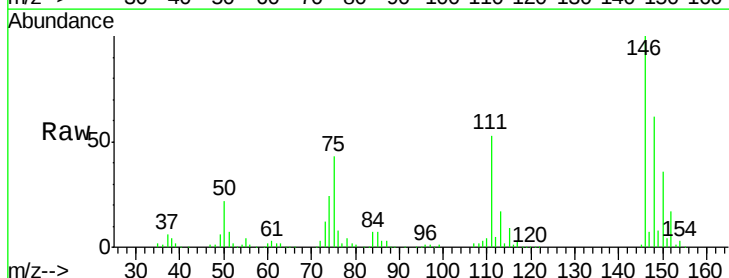
Manual Integrations

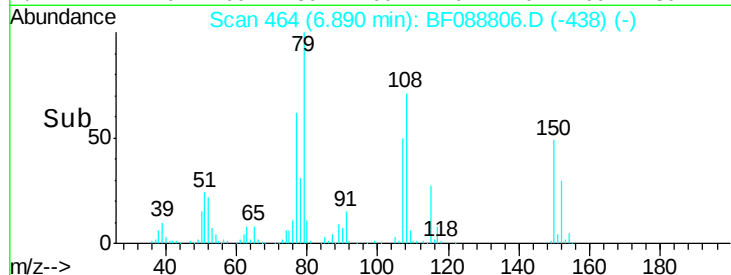
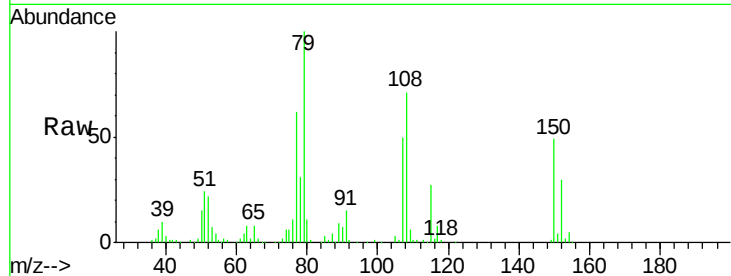
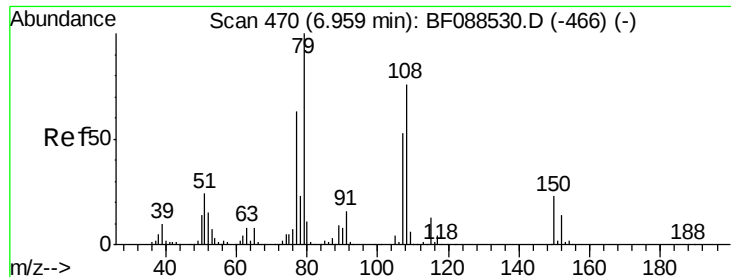
umangi
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#14
 1,2-Dichlorobenzene
 Concen: 36.39 ng m
 RT: 6.91 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.3	78.5
111	53.5	28.7	43.1#





#15

Benzyl Alcohol

Concen: 35.54 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Tot Ion:	79	Resp:	191313
Ion Ratio	Lower	Upper	
79	100		
108	70.6	65.0	97.6
77	62.5	50.3	75.5

Instrument :

BNA_F

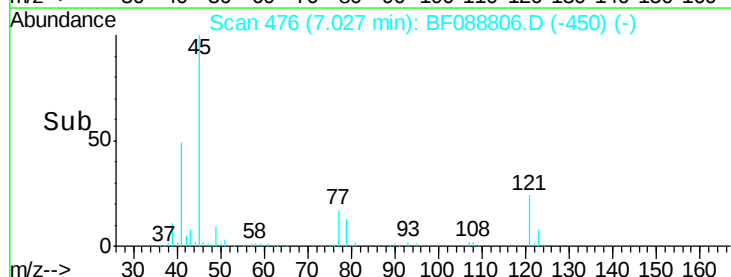
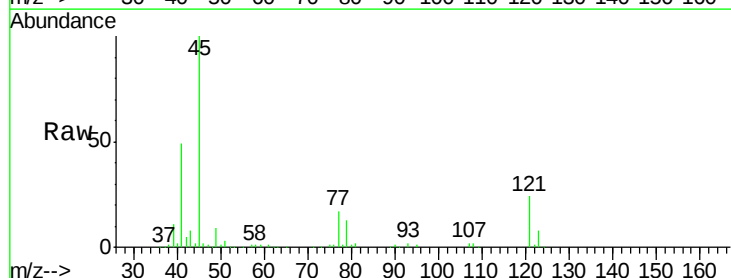
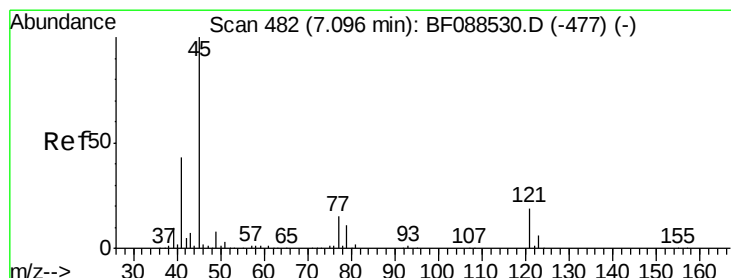
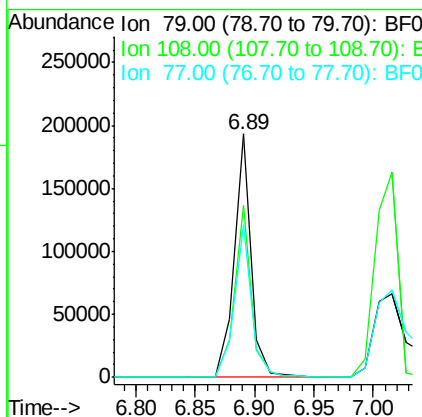
ClientSampled :

SSTDCCC040

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.18 ng

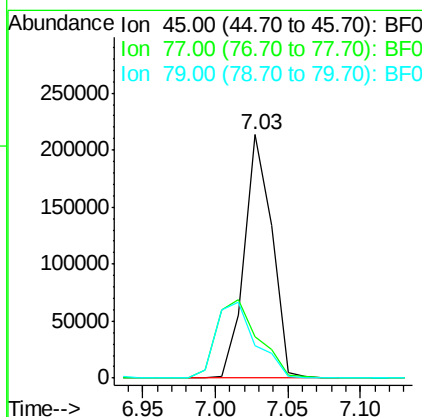
RT: 7.03 min Scan# 476

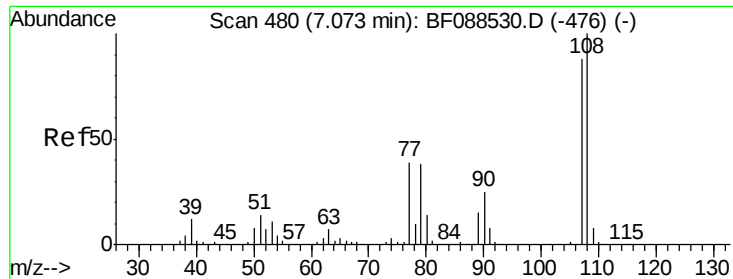
Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Tgt Ion:	45	Resp:	281061
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	32.5
79	13.2	0.0	29.5





#17

2-Methylphenol

Concen: 39.44 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

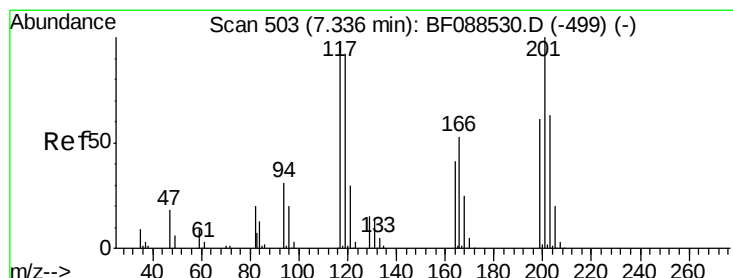
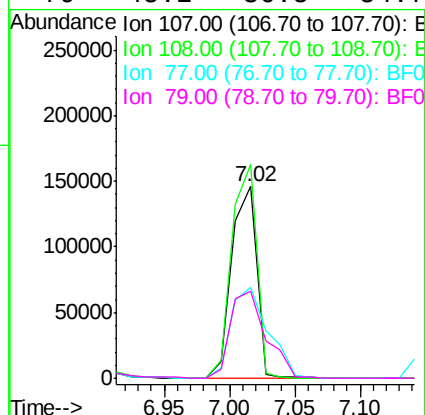
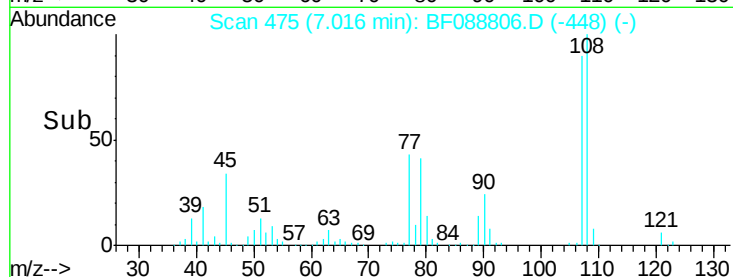
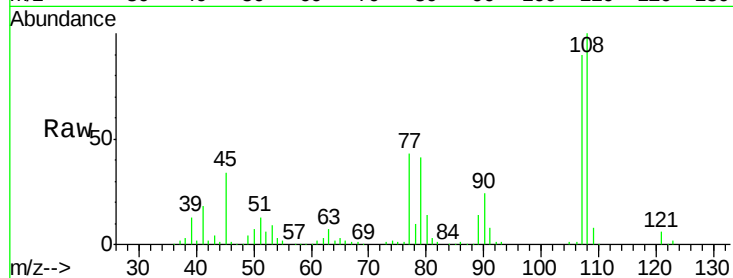
SSTDCCC040

Tot Ion:	107	Resp:	195727
Ion Ratio	Lower	Upper	
107	100		
108	111.4	90.9	136.3
77	47.5	36.6	55.0
79	45.2	36.5	54.7

Manual Integrations

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#18

Hexachloroethane

Concen: 30.95 ng

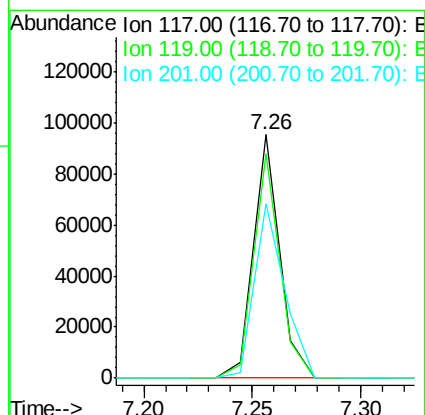
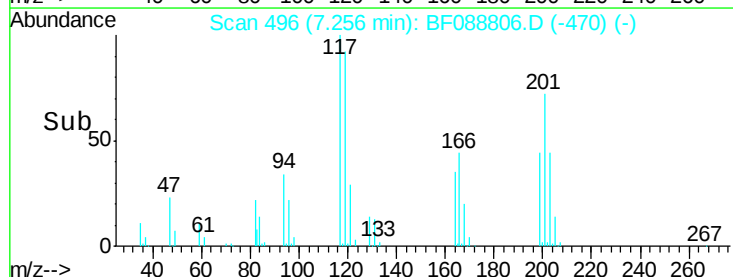
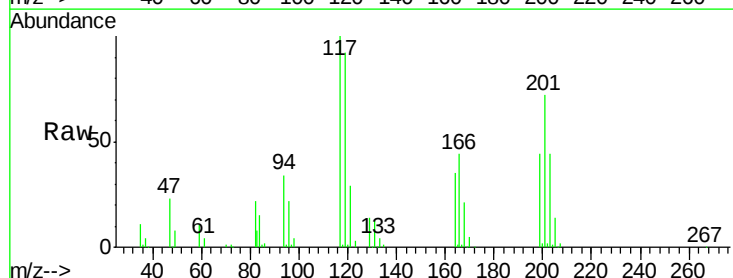
RT: 7.26 min Scan# 496

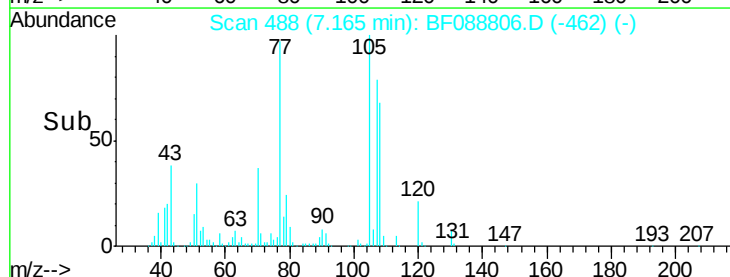
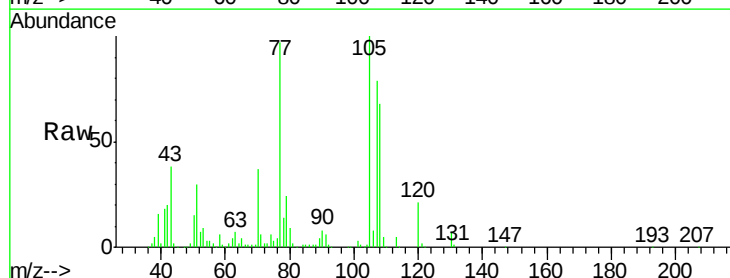
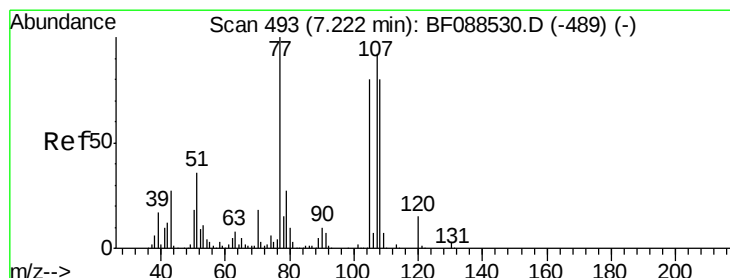
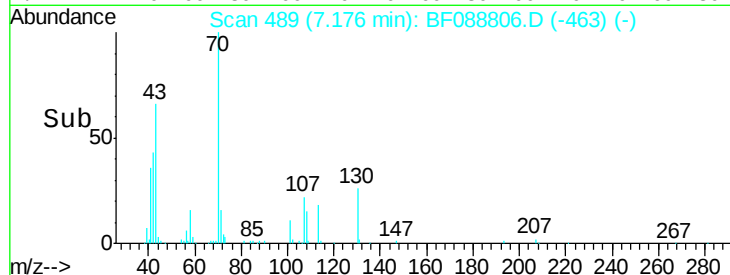
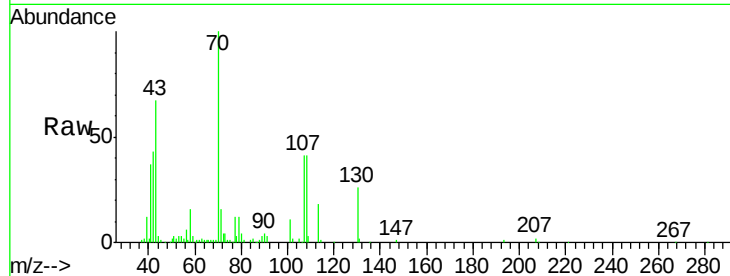
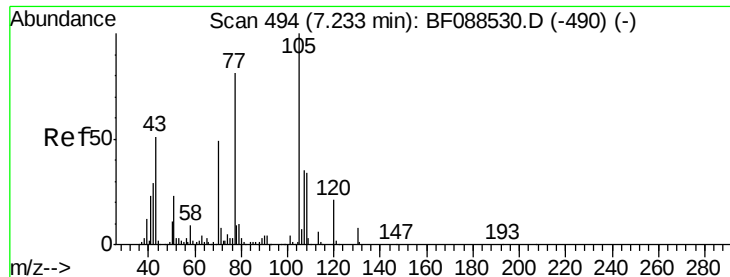
Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Tgt Ion:	117	Resp:	79555
Ion Ratio	Lower	Upper	
117	100		
119	91.9	77.4	116.2
201	71.6	80.4	120.6#

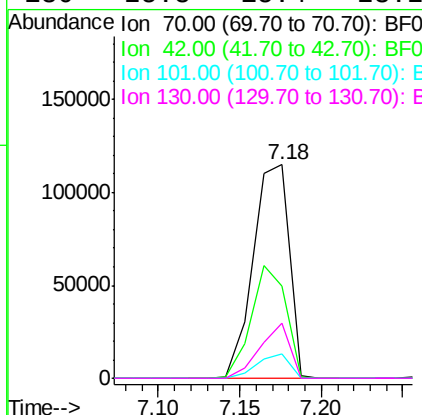




#19
n-Nitroso-di-n-propylamine
Concen: 36.01 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.0	49.6	74.4#	
101	11.2	7.1	10.7#	
130	25.8	15.4	23.2#	

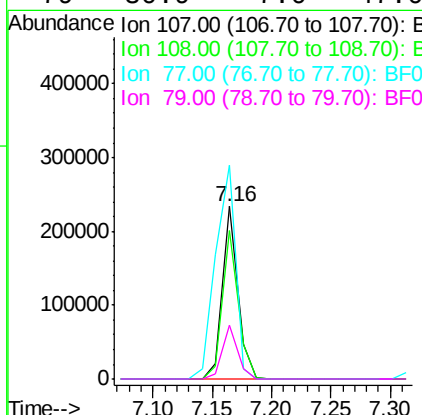


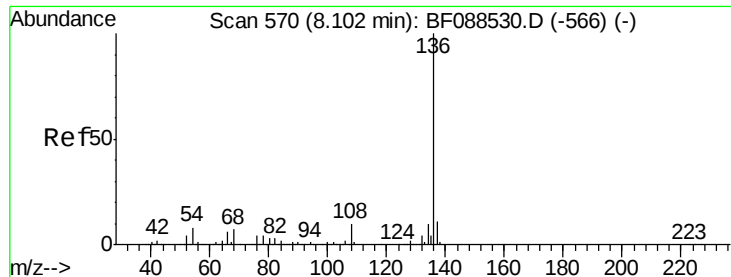
Manual Integrations

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#20
3+4-Methylphenols
Concen: 35.17 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	67.8	107.8	
77	123.8	59.3	99.3#	
79	30.9	7.0	47.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 339088

Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

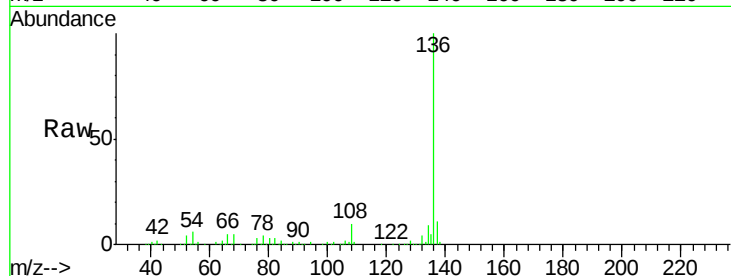
54 6.1 6.6 10.0#

68 5.0 5.1 7.7#

Manual Integrations

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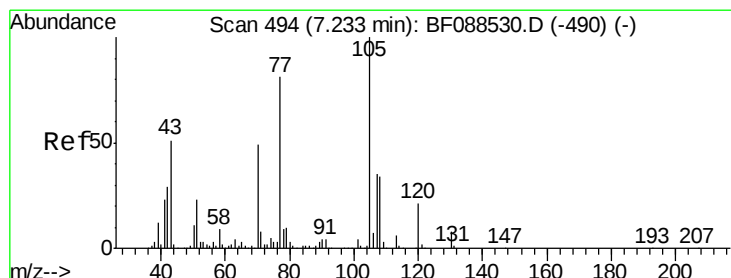
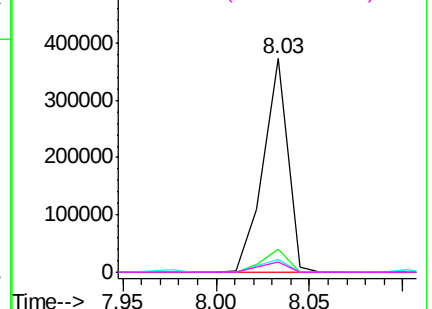
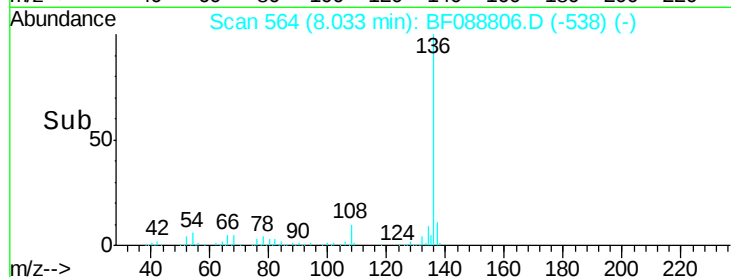


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.46 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Tgt Ion:105 Resp: 349444

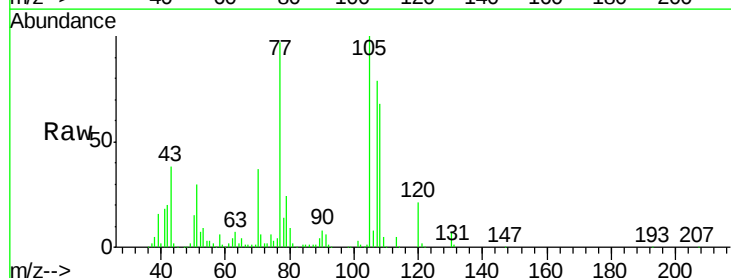
Ion Ratio Lower Upper

105 100

71 6.2 5.3 7.9

51 29.7 18.2 27.4#

120 20.6 18.0 27.0

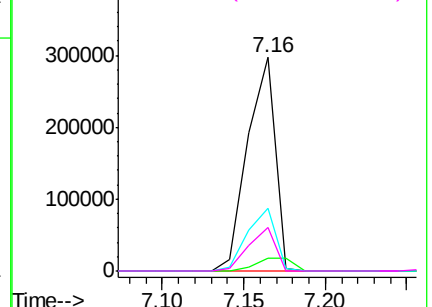
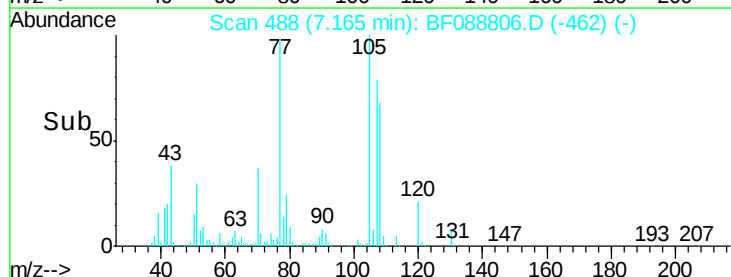


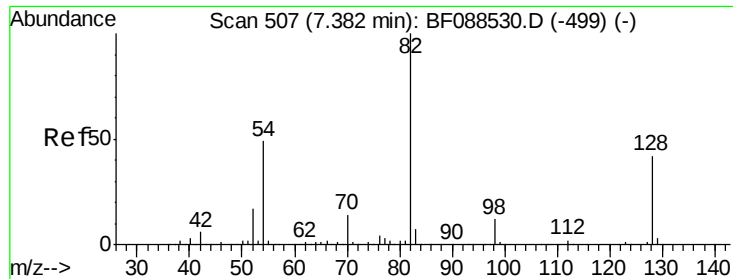
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





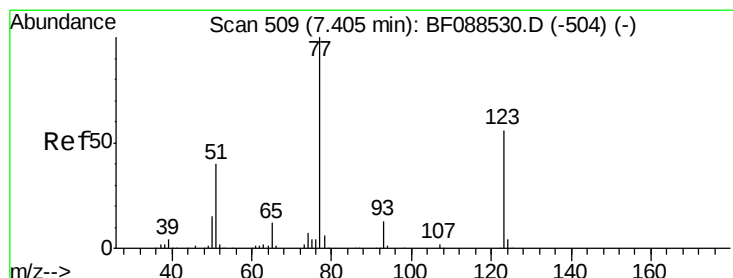
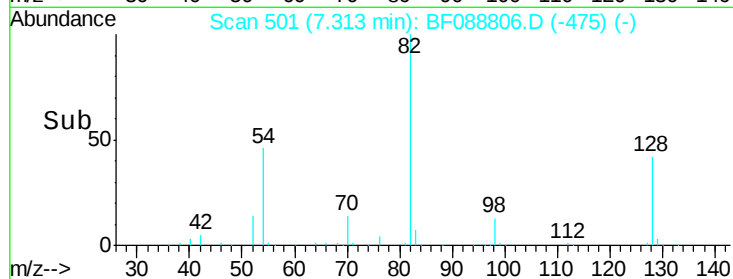
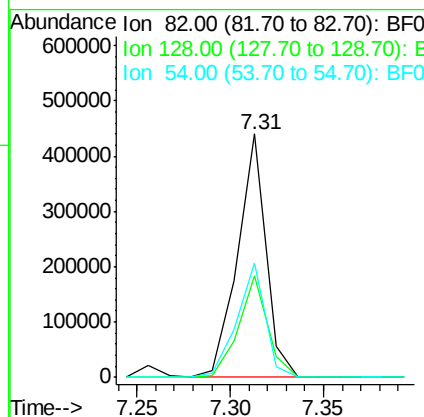
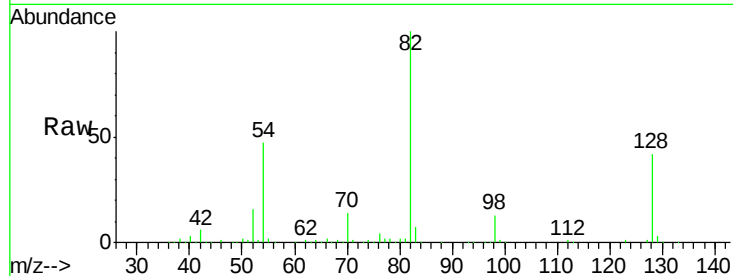
#23
Nitrobenzene-d5
Concen: 72.66 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	470141
Ion Ratio	100	Lower	Upper
82	100		
128	41.5	35.9	53.9
54	46.8	40.9	61.3

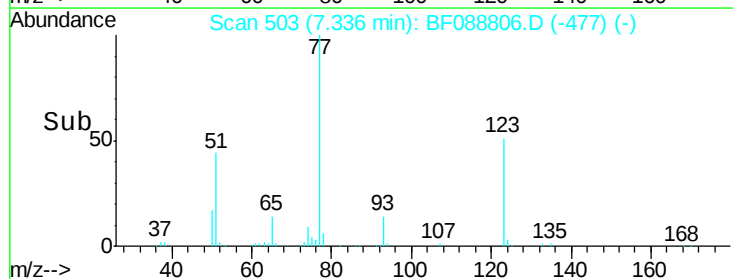
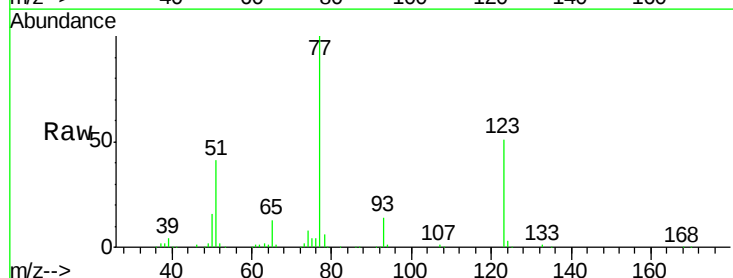
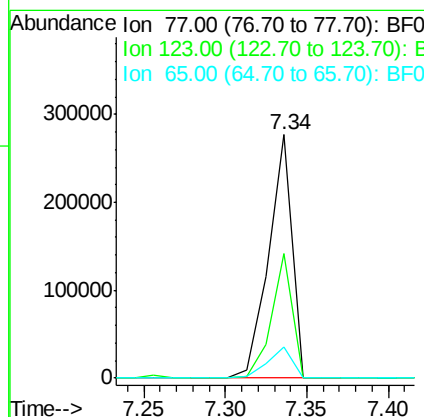
Manual Integrations

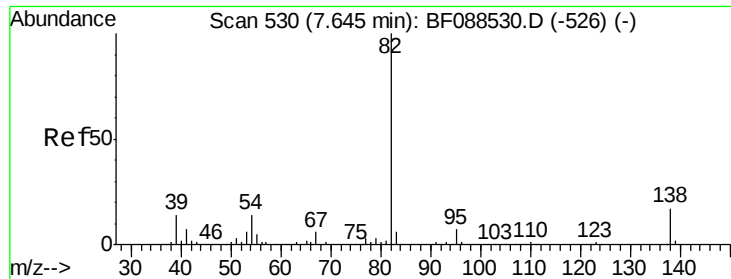
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#24
Nitrobenzene
Concen: 42.39 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	77	Resp	276522
Ion Ratio	100	Lower	Upper
77	100		
123	51.2	45.0	67.4
65	12.6	10.2	15.2





#25

Isophorone

Concen: 38.18 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

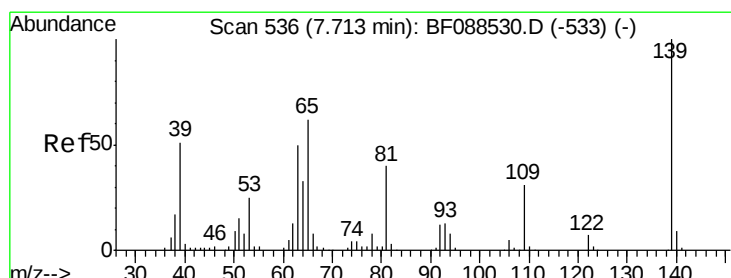
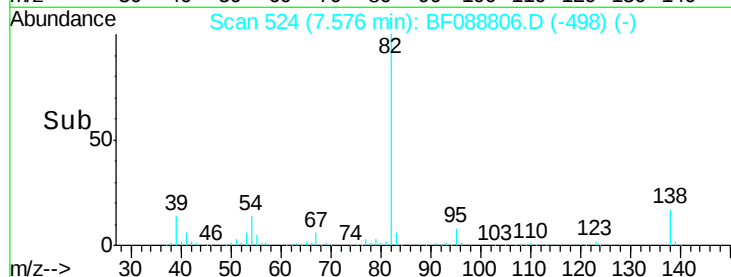
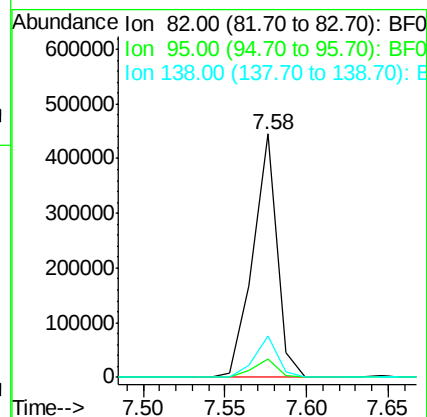
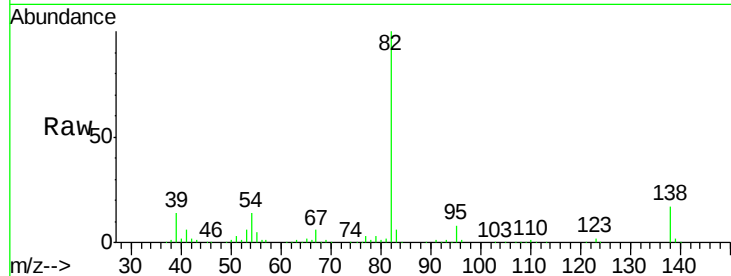
SSTDCCC040

Tot Ion:	82	Resp:	457656
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.4	8.2
138	17.2	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 35.27 ng

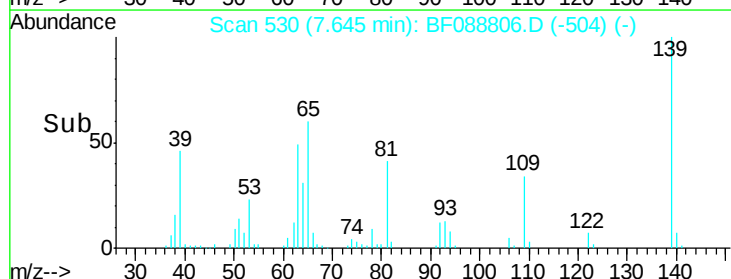
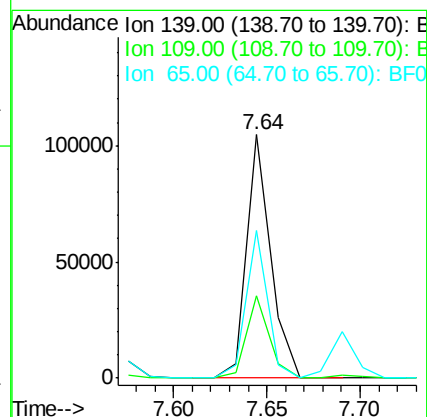
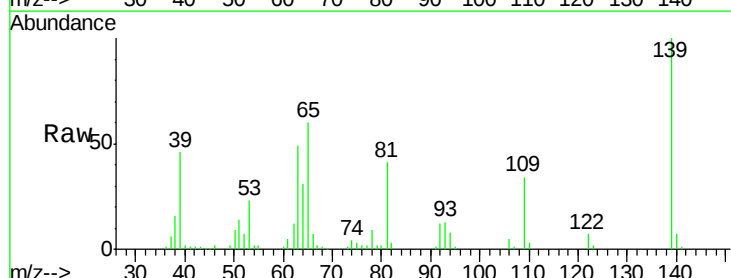
RT: 7.64 min Scan# 530

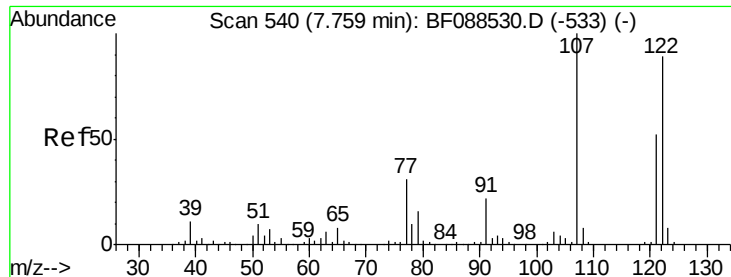
Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Tgt Ion:	139	Resp:	94362
Ion Ratio	Lower	Upper	
139	100		
109	33.6	23.0	34.4
65	60.4	45.8	68.8





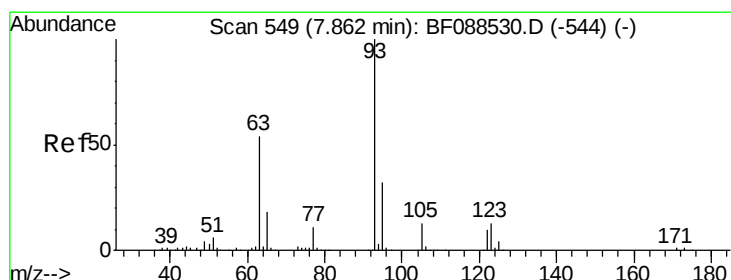
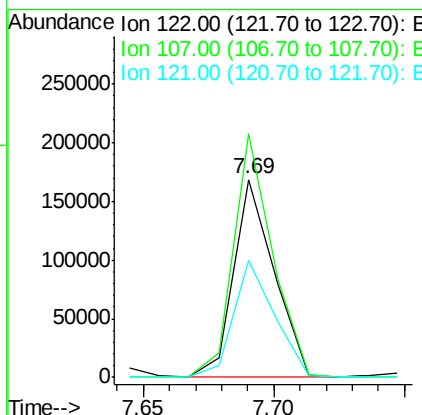
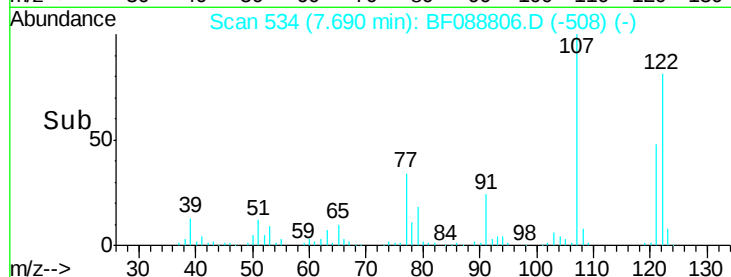
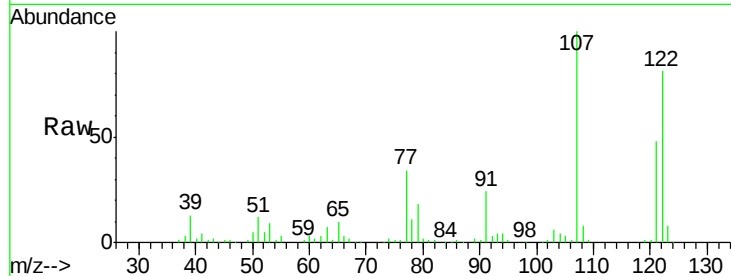
#27
2,4-Dimethylphenol
Concen: 32.71 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		182287		
107	123.1	82.4	123.6		
121	59.4	46.3	69.5		

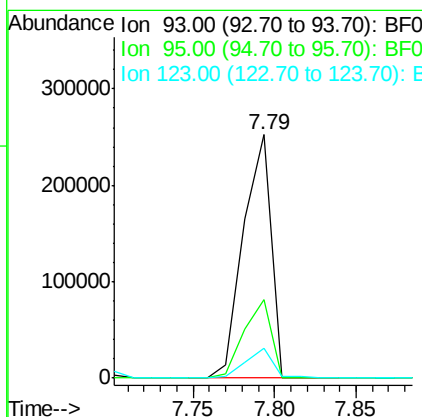
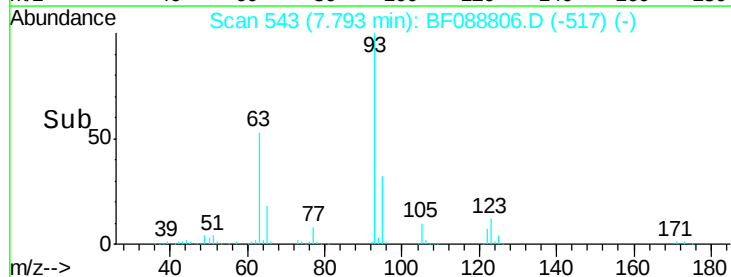
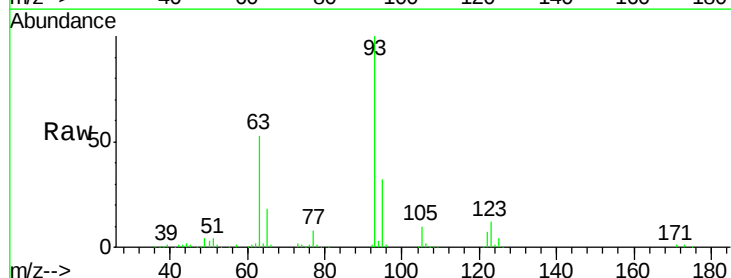
Manual Integrations

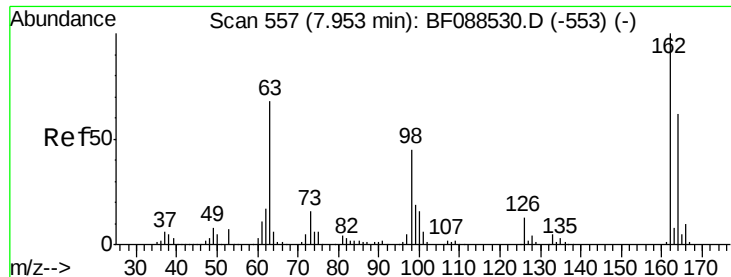
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#28
bis(2-Chloroethoxy)methane
Concen: 37.95 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		296001		
95	32.4	26.5	39.7		
123	12.2	11.6	17.4		





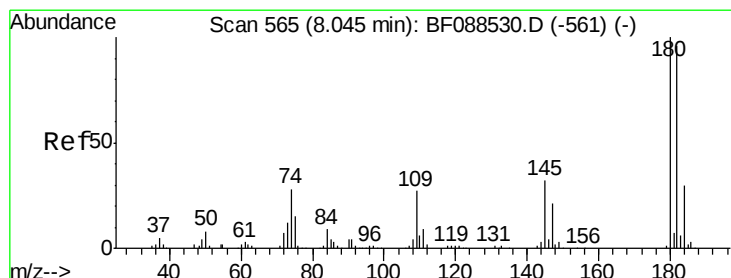
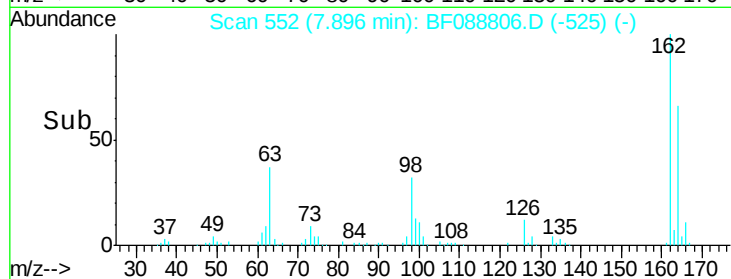
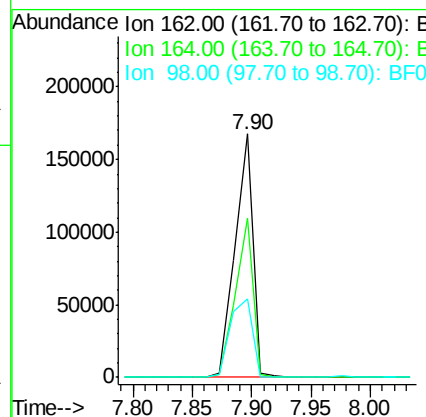
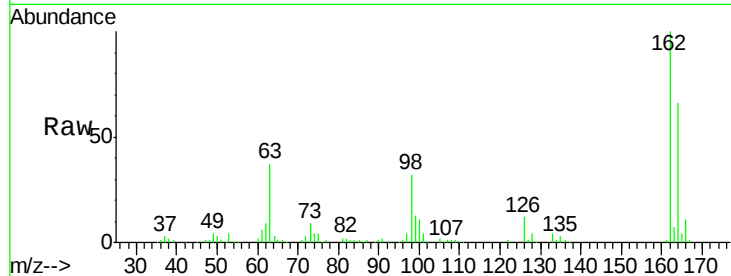
#29
 2,4-Dichlorophenol
 Concen: 39.01 ng
 RT: 7.90 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	175686
Ion Ratio	Lower	Upper	
162	100		
164	65.5	43.8	83.8
98	32.2	21.3	61.3

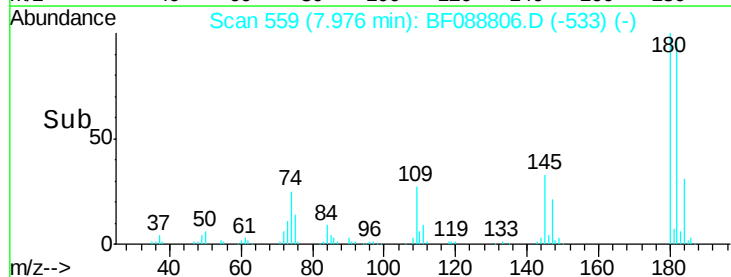
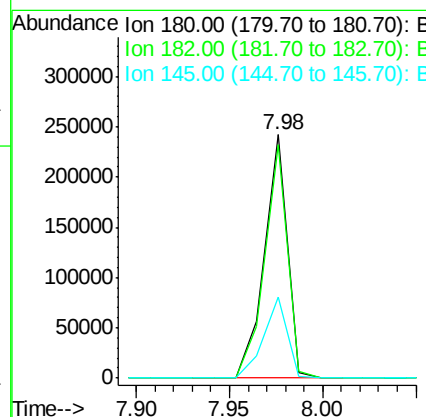
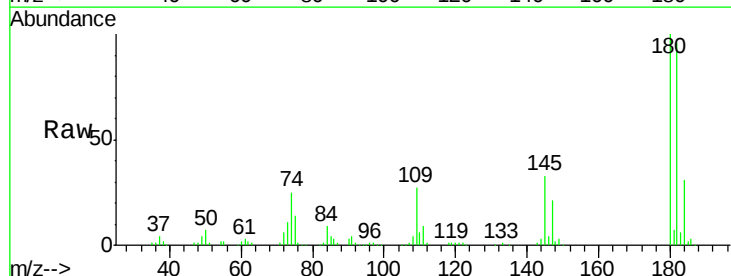
Manual Integrations

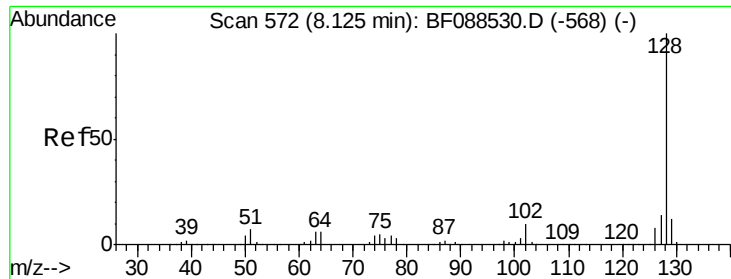
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.35 ng
 RT: 7.98 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion:	180	Resp:	209303
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.0	114.0
145	33.3	26.5	39.7





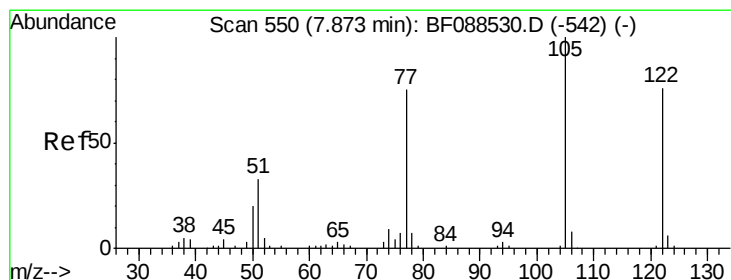
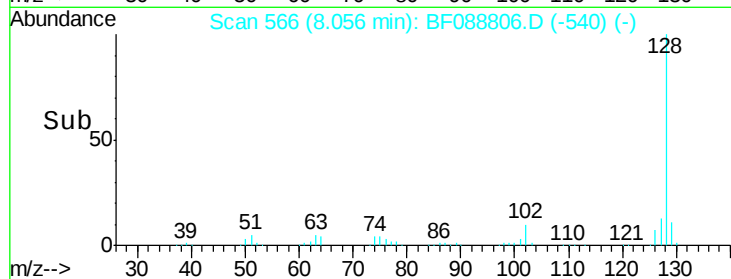
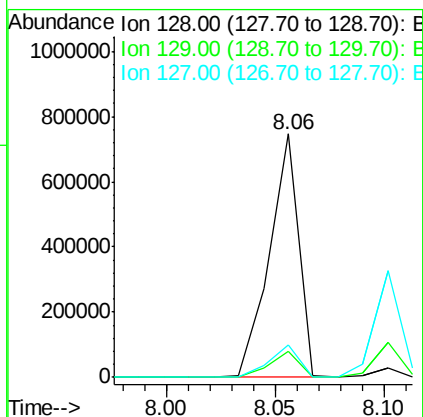
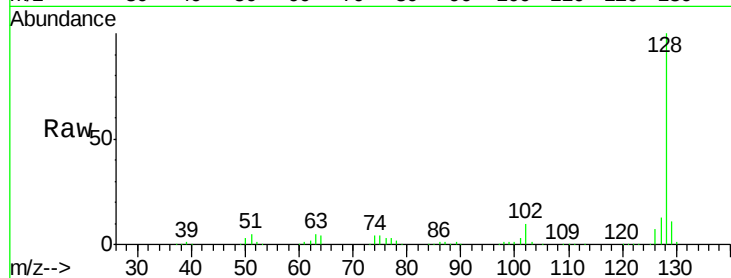
#31
Naphthalene
Concen: 42.18 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.5	10.9	16.3

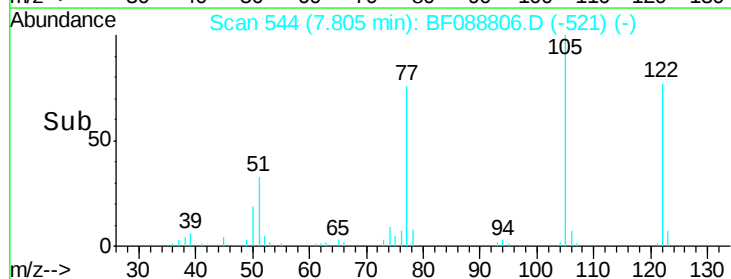
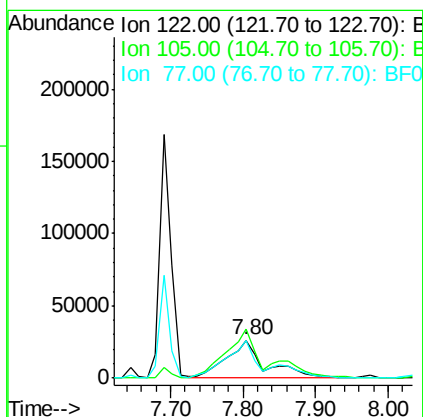
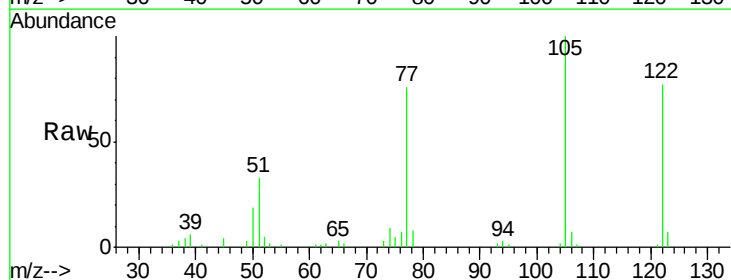
Manual Integrations

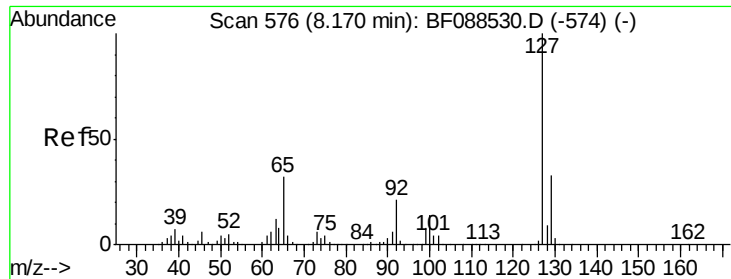
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#32
Benzoic acid
Concen: 24.44 ng m
RT: 7.80 min Scan# 544
Delta R.T. -0.03 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.3	101.6	141.6
77	99.3	70.6	110.6





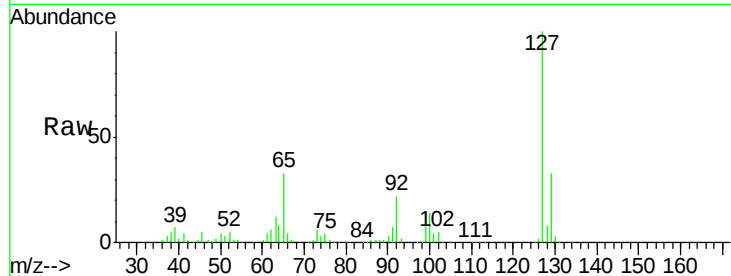
#33
4-Chloroaniline
Concen: 36.74 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

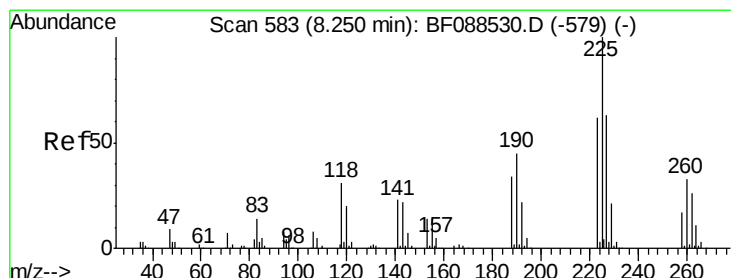
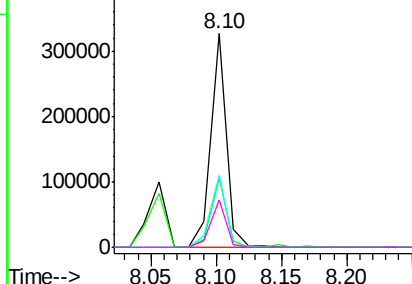
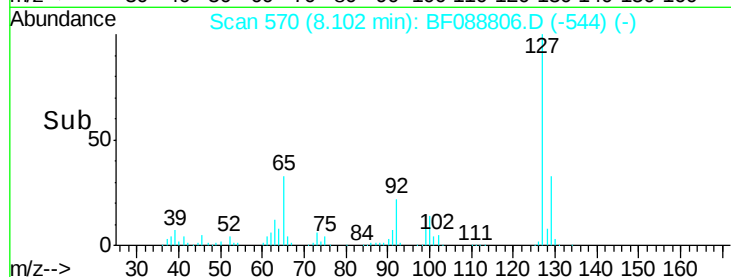
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		273255		
129	32.6	26.3	39.5		
65	33.4	24.7	37.1		
92	22.0	15.4	23.0		

Manual Integrations

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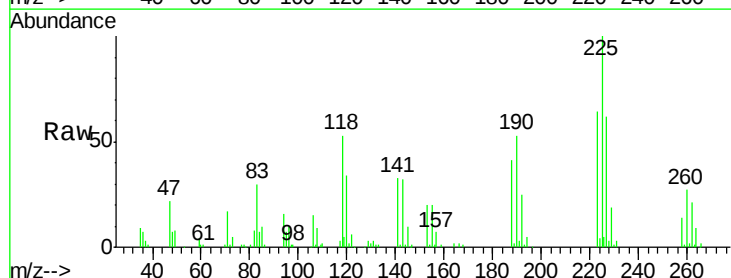


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

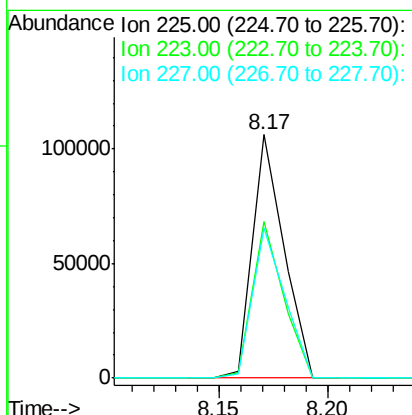
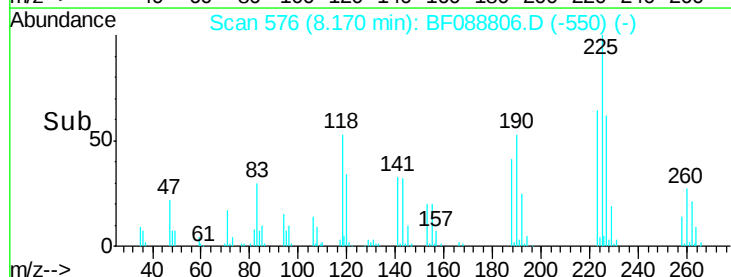


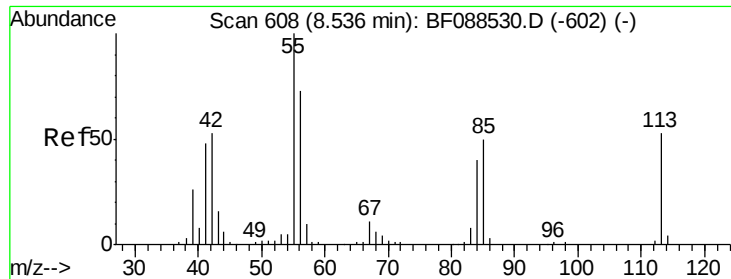
#34
Hexachlorobutadiene
Concen: 40.35 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		106761		
223	64.4	50.9	76.3		
227	61.5	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





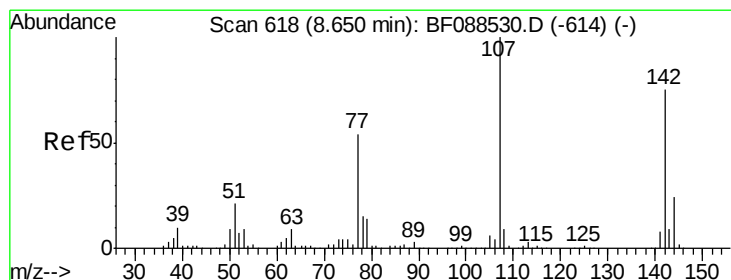
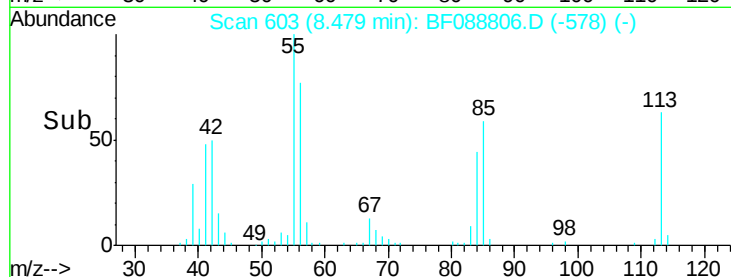
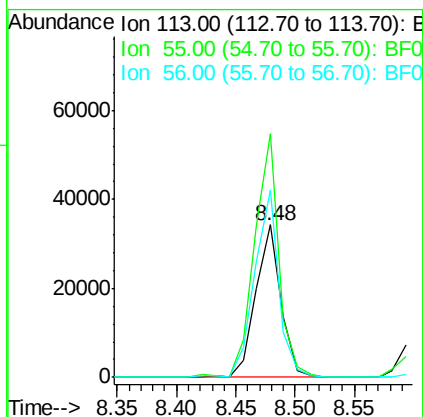
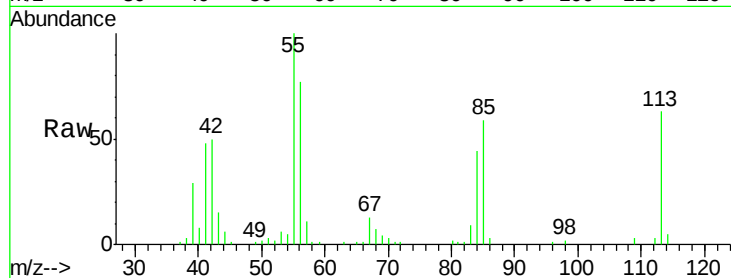
#35
Caprolactam
Concen: 33.35 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 51004
Ion Ratio Lower Upper
113 100
55 159.7 158.6 198.6
56 122.6 110.6 150.6

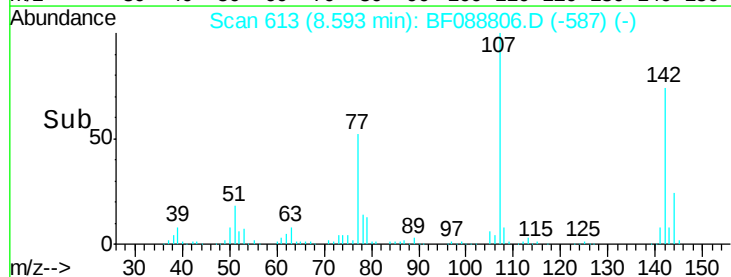
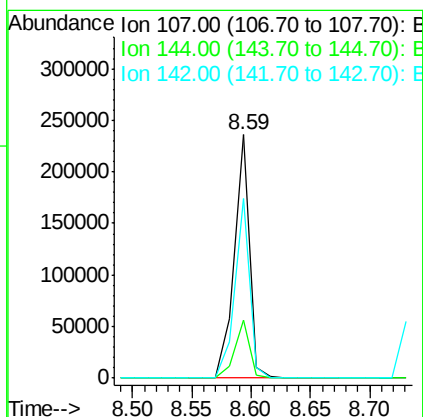
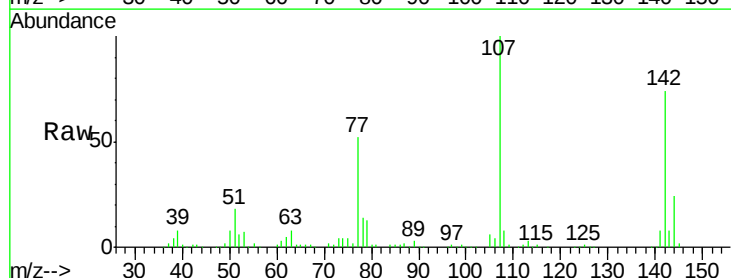
Manual Integrations

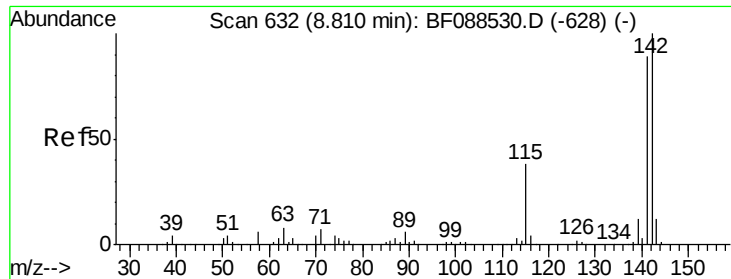
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#36
4-Chloro-3-methylphenol
Concen: 39.55 ng
RT: 8.59 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion:107 Resp: 210615
Ion Ratio Lower Upper
107 100
144 24.1 20.8 31.2
142 74.0 63.4 95.2





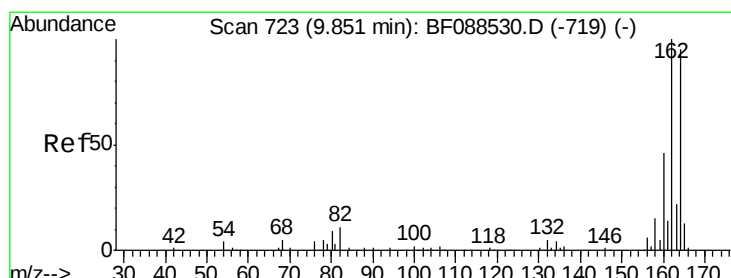
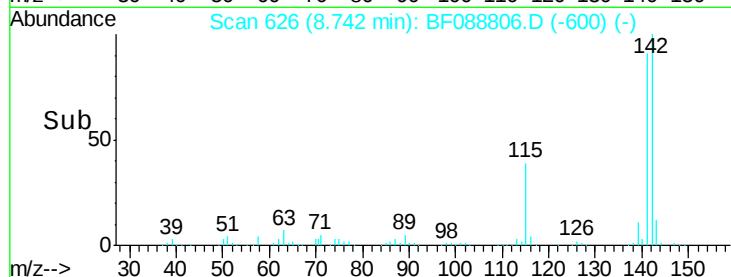
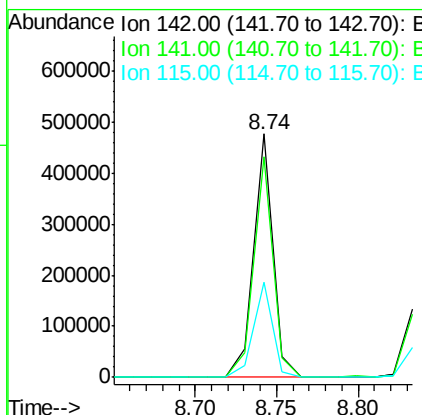
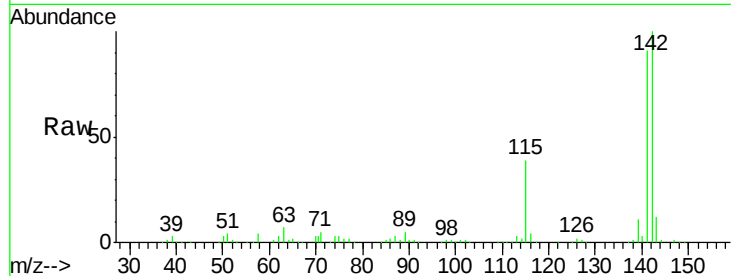
#37
2-Methylnaphthalene
Concen: 36.71 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 395178
Ion Ratio Lower Upper
142 100
141 90.6 71.0 106.6
115 39.0 22.6 33.8#

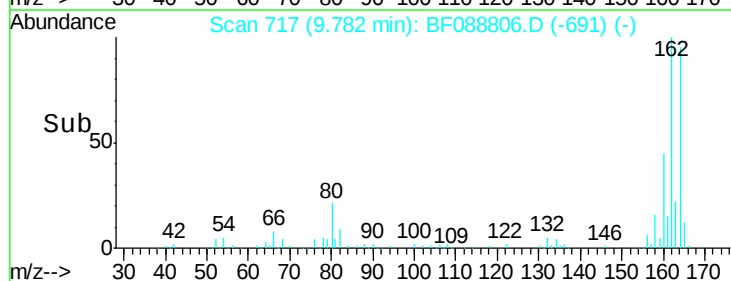
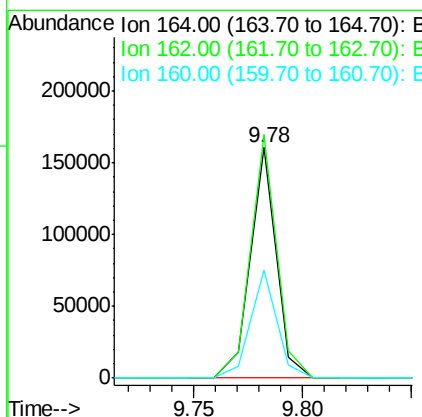
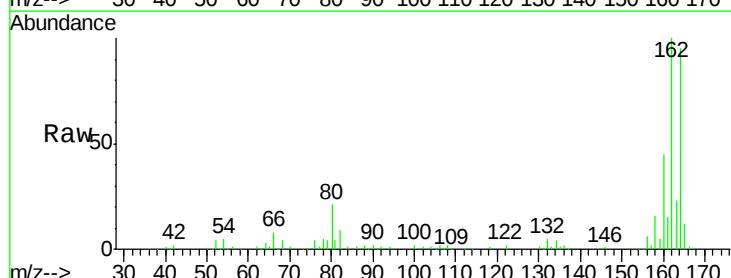
Manual Integrations

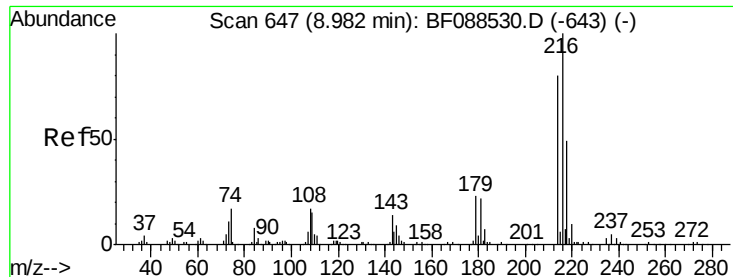
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion:164 Resp: 132129
Ion Ratio Lower Upper
164 100
162 105.7 85.4 128.2
160 47.1 39.5 59.3





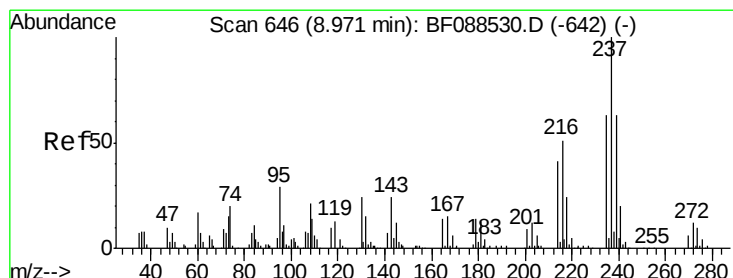
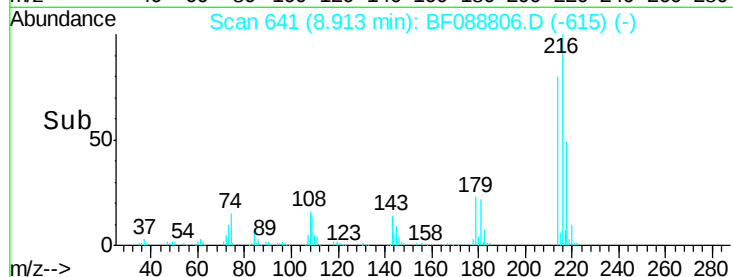
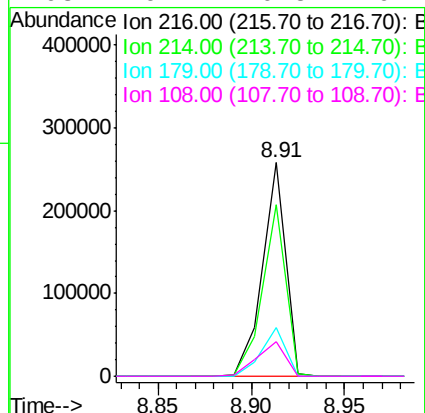
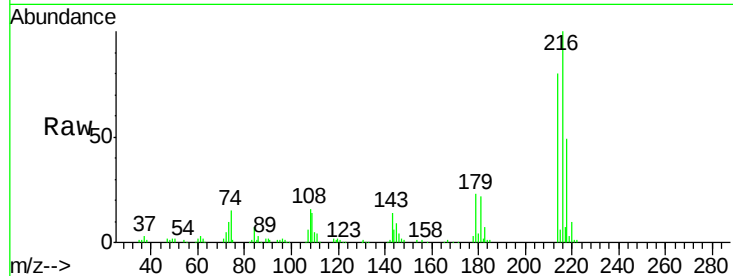
#39
1,2,4,5-Tetrachlorobenzene
Concen: 50.37 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.2	2.9	4.3#
179	23.9	0.0	0.0#
108	19.1	0.5	0.7#

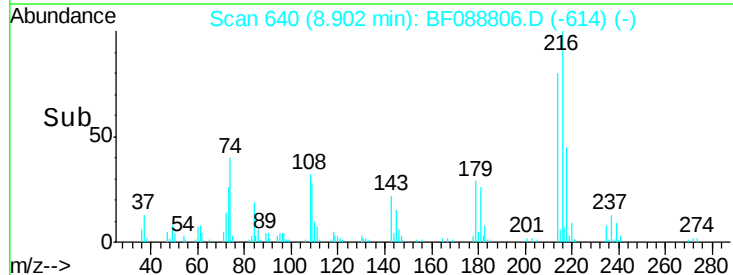
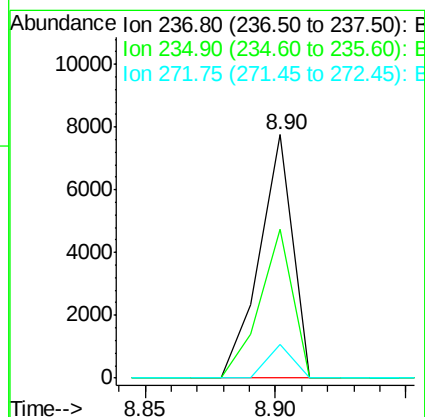
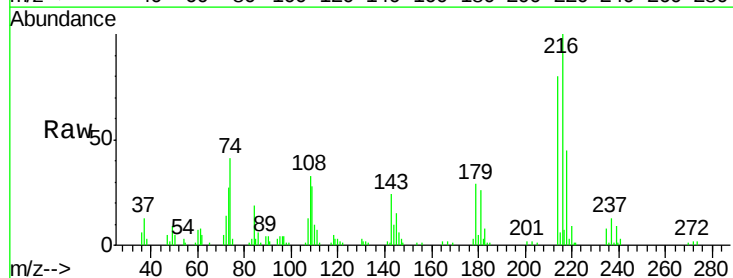
Manual Integrations

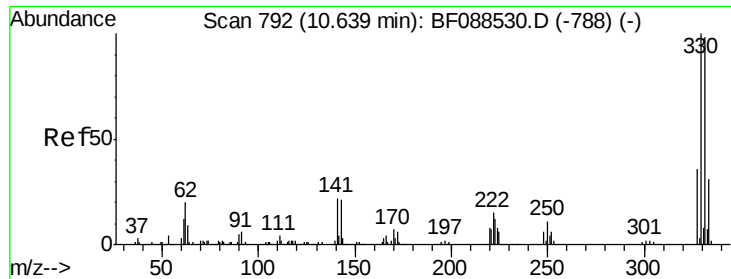
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#40
Hexachlorocyclopentadiene
Concen: 3.21 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.1	43.4	83.4
272	13.9	0.0	32.3





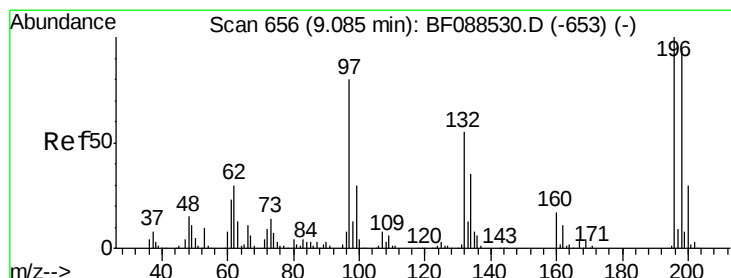
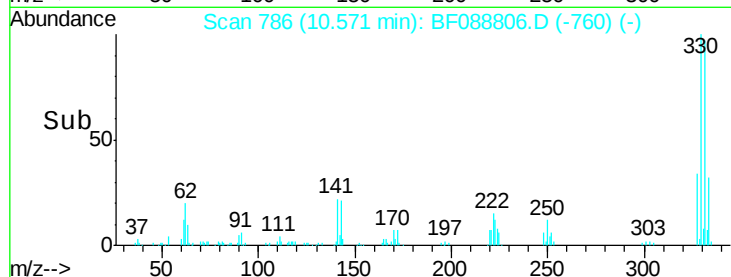
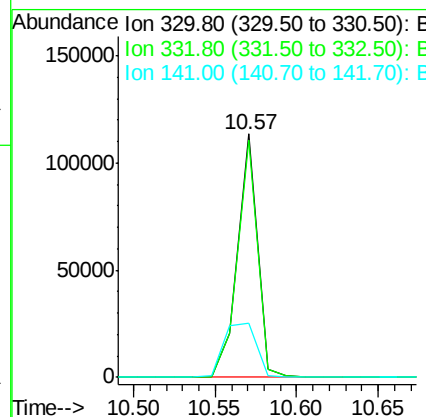
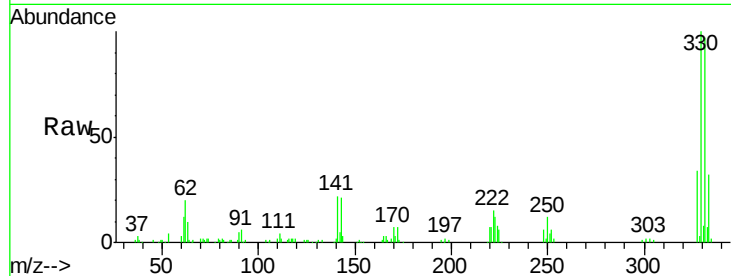
#41
 2,4,6-Tribromophenol
 Concen: 77.63 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	0.0	0.0	
141	36.4	0.0	0.0	

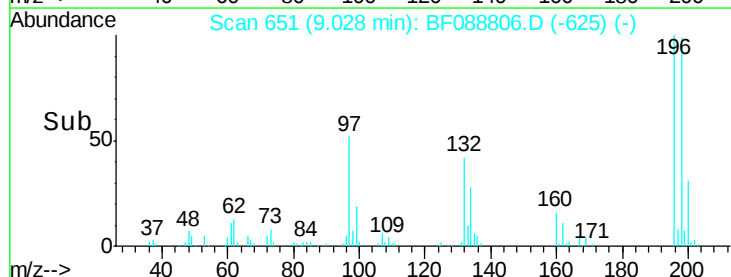
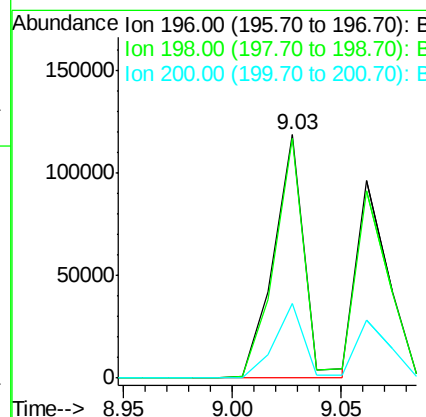
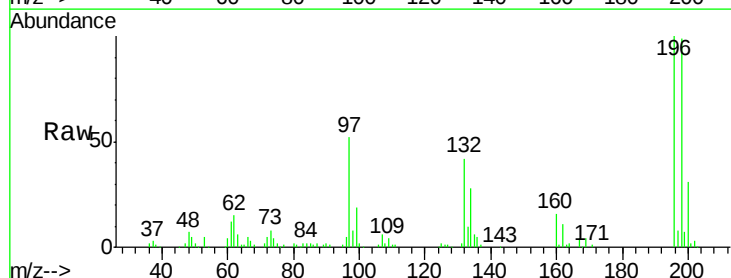
Manual Integrations

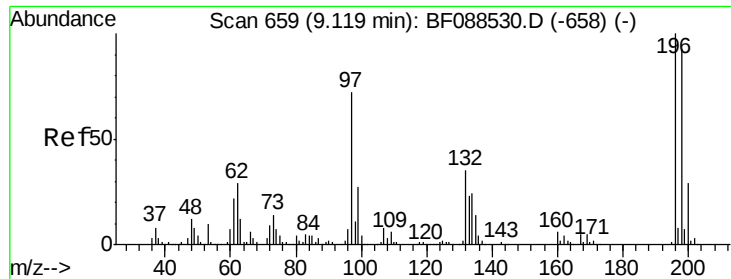
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#42
 2,4,6-Trichlorophenol
 Concen: 40.33 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.6	78.0	117.0	
200	30.7	25.4	38.2	





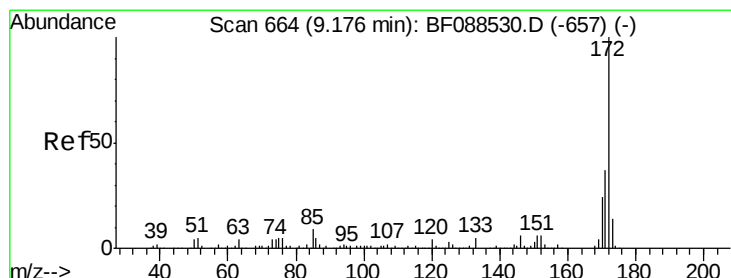
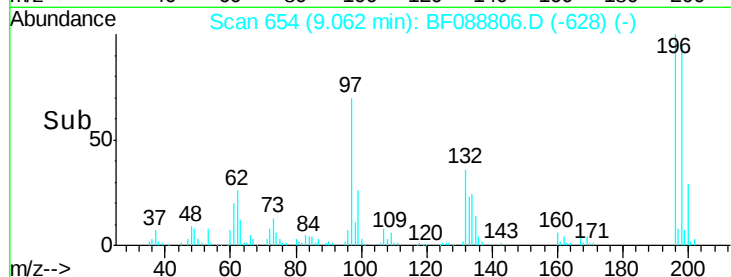
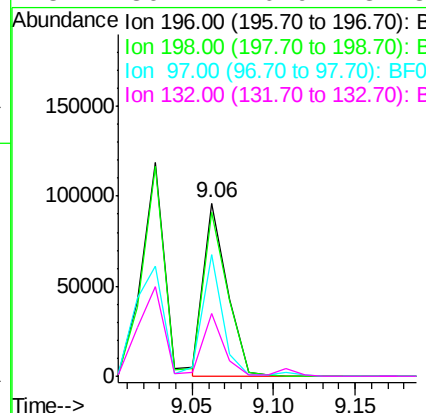
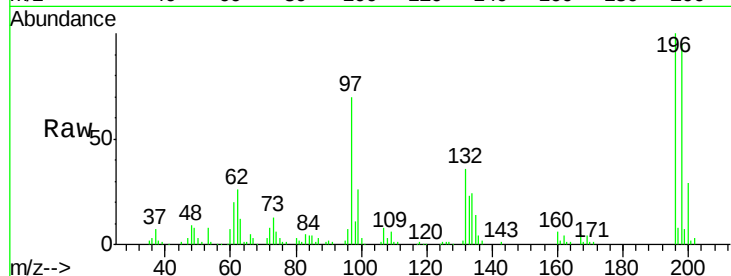
#43
 2,4,5-Trichlorophenol
 Concen: 39.19 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	97691
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.5	116.3
97	70.4	32.0	48.0#
132	36.1	20.9	31.3#

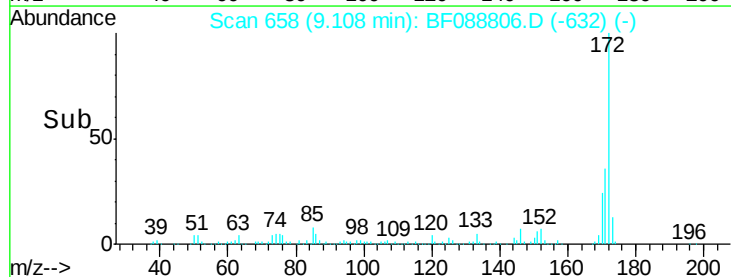
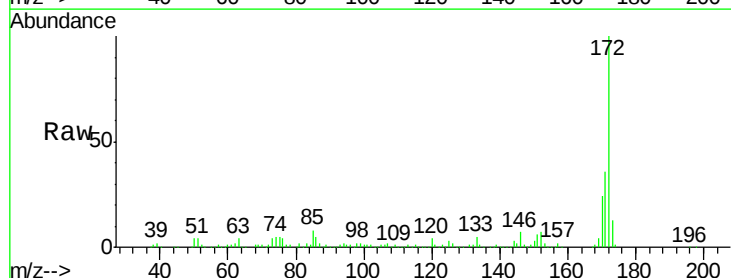
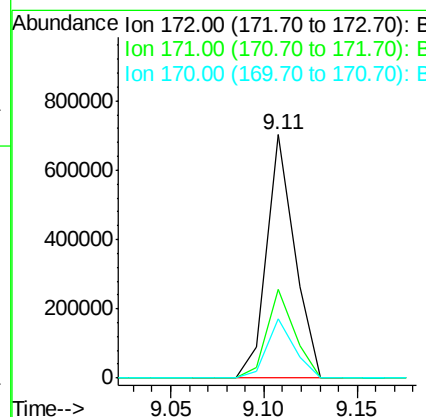
Manual Integrations

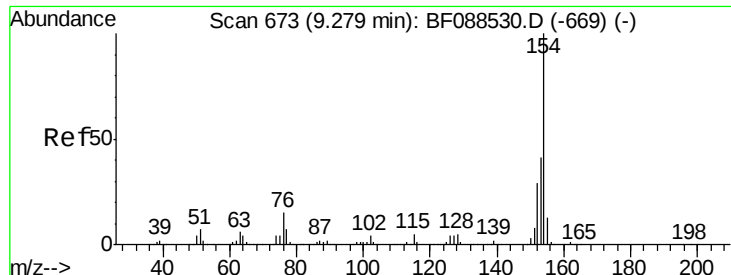
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#44
 2-Fluorobiphenyl
 Concen: 86.78 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion:	172	Resp:	725940
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.6	43.0
170	24.3	19.2	28.8





#45

1,1'-Biphenyl

Concen: 47.91 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 524190

Ion Ratio Lower Upper

154 100

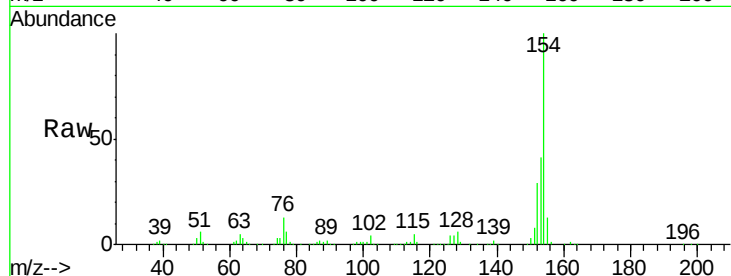
153 41.4 20.6 60.6

76 12.6 0.0 35.1

Manual Integrations

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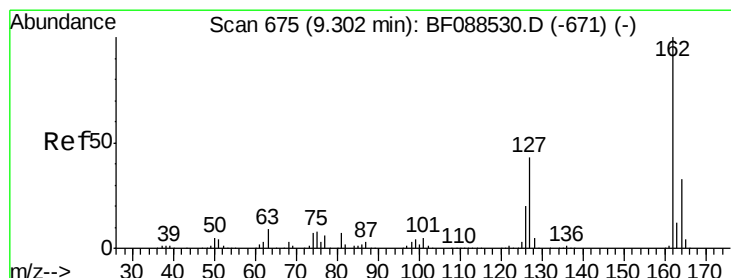
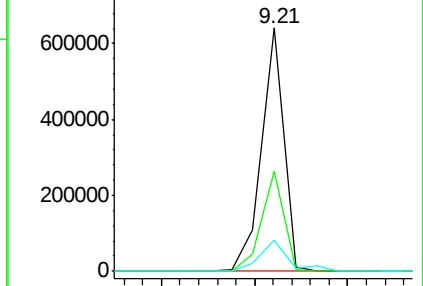
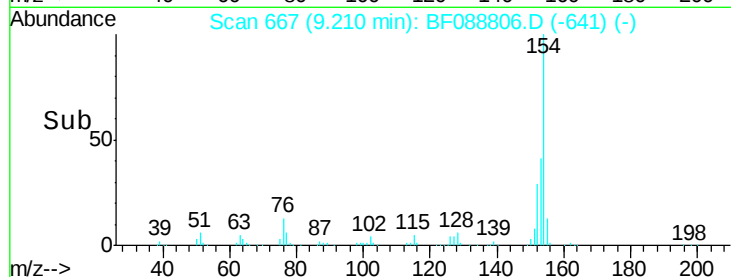
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.49 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

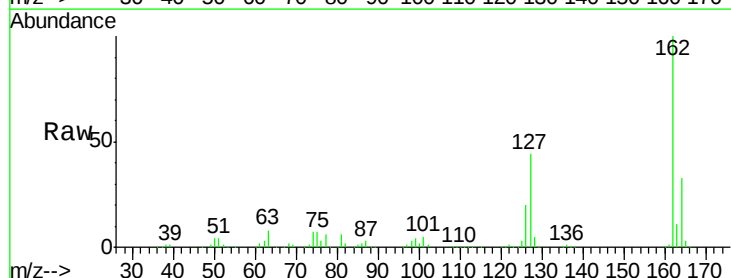
Tgt Ion:162 Resp: 390753

Ion Ratio Lower Upper

162 100

127 44.2 35.2 52.8

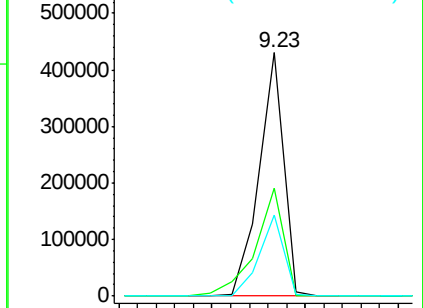
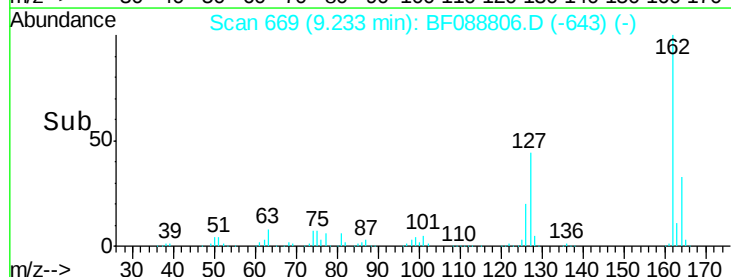
164 33.2 26.6 39.8

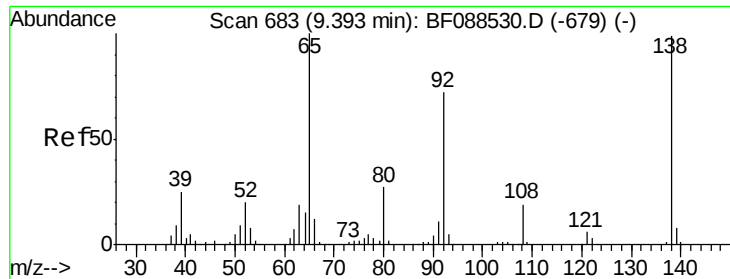


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47
 2-Nitroaniline
 Concen: 35.58 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

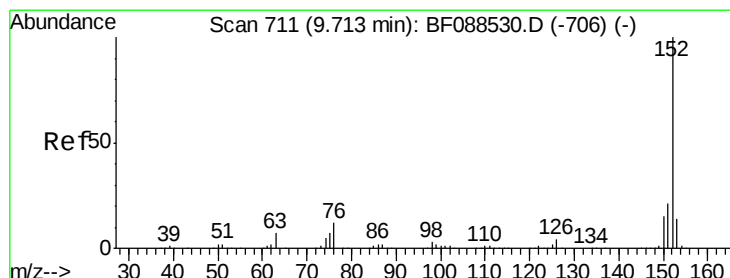
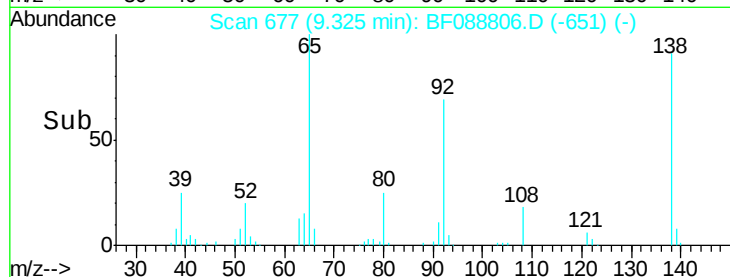
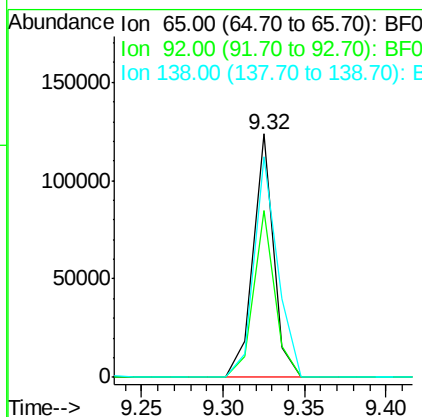
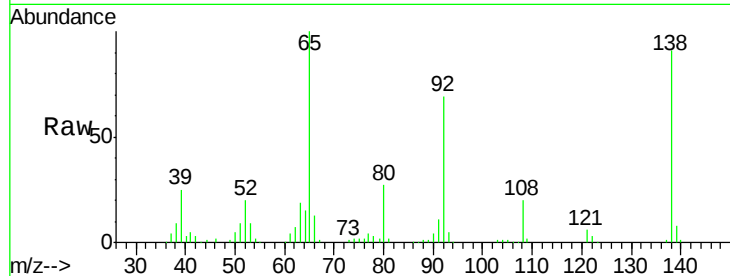
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 65 Resp: 108446

Ion	Ratio	Lower	Upper
65	100		
92	68.7	54.6	82.0
138	90.7	77.0	115.4

Manual Integrations

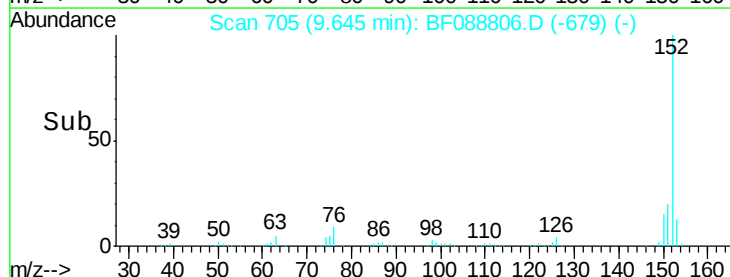
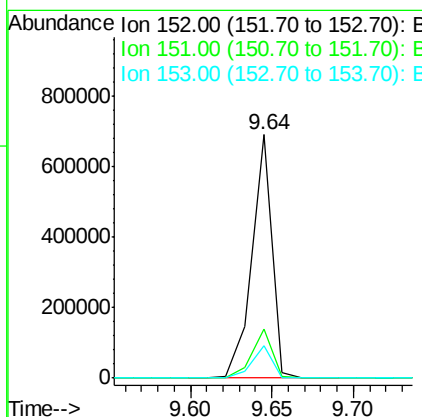
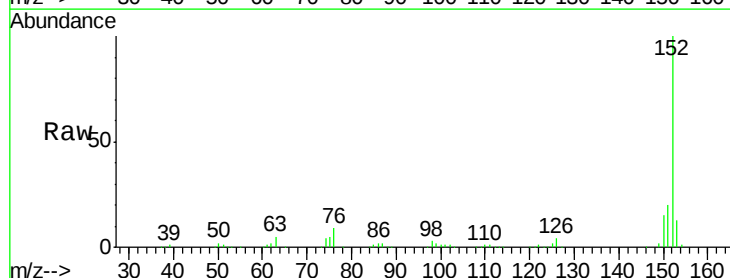
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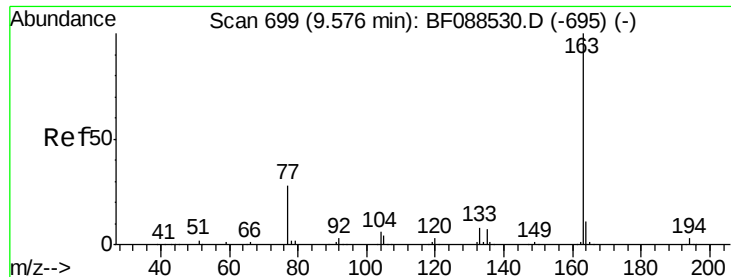


#48
 Acenaphthylene
 Concen: 42.94 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion: 152 Resp: 586907

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.2	11.0	16.6





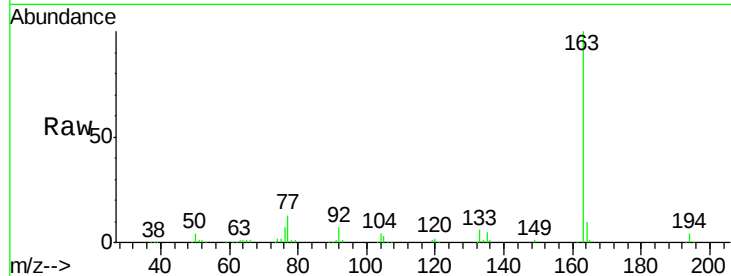
#49
Dimethylphthalate
Concen: 46.07 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

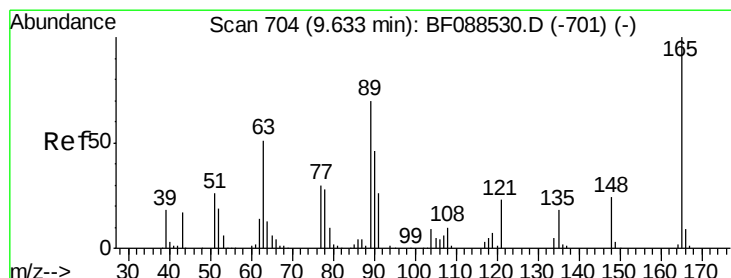
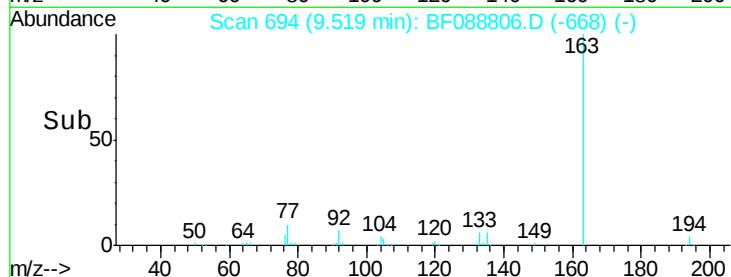
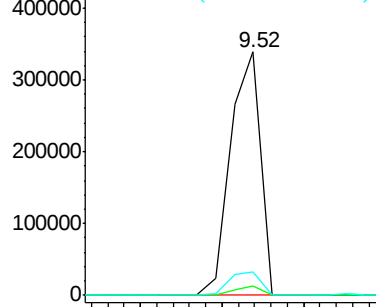
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.6	8.3	12.5

Manual Integrations

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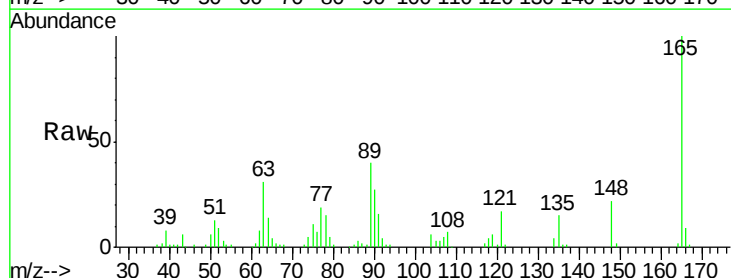


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

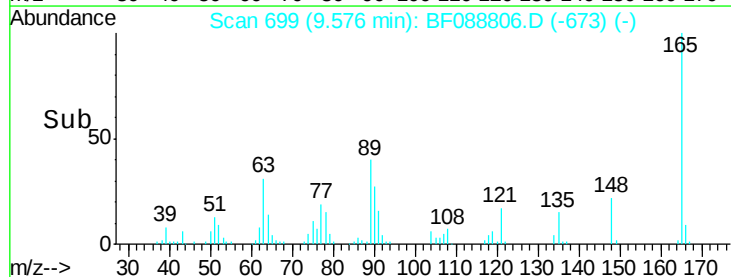
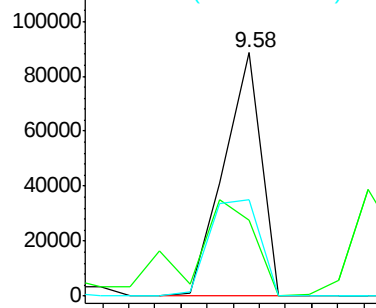


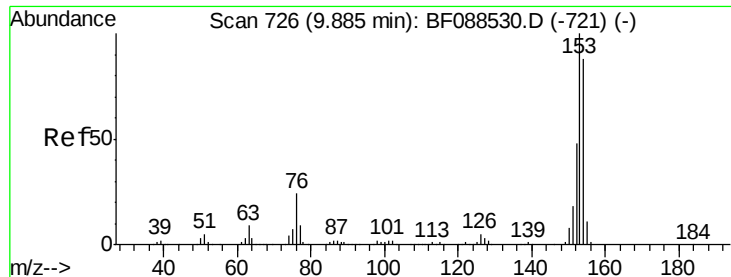
#50
2,6-Dinitrotoluene
Concen: 43.11 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.3	28.1	42.1
89	39.8	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: 38.07 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 318933

Ion Ratio Lower Upper

154 100

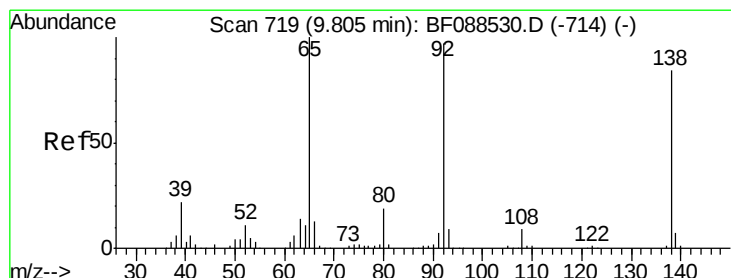
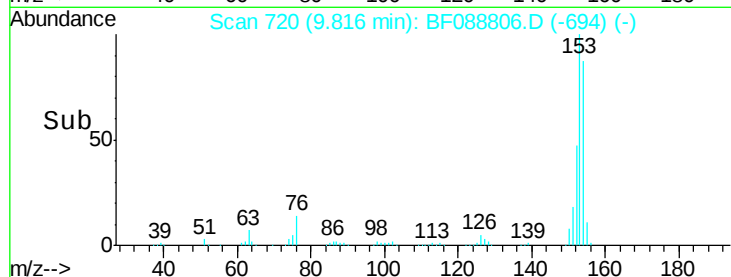
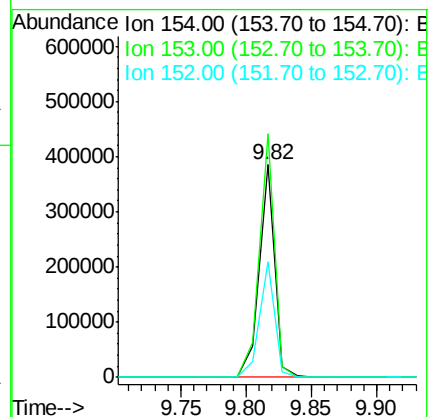
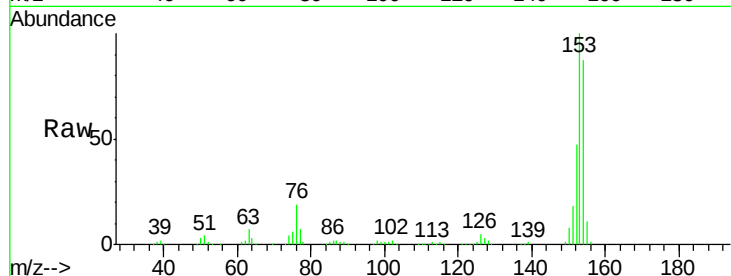
153 114.6 89.5 134.3

152 54.4 42.7 64.1

Manual Integrations

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7/8/2016 7:08:53 PM



#52

3-Nitroaniline

Concen: 35.35 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

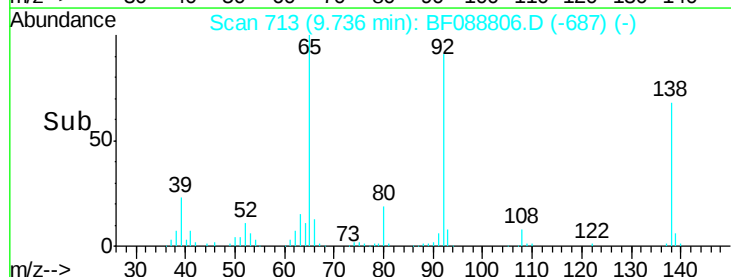
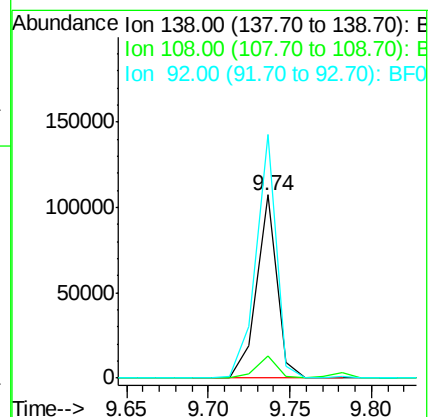
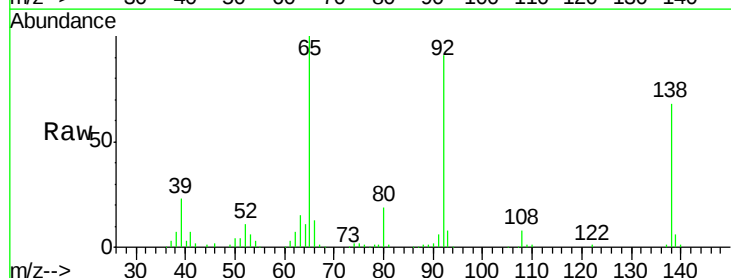
Tgt Ion:138 Resp: 93749

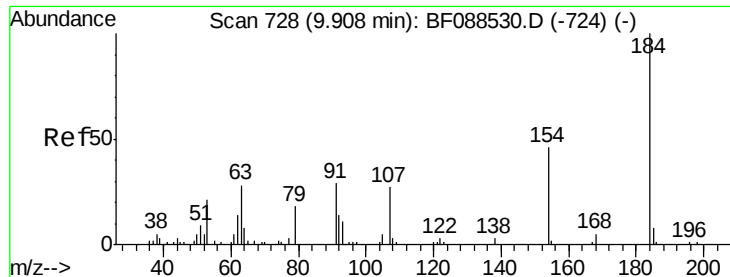
Ion Ratio Lower Upper

138 100

108 12.0 8.5 12.7

92 133.0 95.7 143.5





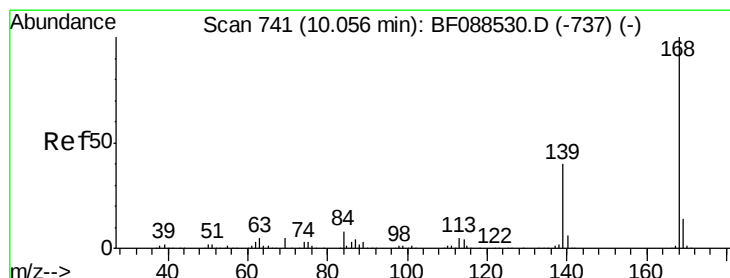
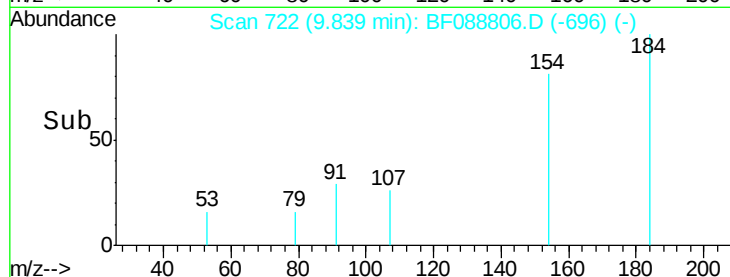
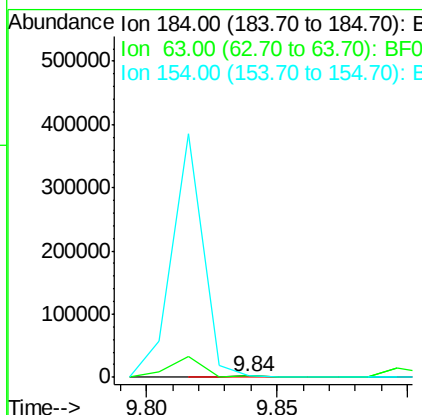
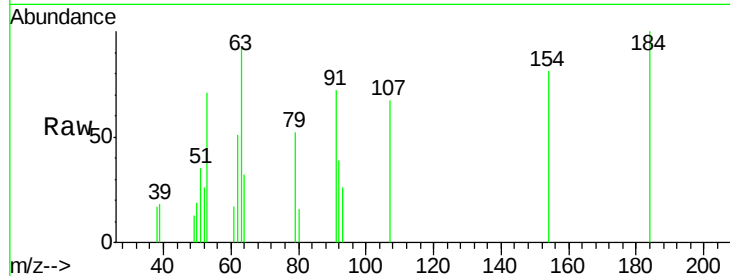
#53
2,4-Dinitrophenol
Concen: 2.51 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.7	57.6	86.4#
154	81.0	53.5	80.3#

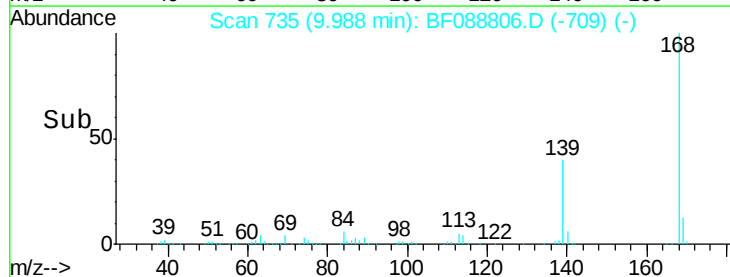
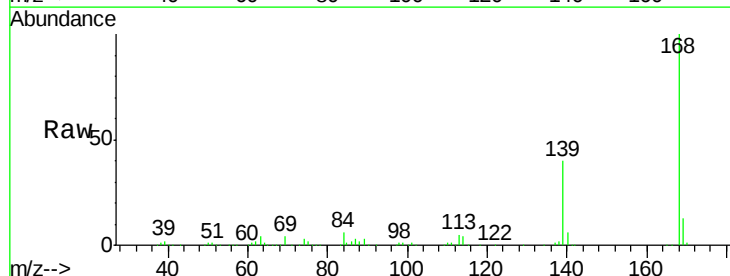
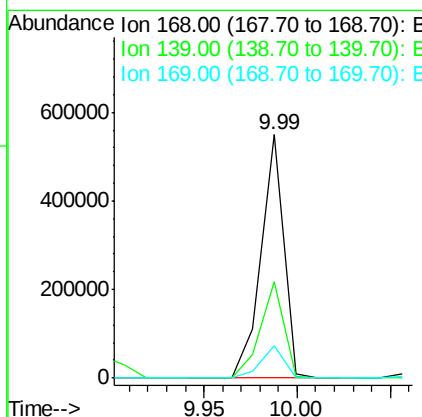
Manual Integrations

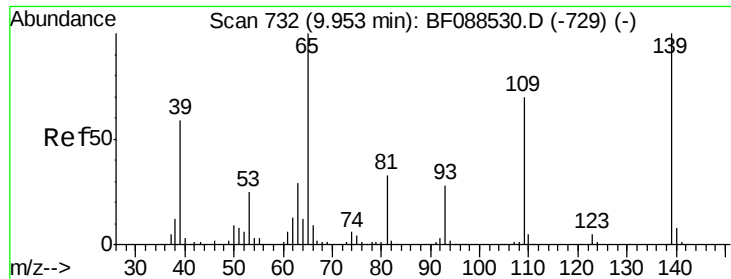
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#54
Dibenzofuran
Concen: 42.14 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	26.4	39.6#
169	13.1	10.4	15.6





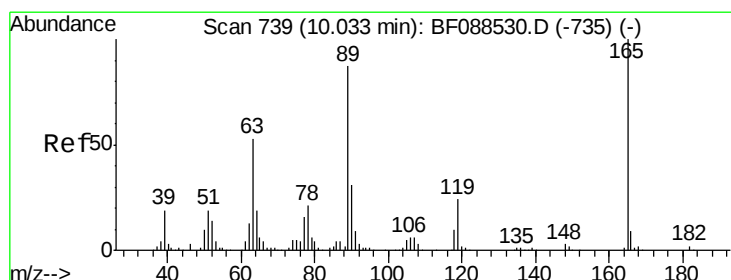
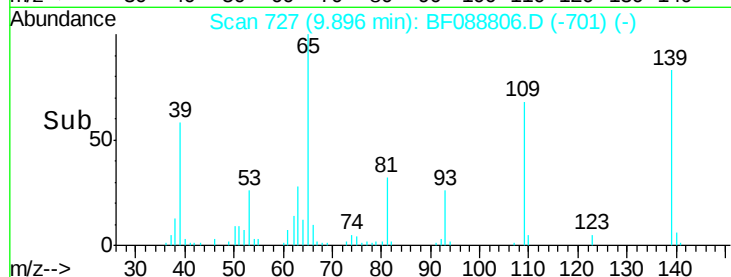
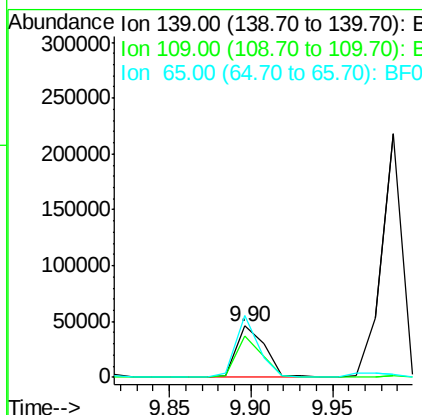
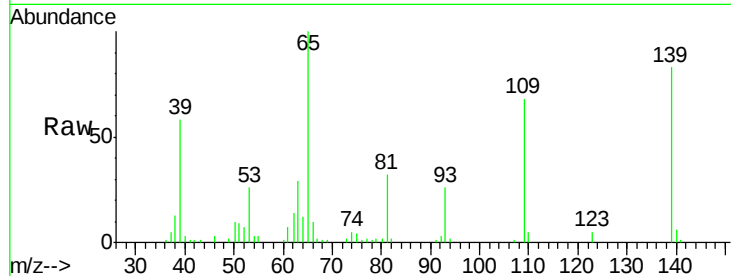
#55
4-Nitrophenol
Concen: 27.87 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	81.1	48.9	88.9
65	119.9	84.9	124.9

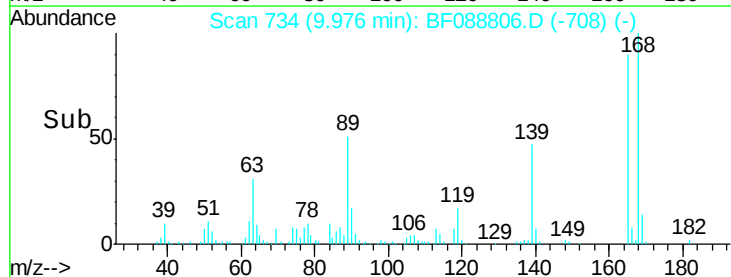
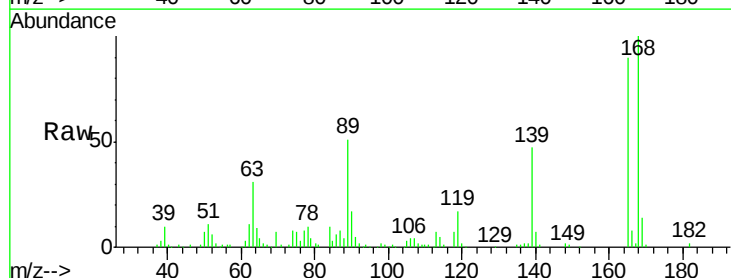
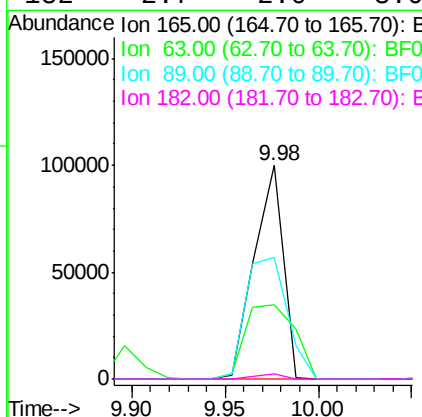
Manual Integrations

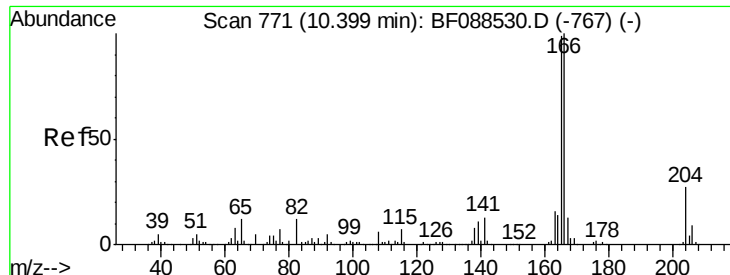
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#56
2,4-Dinitrotoluene
Concen: 39.29 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.6	22.0	33.0#
89	56.8	41.1	61.7
182	2.7	2.0	3.0





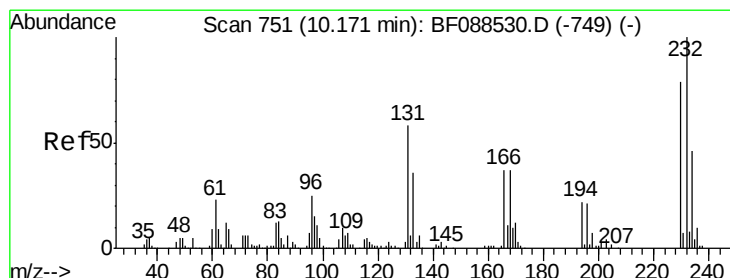
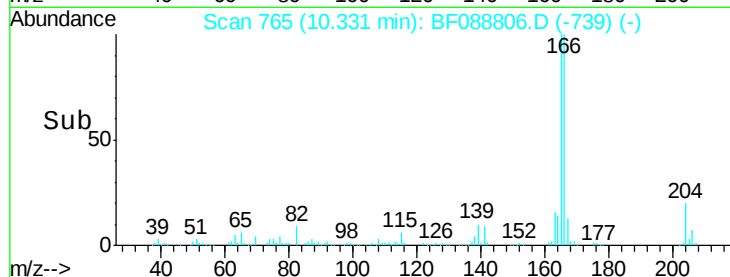
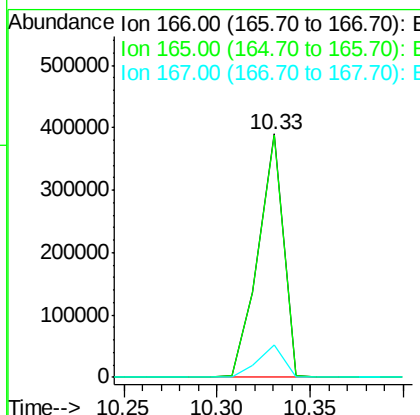
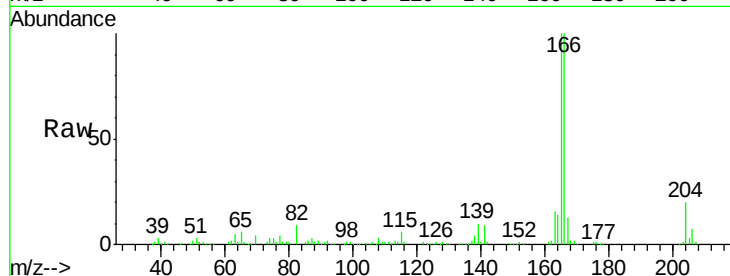
#57
Fluorene
 Concen: 43.17 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.8
167	13.2	11.2	16.8

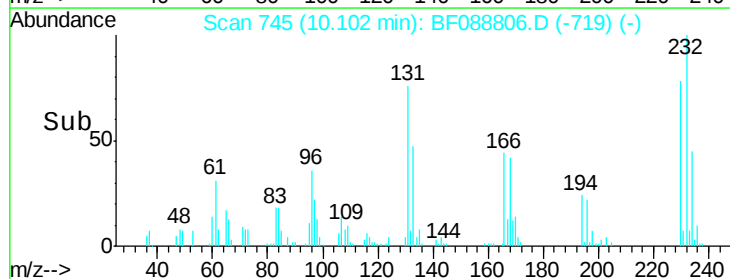
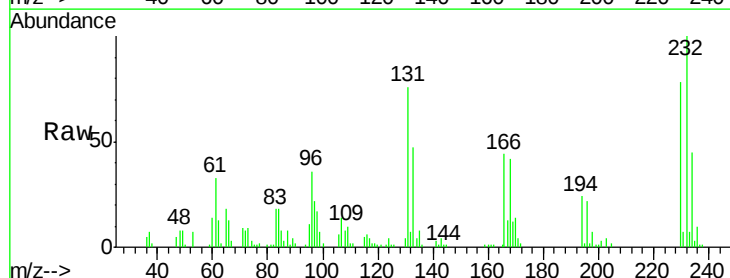
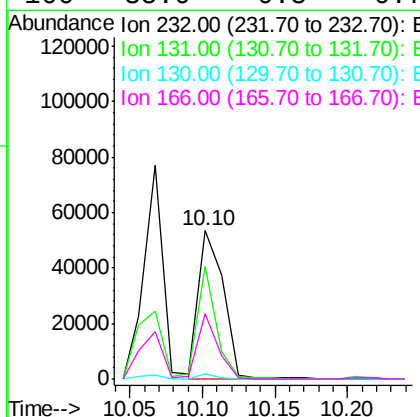
Manual Integrations

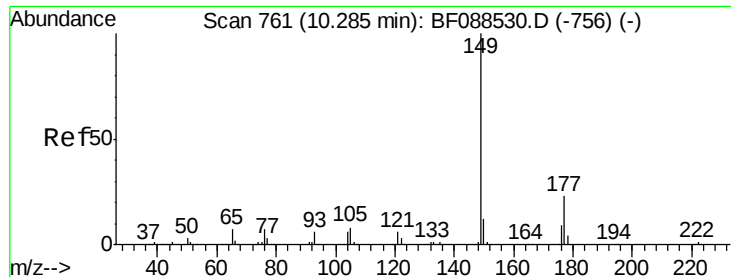
umangi
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.55 ng
 RT: 10.10 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.9	0.9	1.3#
130	2.7	1.5	2.3#
166	35.0	0.5	0.7#





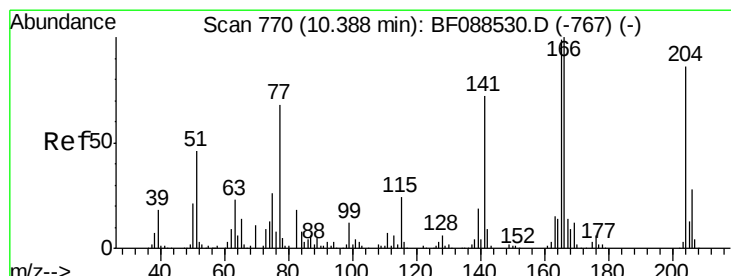
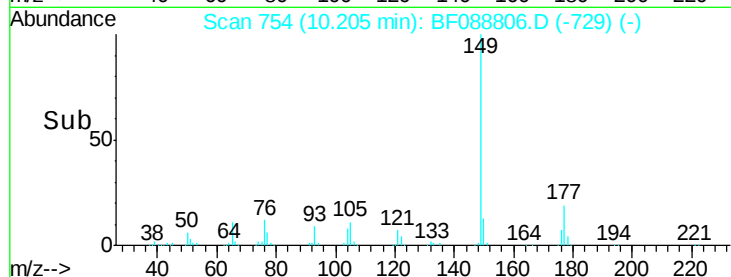
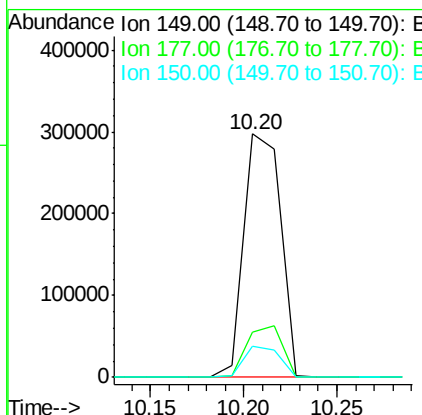
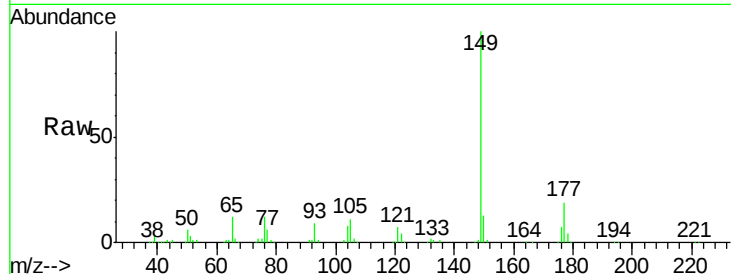
#59
Diethylphthalate
Concen: 43.05 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.7	16.9	25.3
150	12.6	10.1	15.1

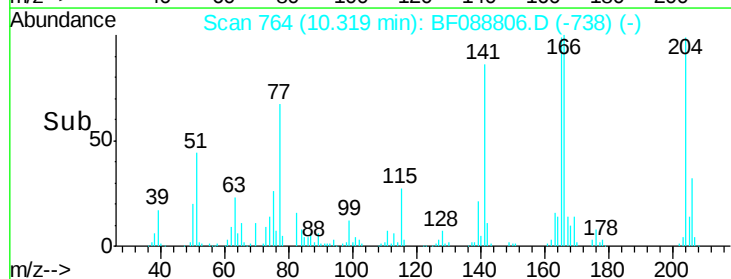
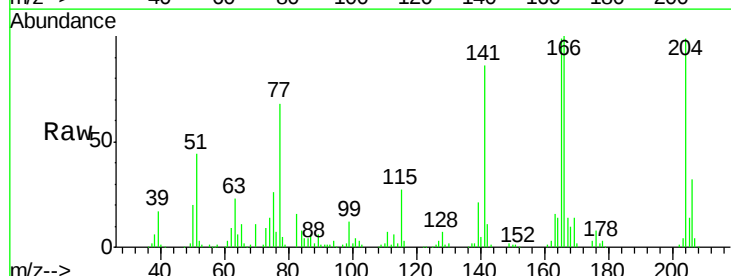
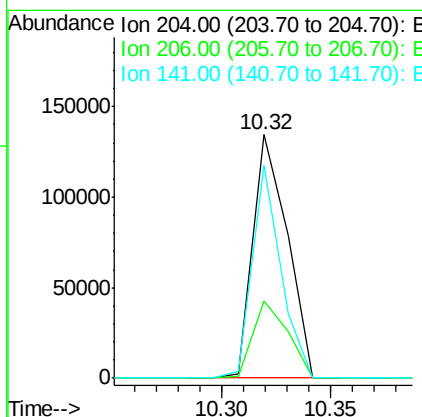
Manual Integrations

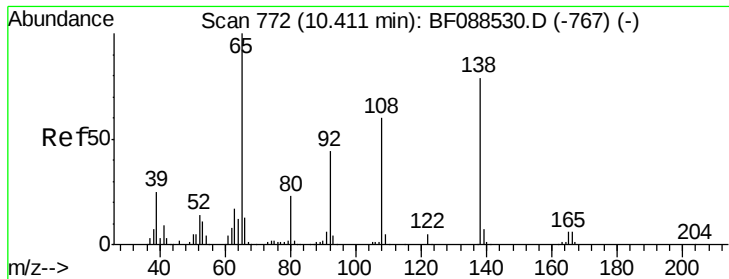
umangi
7/8/2016 7:08:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.65 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.3	39.5
141	87.6	55.0	82.6





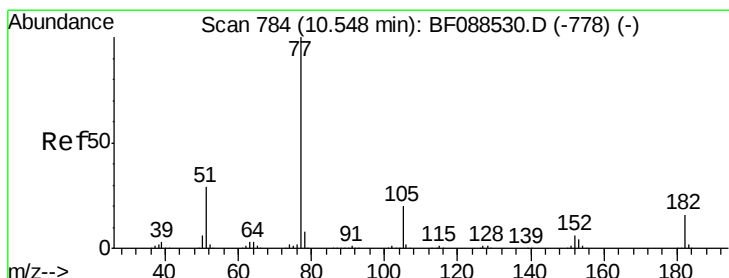
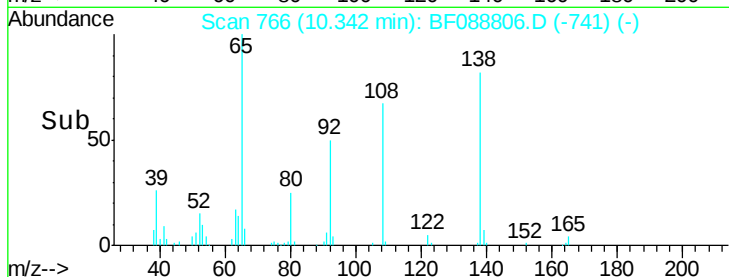
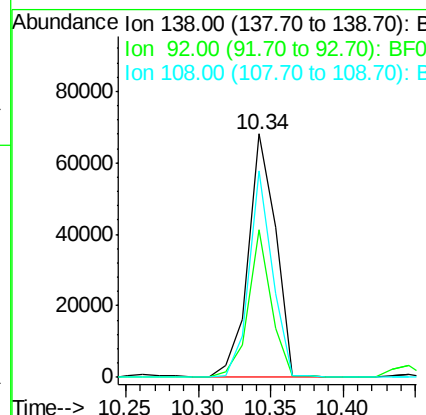
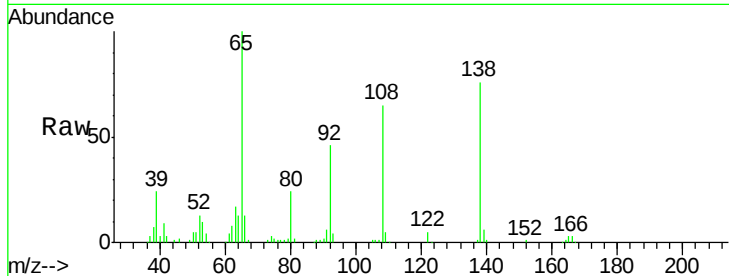
#61
4-Nitroaniline
Concen: 35.14 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.6	27.3	67.3
108	85.0	46.7	86.7

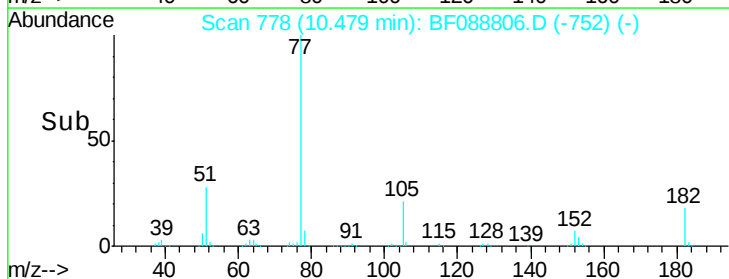
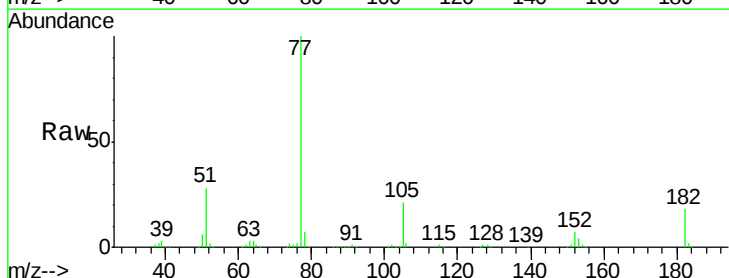
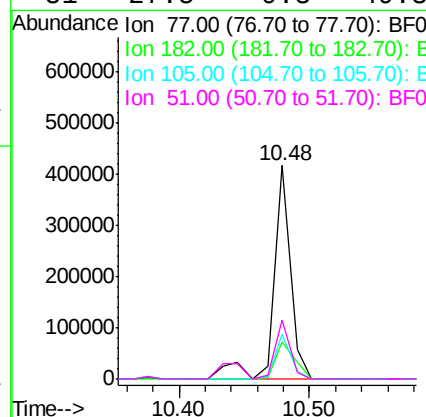
Manual Integrations

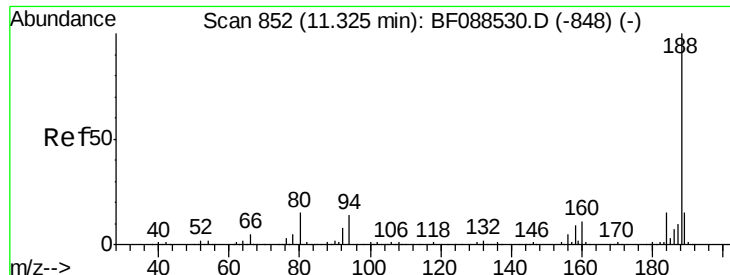
umangi
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#62
Azobenzene
Concen: 35.46 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	4.4	44.4
105	21.0	3.8	43.8
51	27.5	9.3	49.3





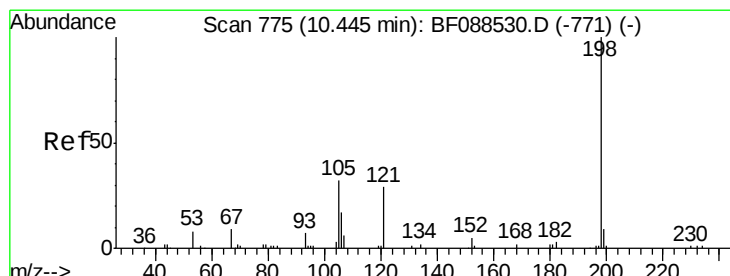
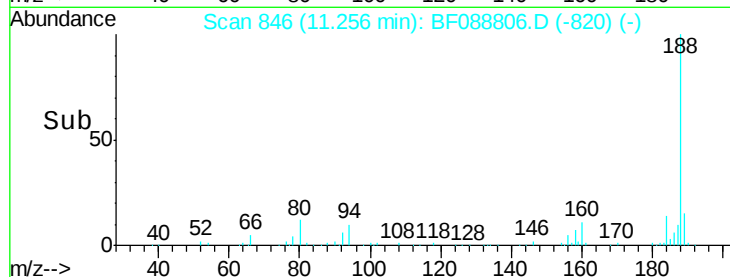
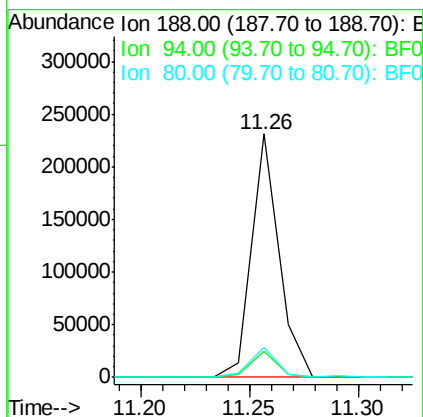
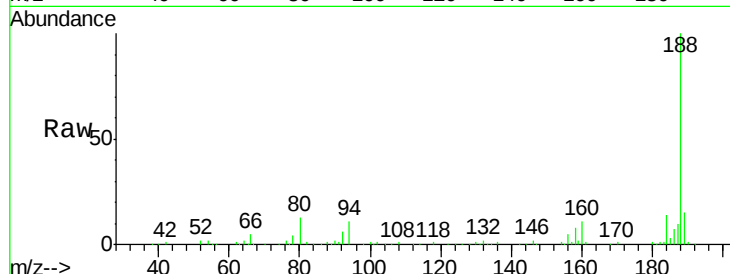
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	202557		
94	10.9		9.0	13.6
80	12.5		10.0	15.0

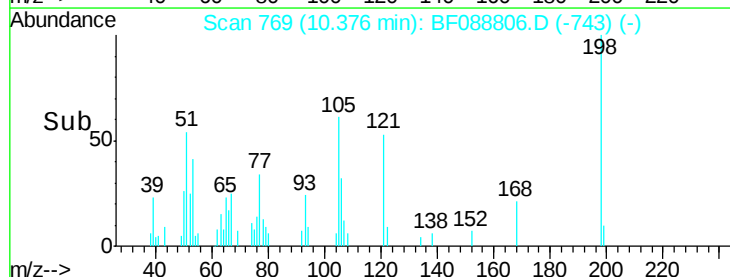
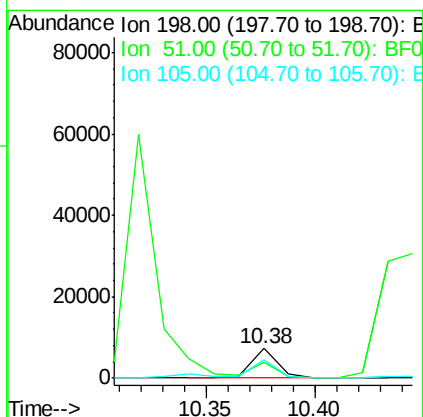
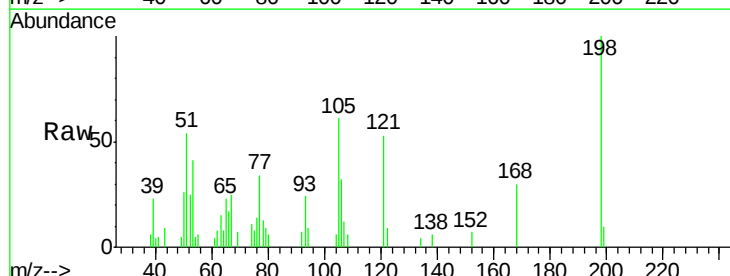
Manual Integrations

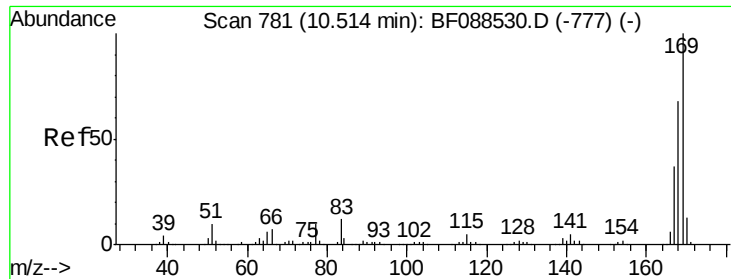
umangi
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.64 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	6113		
51	53.9		39.6	79.6
105	61.4		36.6	76.6





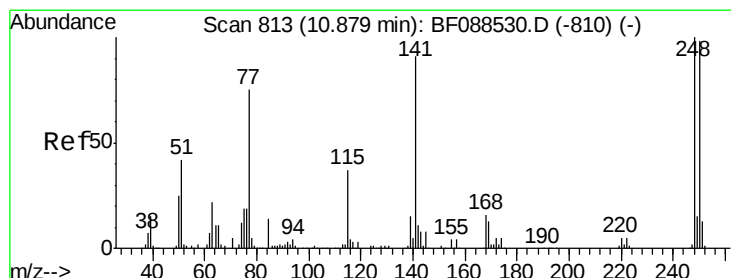
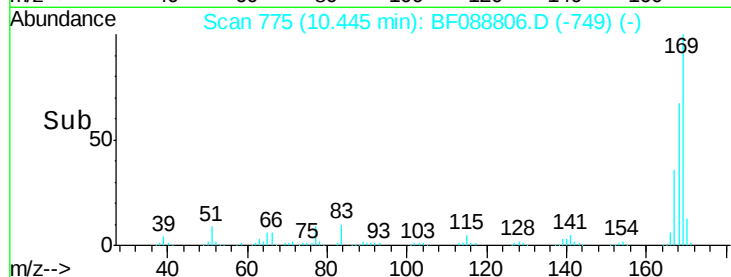
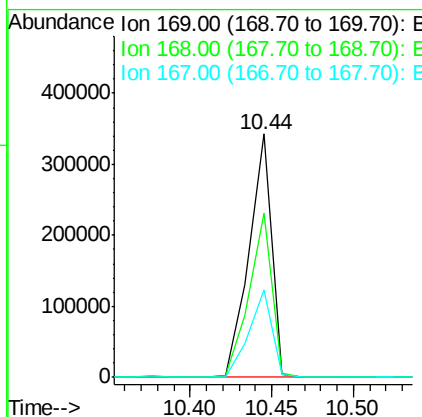
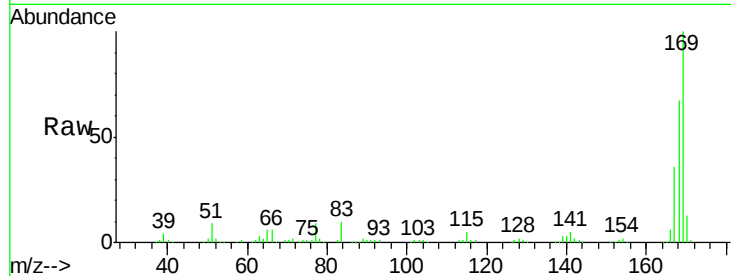
#65
 n-Nitrosodiphenylamine
 Concen: 48.02 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		329222		
168	67.4	53.4		80.0	
167	35.9	29.4		44.0	

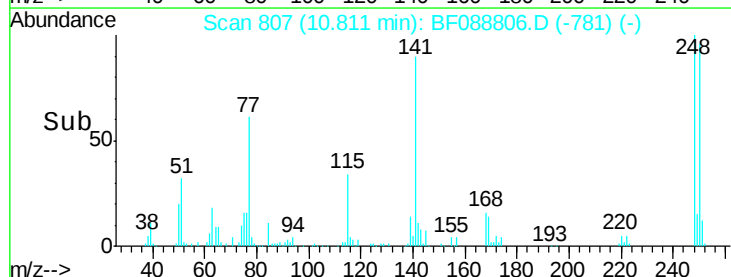
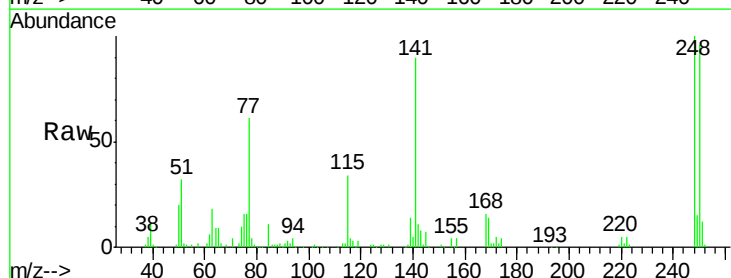
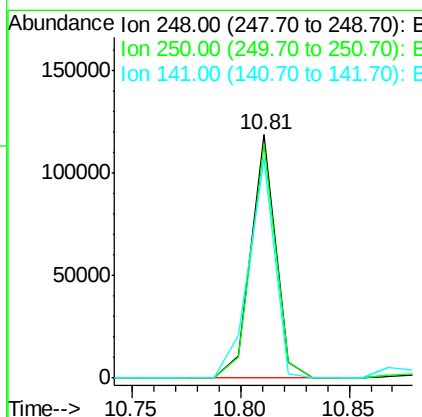
Manual Integrations

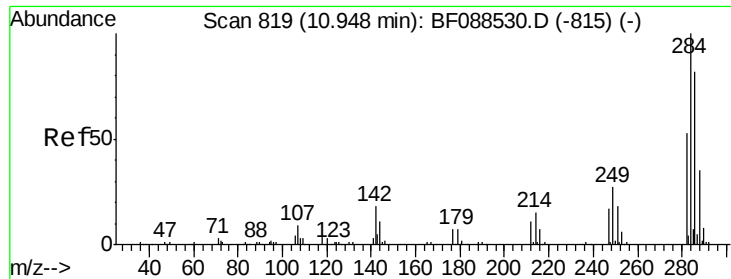
umangi
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#66
 4-Bromophenyl-phenylether
 Concen: 46.04 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		93988		
250	96.0	77.1		115.7	
141	90.1	50.6		76.0	





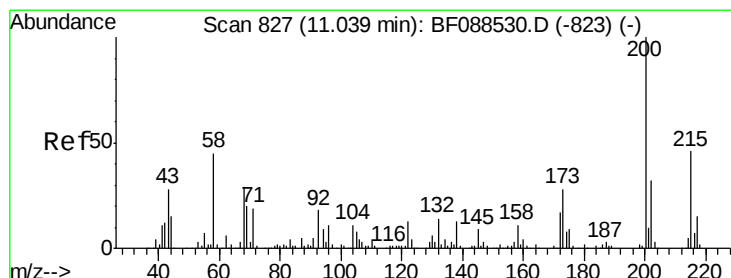
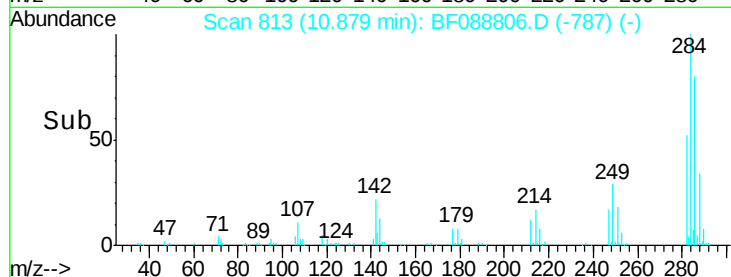
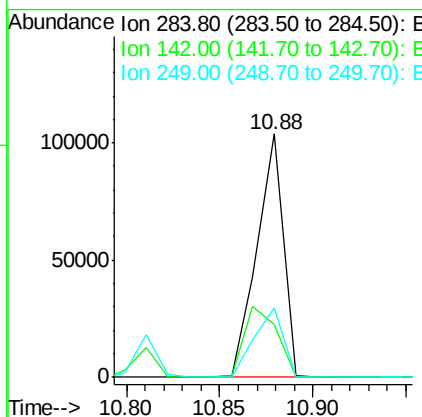
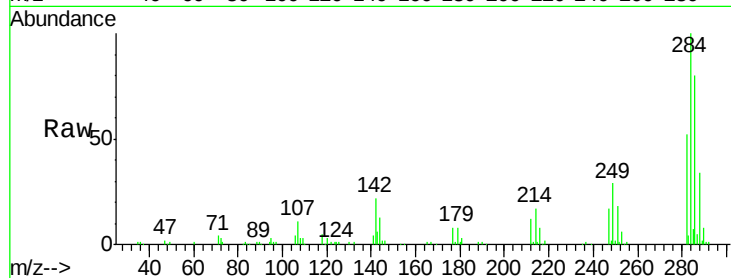
#67
Hexachlorobenzene
Concen: 44.86 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	21.9	35.8	53.8#
249	28.7	25.8	38.6

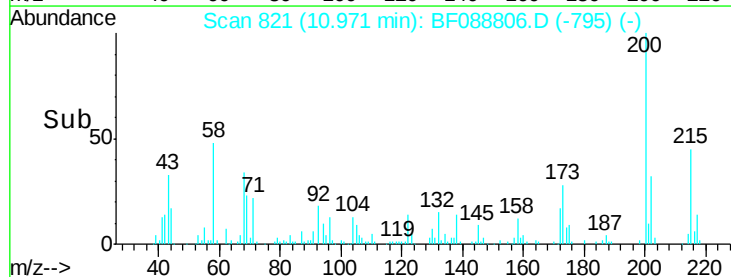
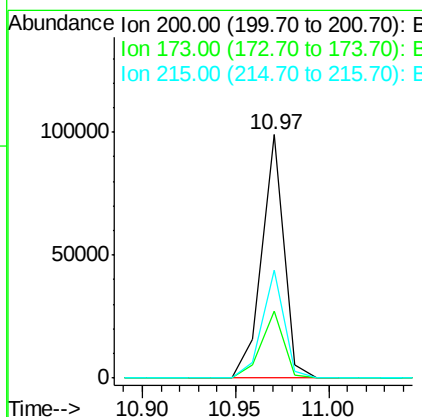
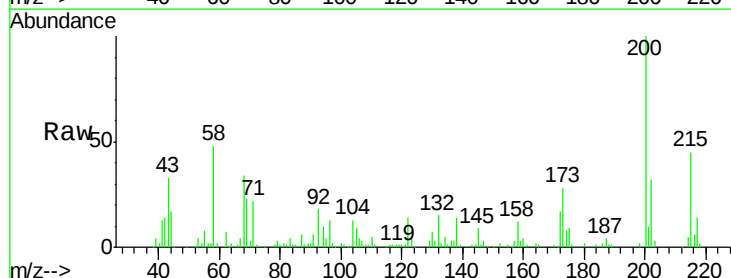
Manual Integrations

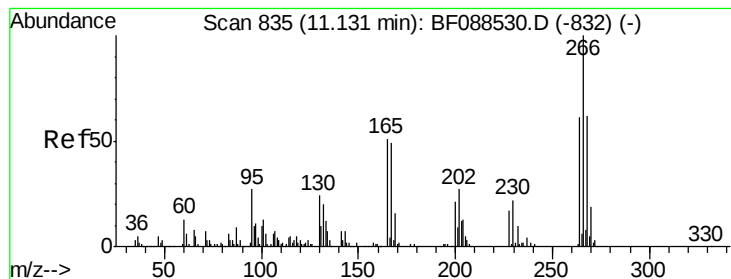
umangi
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#68
Atrazine
Concen: 38.70 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	4.0	44.0
215	44.5	29.3	69.3





#69

Pentachlorophenol

Concen: 31.13 ng

RT: 11.07 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:266 Resp: 41627

Ion Ratio Lower Upper

266 100

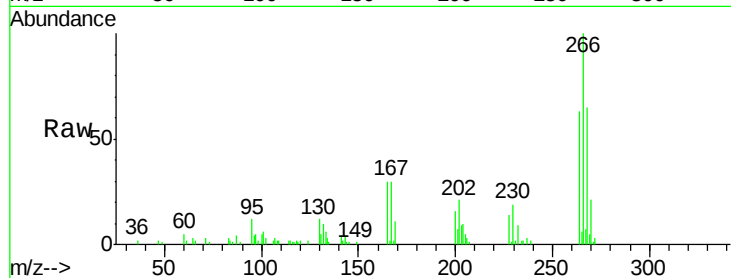
268 65.2 52.8 79.2

264 62.7 49.6 74.4

Manual Integrations

umangi

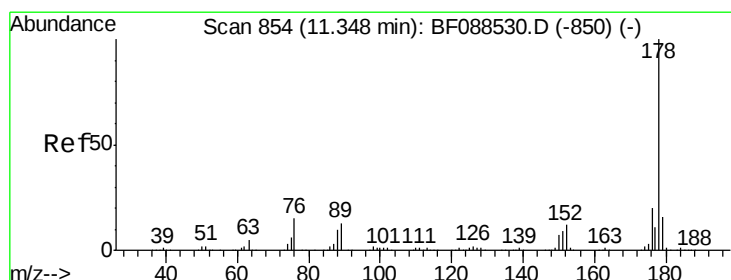
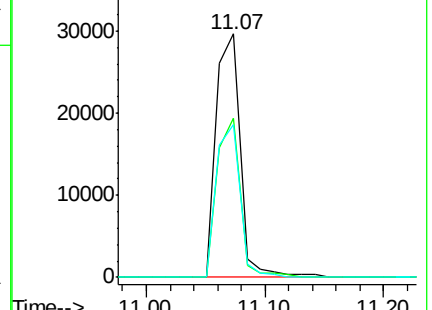
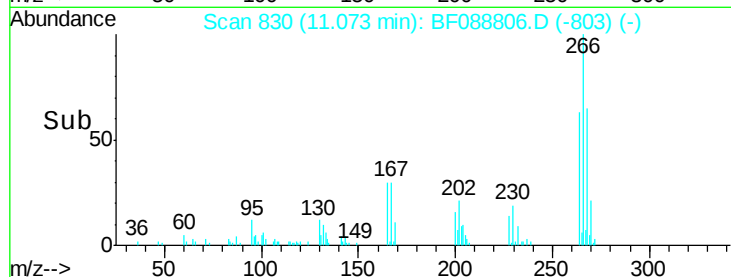
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.22 ng

RT: 11.28 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

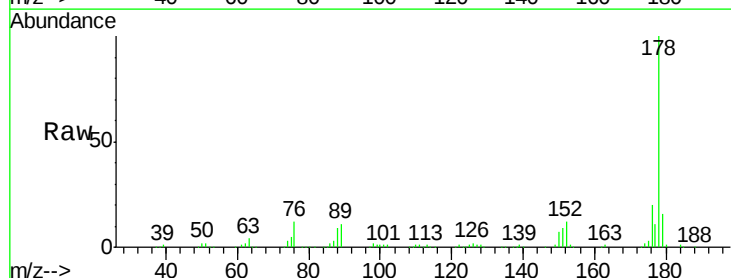
Tgt Ion:178 Resp: 412163

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

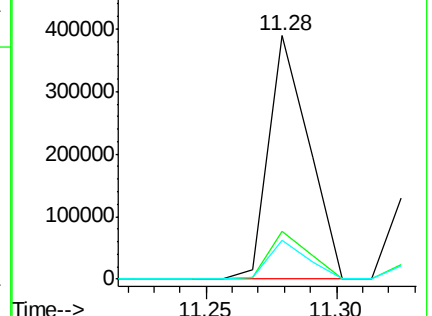
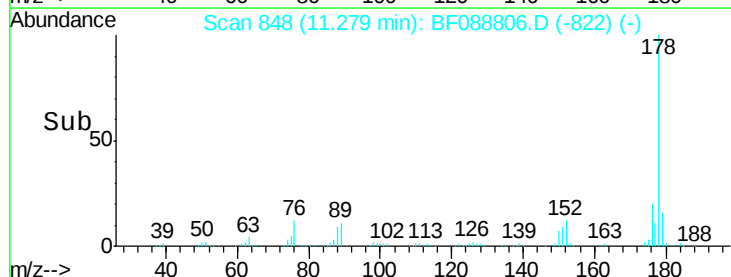
179 15.7 13.0 19.4

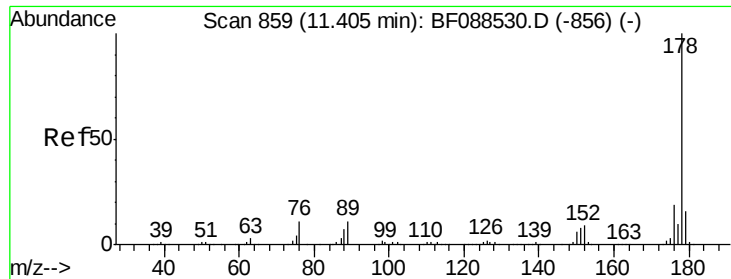


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





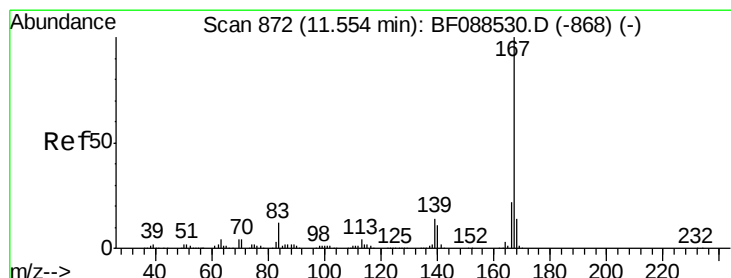
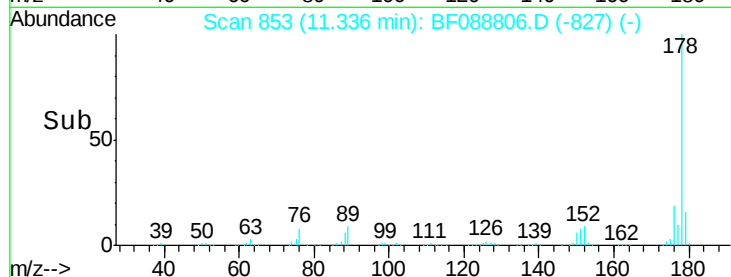
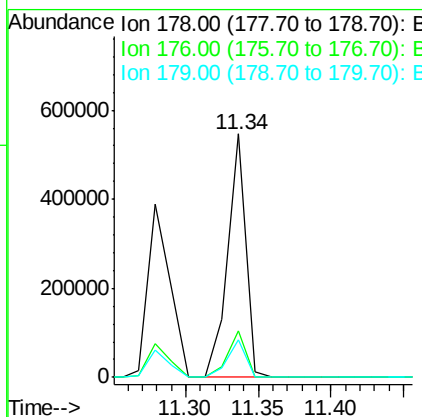
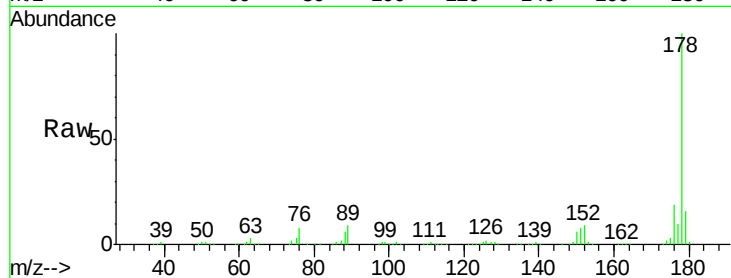
#71
 Anthracene
 Concen: 43.10 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 474553
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.5 12.8 19.2

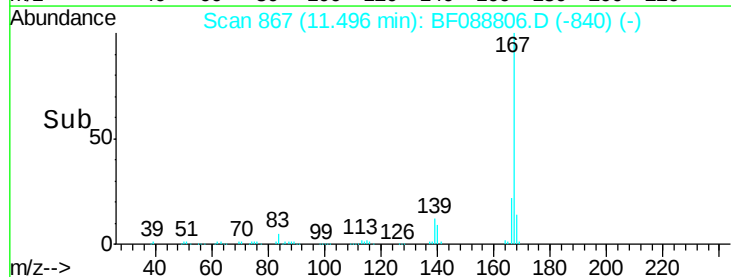
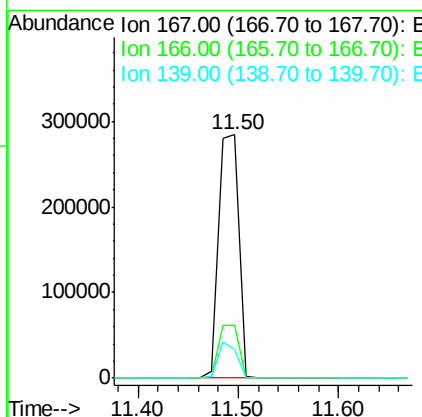
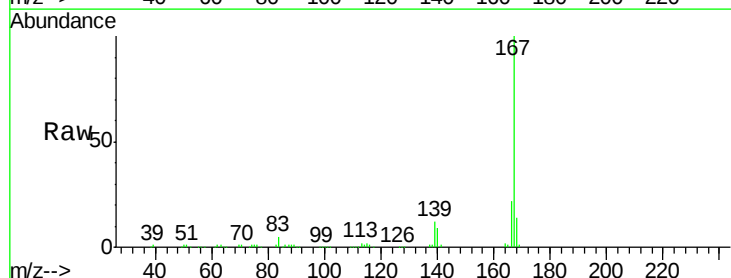
Manual Integrations

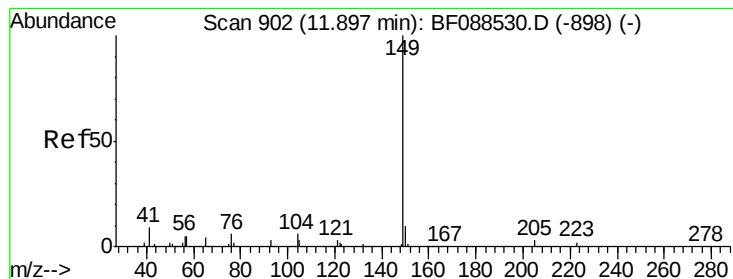
umangi
 7/8/2016 7:08:53 PM



#72
 Carbazole
 Concen: 38.25 ng
 RT: 11.50 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion:167 Resp: 396370
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 11.7 11.2 16.8





#73

Di-n-butylphthalate

Concen: 40.52 ng

RT: 11.83 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 488425

Ion Ratio Lower Upper

149 100

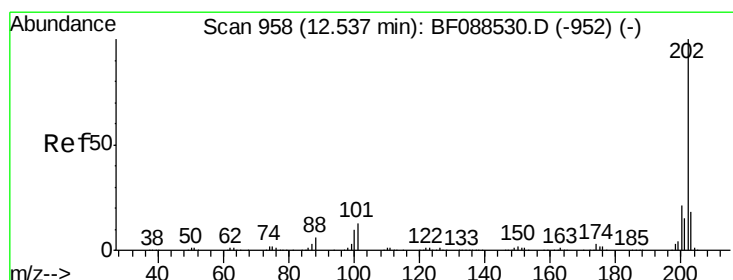
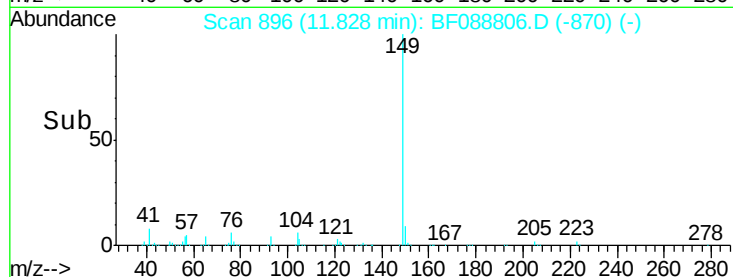
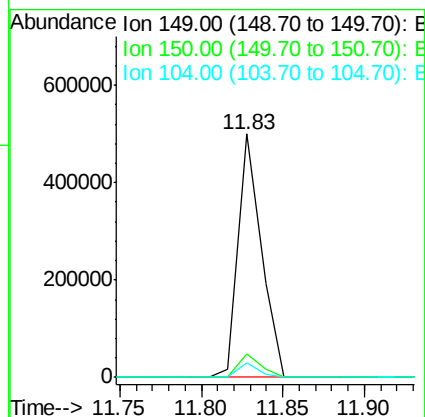
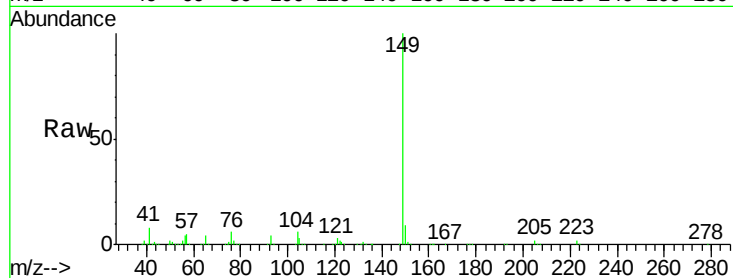
150 9.4 7.8 11.6

104 5.7 4.0 6.0

Manual Integrations

umangi

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#74

Fluoranthene

Concen: 43.28 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

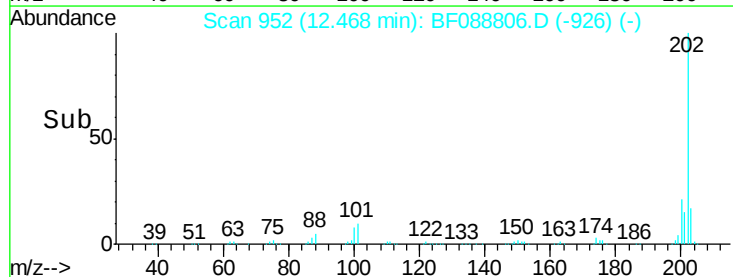
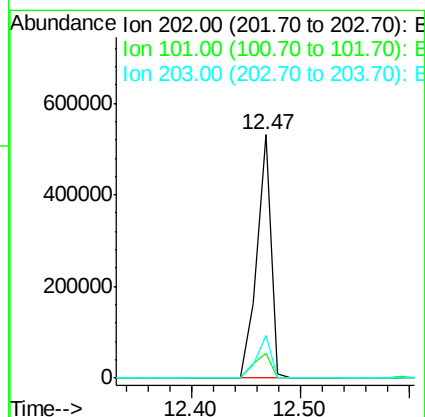
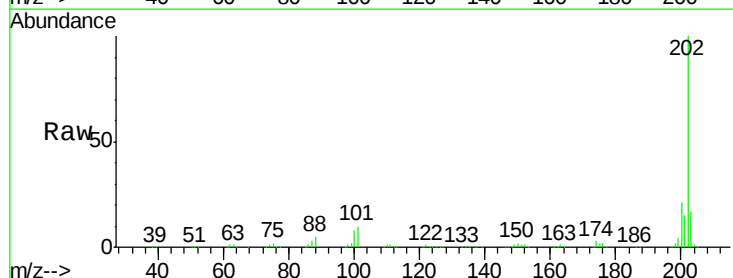
Tgt Ion:202 Resp: 485818

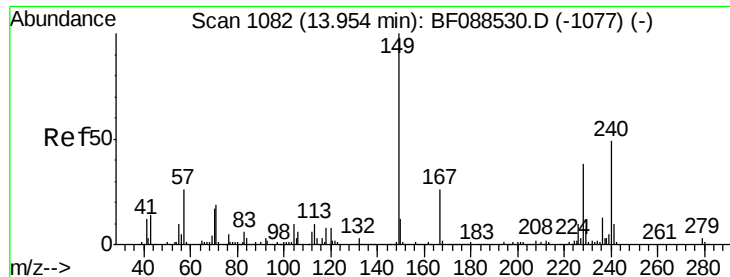
Ion Ratio Lower Upper

202 100

101 10.0 0.0 33.1

203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 160209

Ion Ratio Lower Upper

240 100

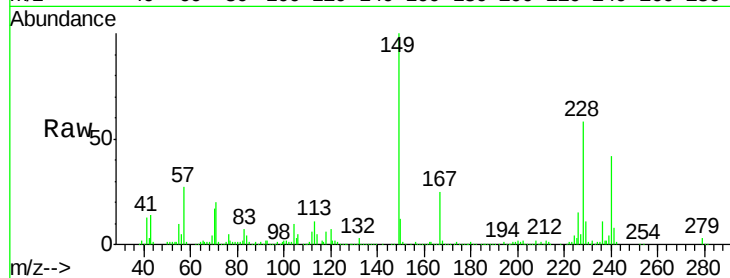
120 16.1 6.8 10.2#

236 26.1 20.2 30.2

Manual Integrations

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

200000

150000

100000

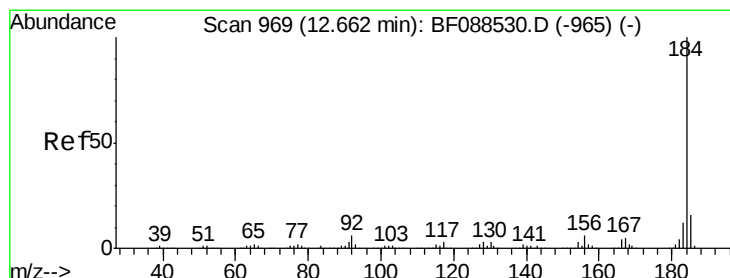
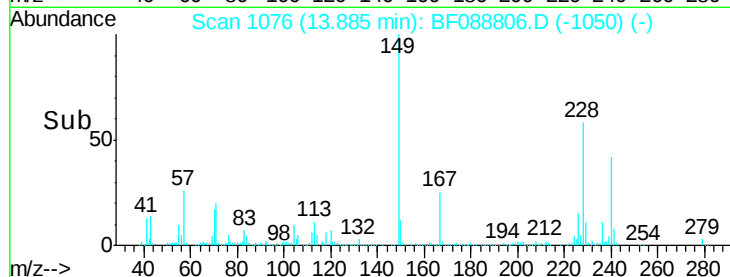
50000

0

13.89

13.85 13.90 13.95

Time-->



#76

Benzidine

Concen: 39.12 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

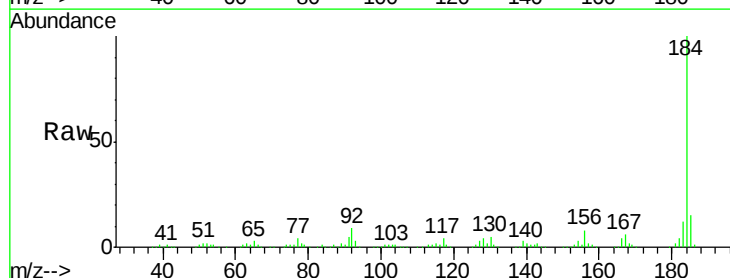
Tgt Ion:184 Resp: 316800

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

400000

300000

200000

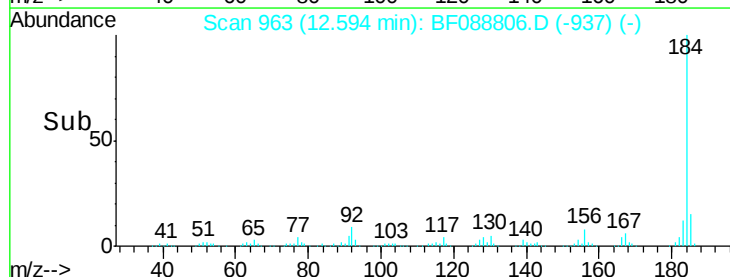
100000

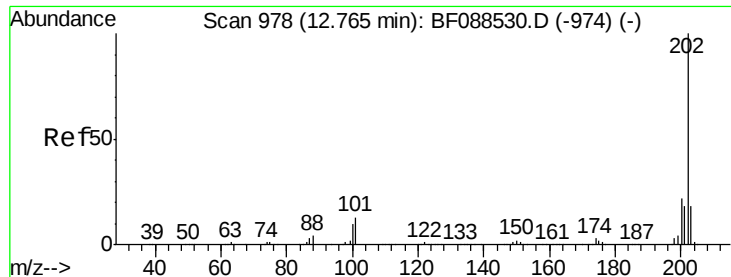
0

12.59

12.50 12.60 12.70 12.80

Time-->





#77

Pvrene

Concen: 37.62 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

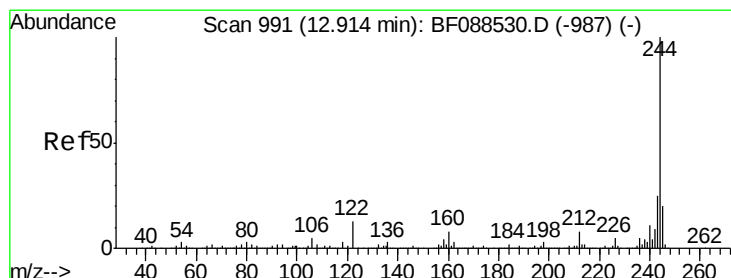
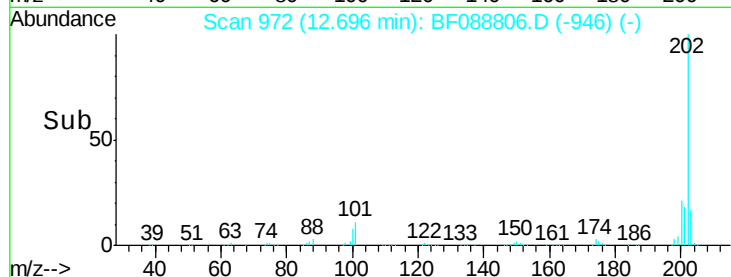
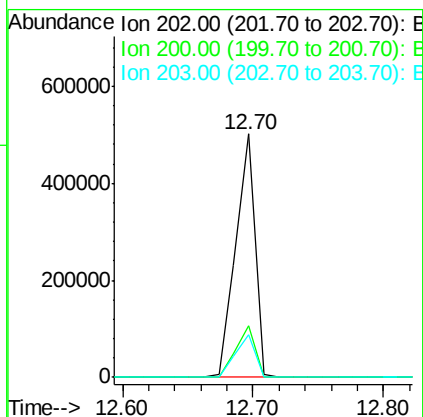
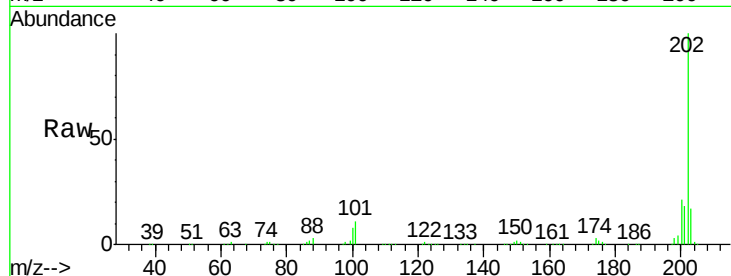
SSTDCCC040

Tot Ion:	202	Resp:	511080
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.4	14.5	21.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 78.00 ng

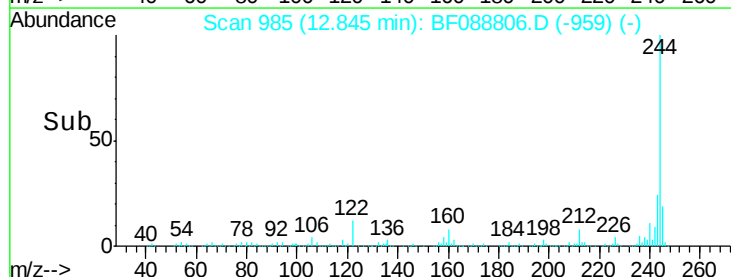
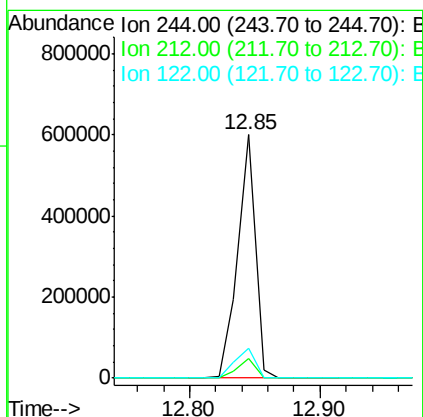
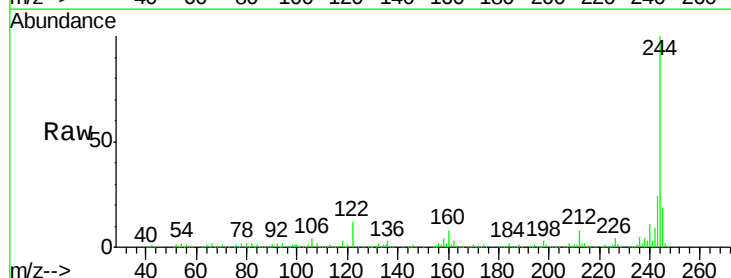
RT: 12.85 min Scan# 985

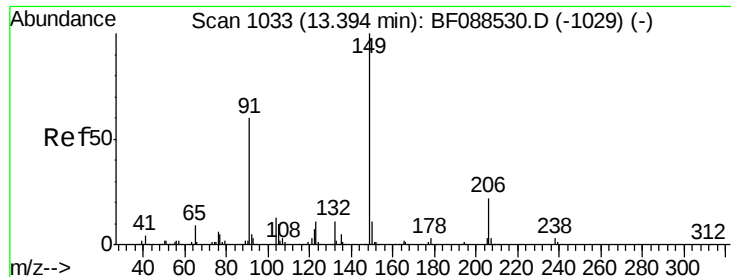
Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Tgt Ion:	244	Resp:	561054
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	12.1	11.2	16.8





#79

Butylbenzylphthalate

Concen: 36.88 ng

RT: 13.33 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 223489

Ion Ratio Lower Upper

149 100

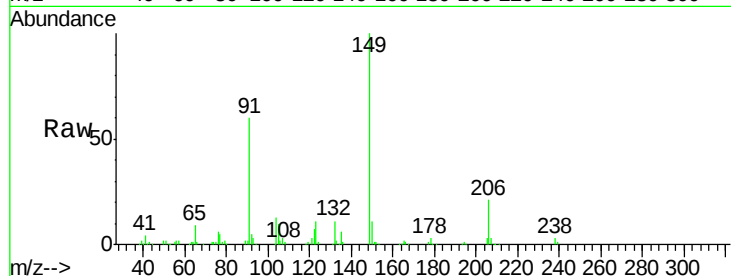
91 60.3 48.0 72.0

206 20.7 16.0 24.0

Manual Integrations

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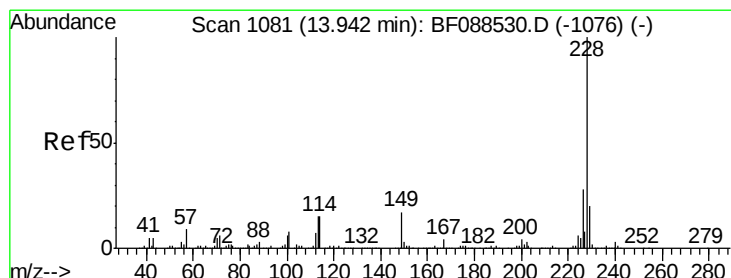
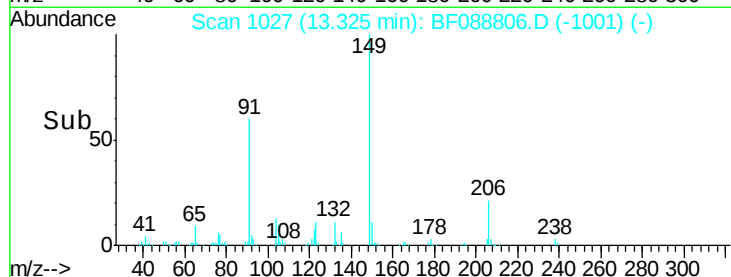
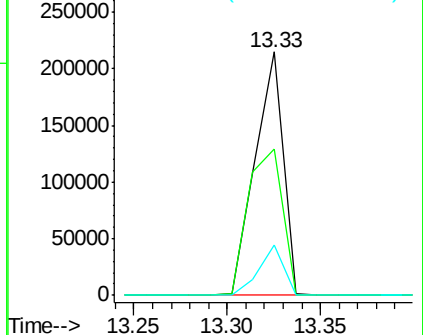
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.73 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

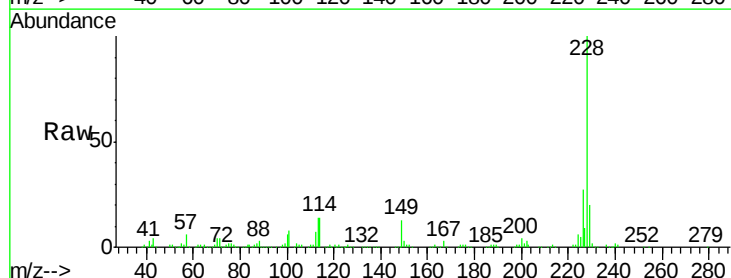
Tgt Ion:228 Resp: 409825

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

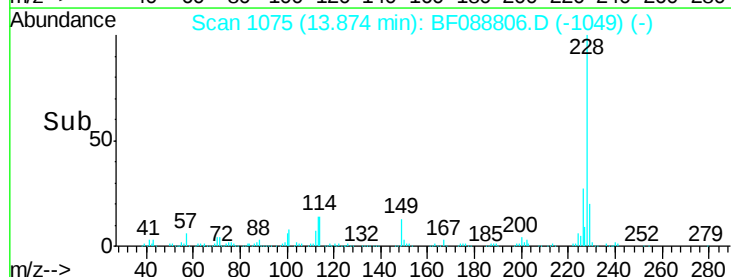
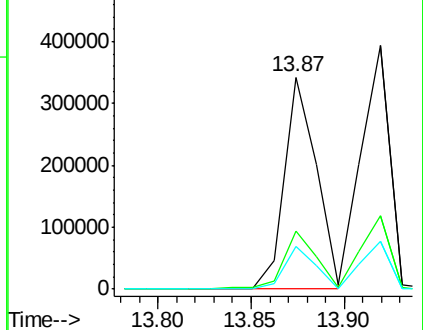
229 20.1 16.0 24.0

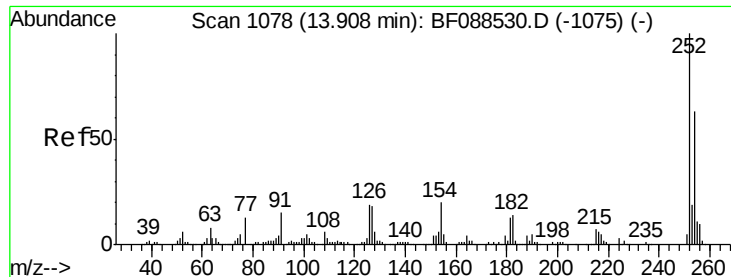


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





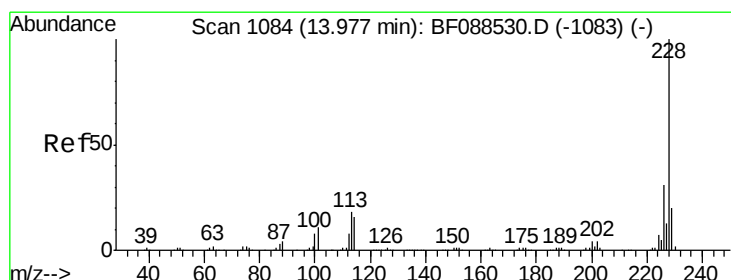
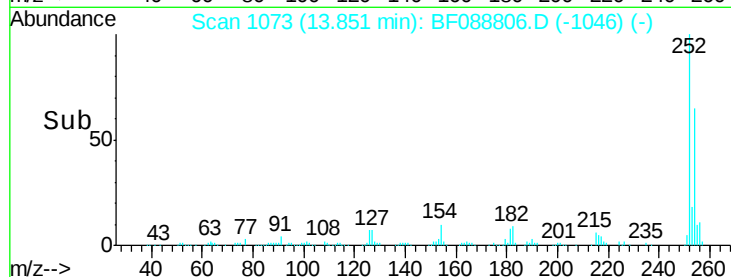
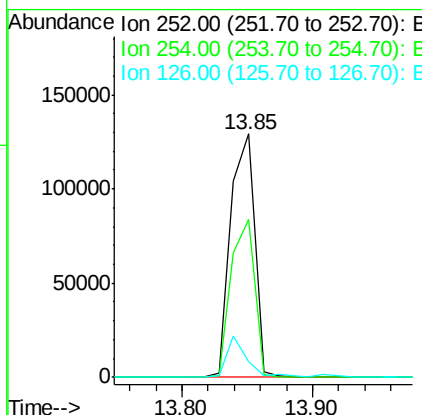
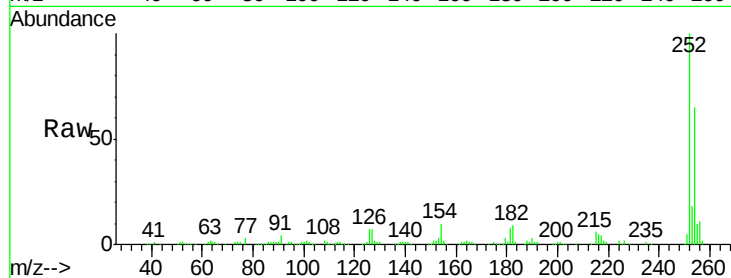
#81
 3,3'-Dichlorobenzidine
 Concen: 42.38 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	6.5	6.2	9.2

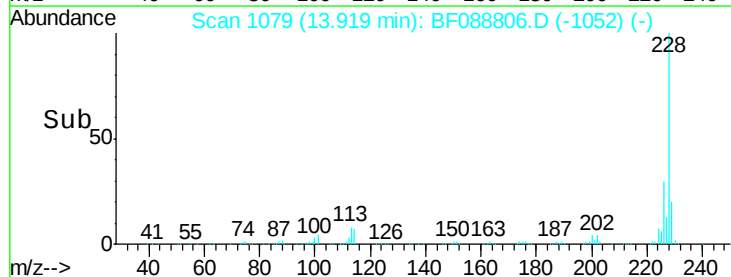
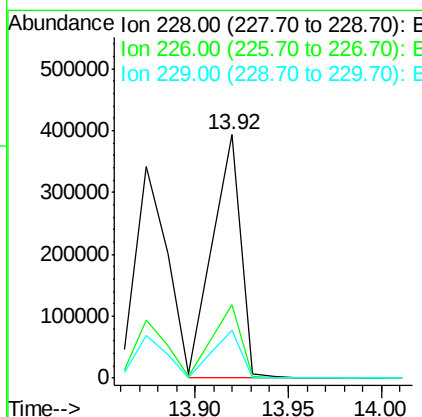
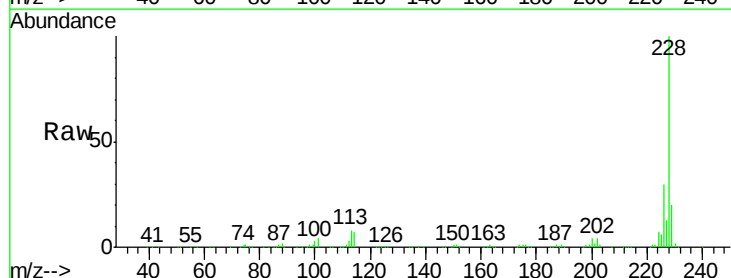
Manual Integrations

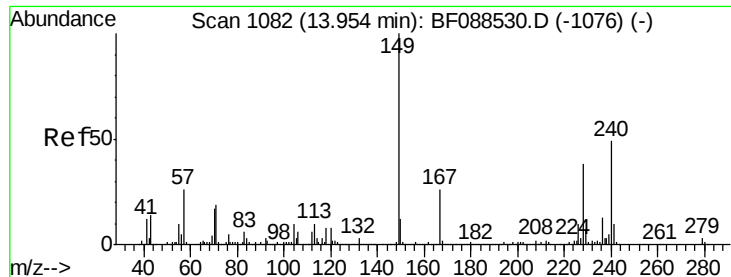
umangi
 7/8/2016 7:08:53 PM



#82
 Chrysene
 Concen: 40.52 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	19.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.80 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 302979

Ion Ratio Lower Upper

149 100

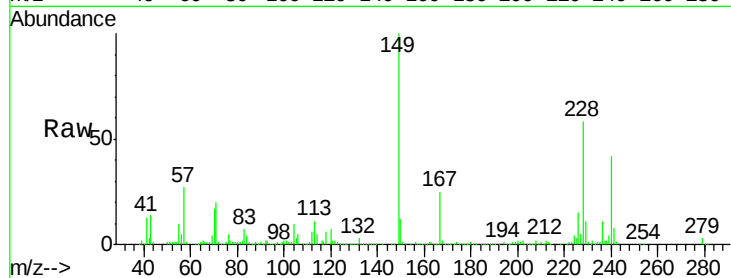
167 25.2 20.5 30.7

279 2.8 2.0 3.0

Manual Integrations

umangi

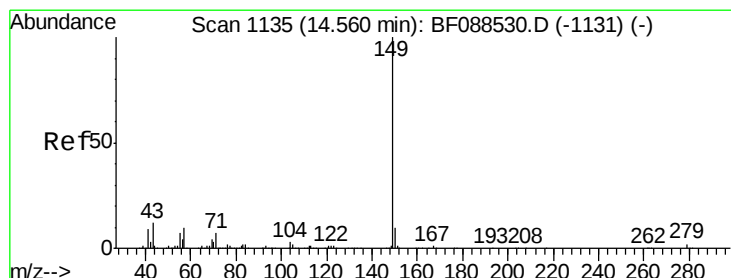
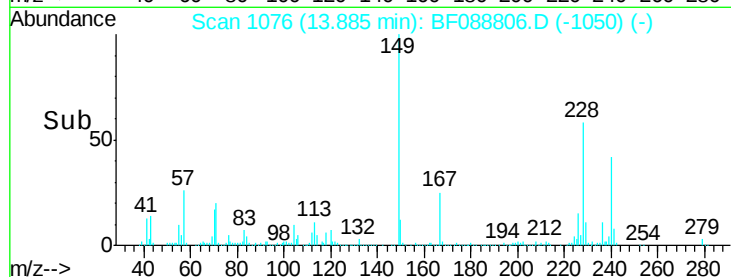
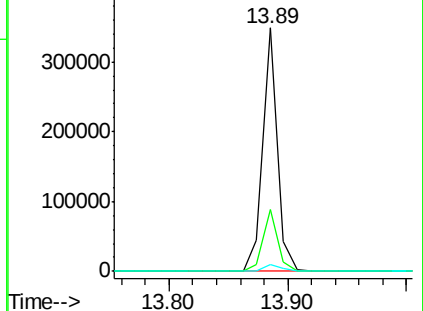
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.29 ng

RT: 14.49 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

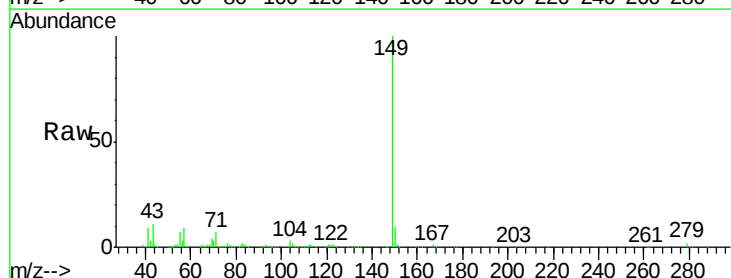
Tgt Ion:149 Resp: 544061

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

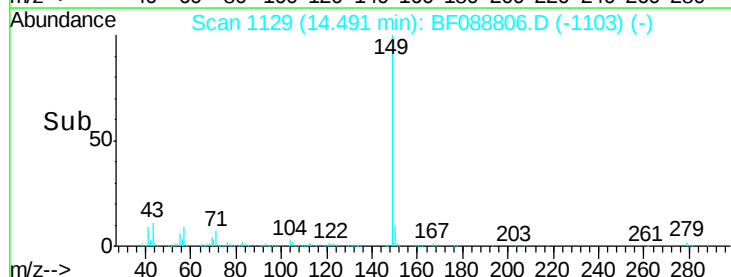
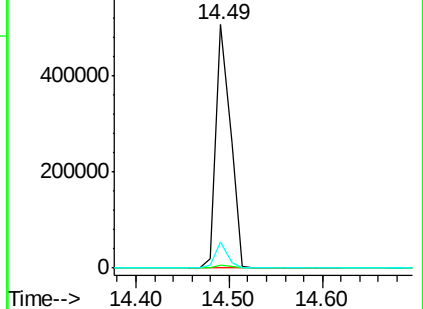
43 9.0 0.0 0.0#

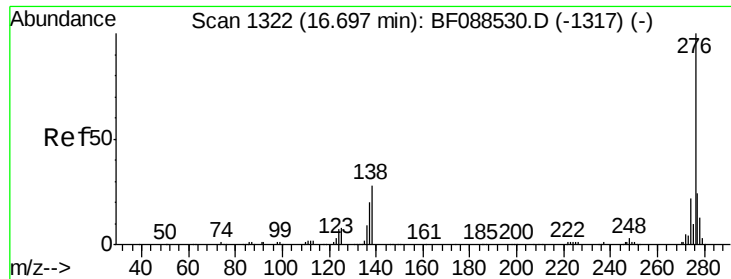


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





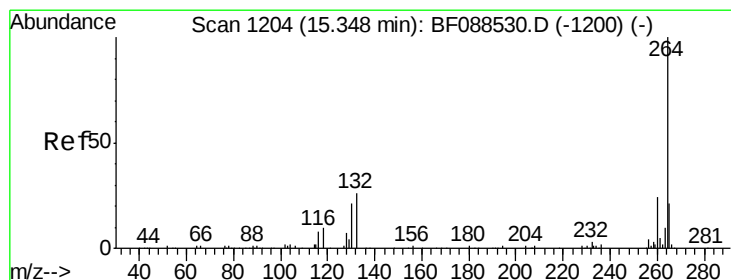
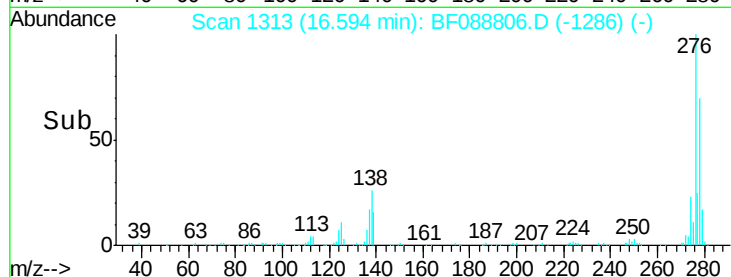
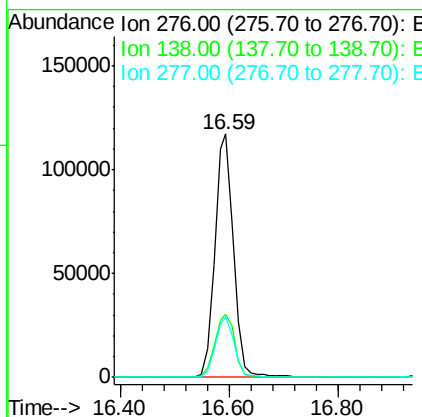
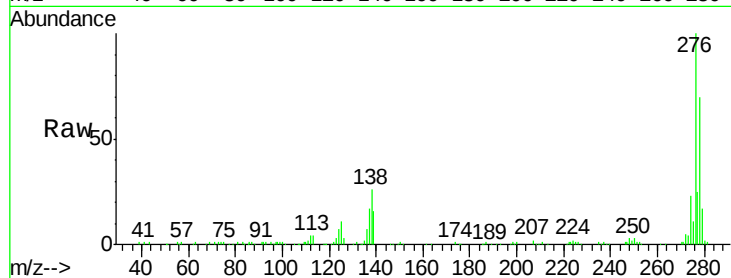
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.14 ng
RT: 16.59 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	283776		
138	27.6	0.0	0.0	0.0
277	24.9	0.0	0.0	0.0

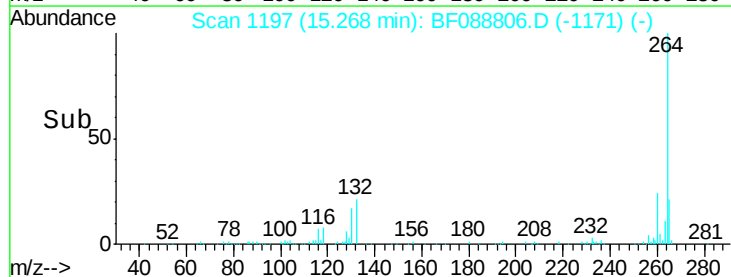
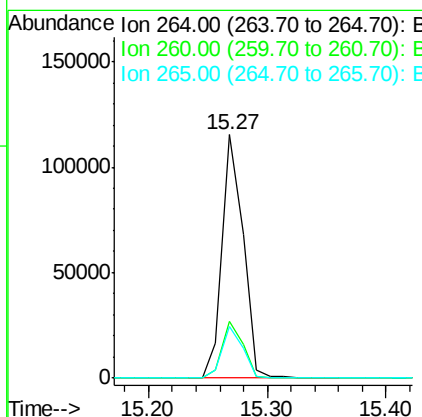
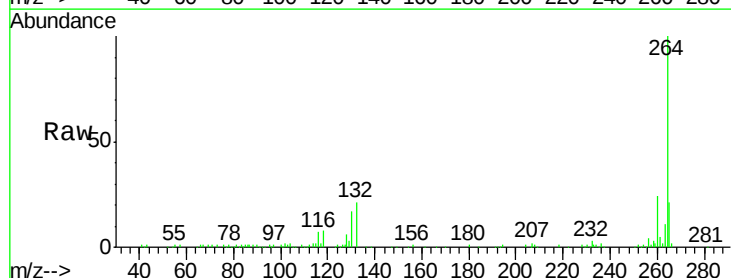
Manual Integrations

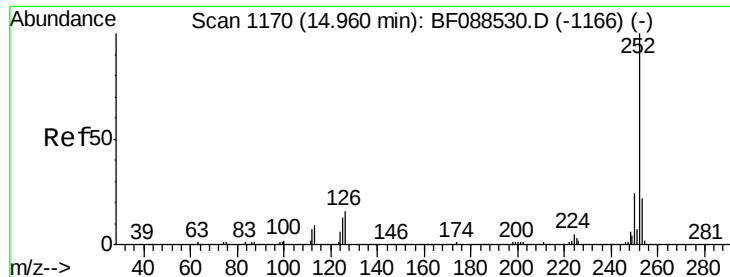
umangi
7/8/2016 7:08:53 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	141409		
260	23.6	19.2	28.8	
265	21.4	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 45.70 ng m

RT: 14.89 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF088806.D

Acq: 8 Jul 2016 4:58

Instrument :

BNA_F

ClientSampleId :

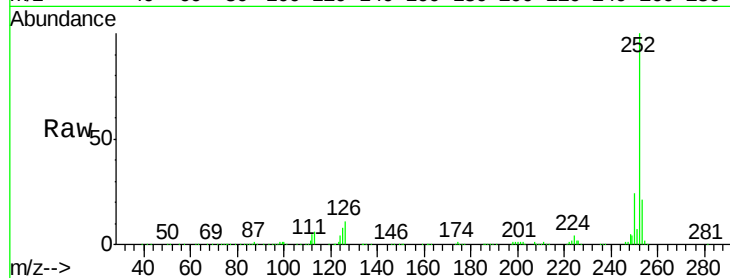
SSTDCCC040

Tot Ion:	252	Resp:	405380
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.2
125	8.5	7.1	10.7

Manual Integrations

umangi

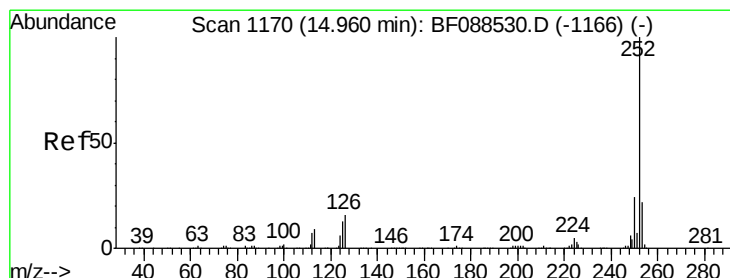
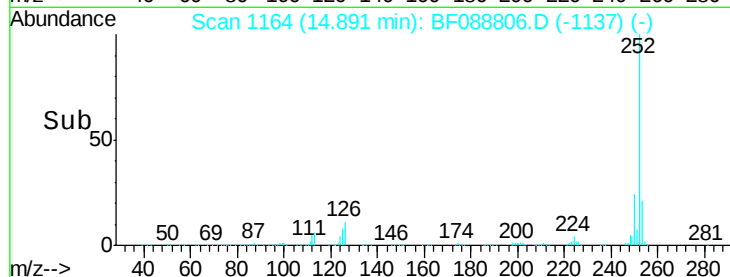
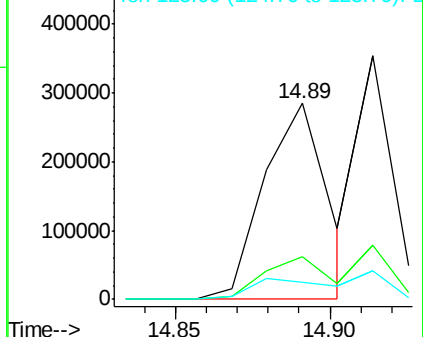
7/8/2016 7:08:53 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.69 ng m

RT: 14.91 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF088806.D

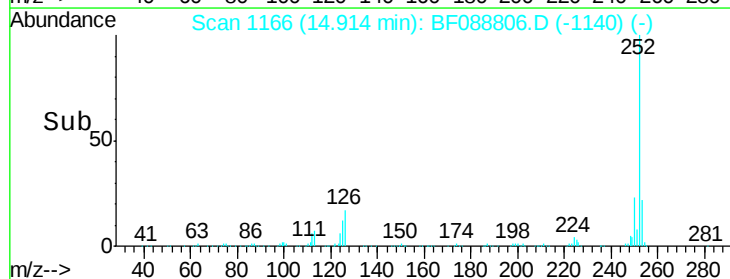
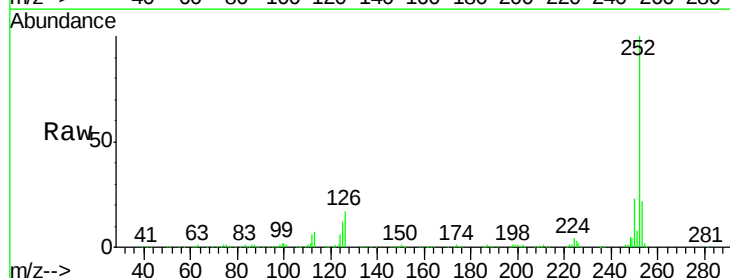
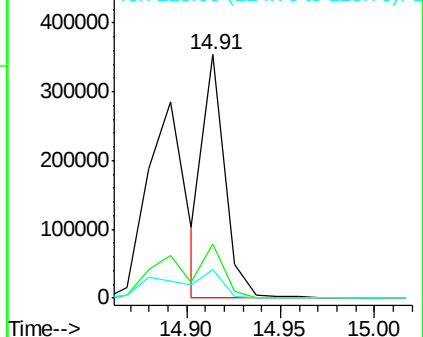
Acq: 8 Jul 2016 4:58

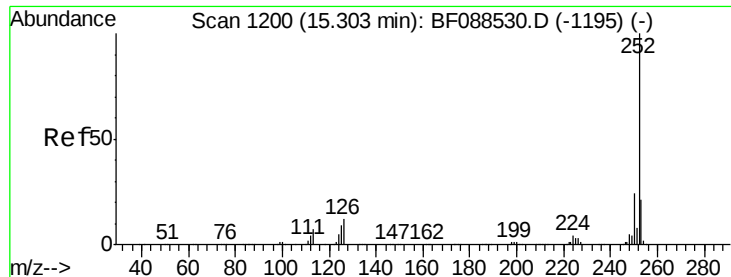
Tgt Ion:	252	Resp:	283323
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	11.7	11.2	16.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





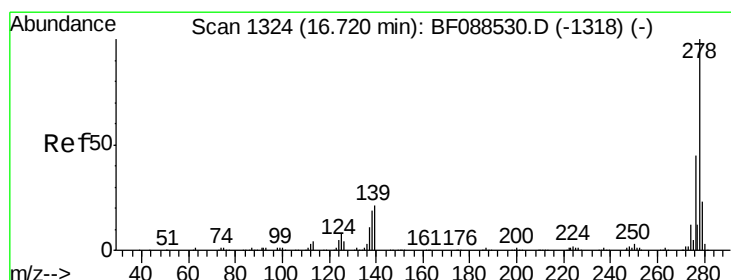
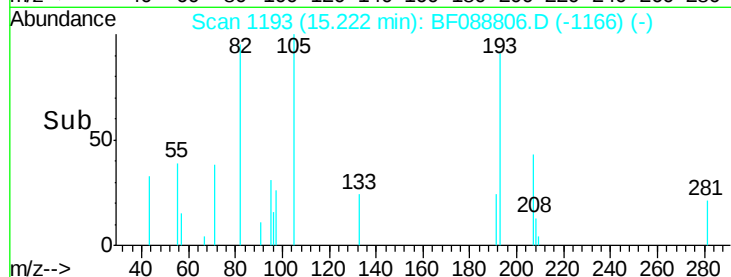
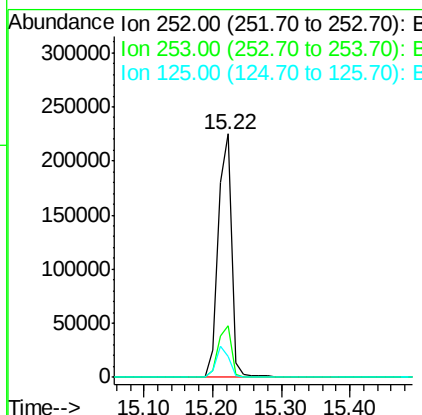
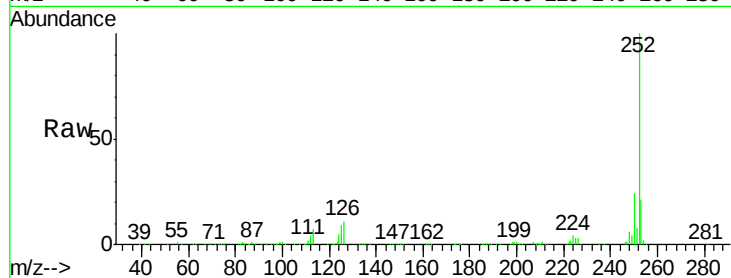
#89
Benzo(a)pyrene
Concen: 41.54 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	8.8	12.5	18.7

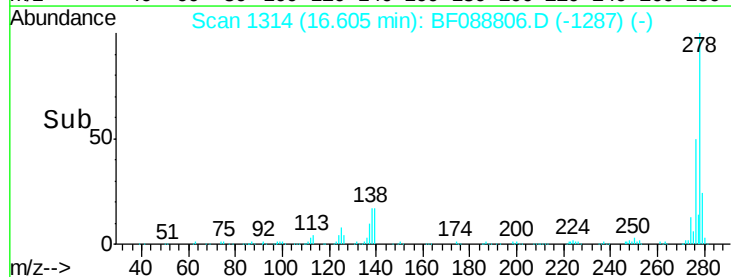
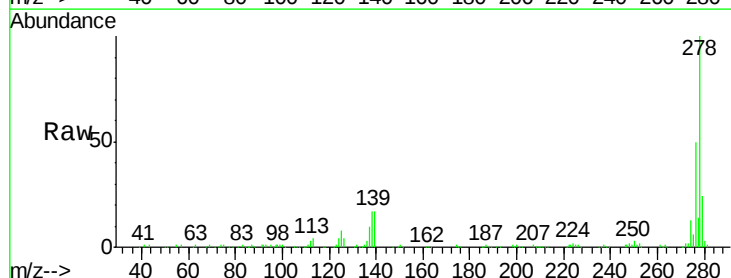
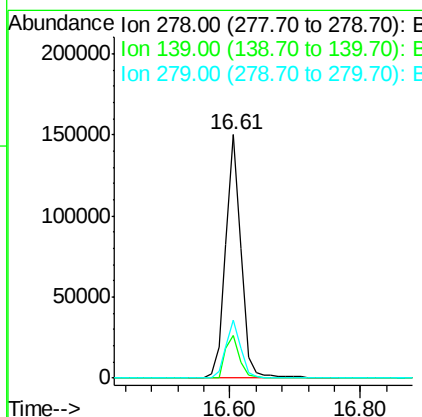
Manual Integrations

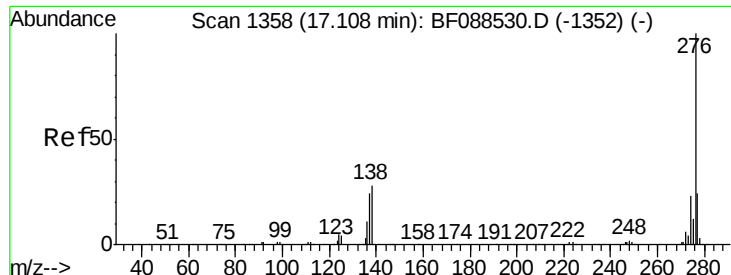
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#90
Dibenzo(a,h)anthracene
Concen: 39.35 ng
RT: 16.61 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF088806.D
Acq: 8 Jul 2016 4:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.7	23.5
279	23.9	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 36.35 ng
 RT: 16.98 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF088806.D
 Acq: 8 Jul 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	235940
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.9	28.3
138	24.6	21.4	32.2

Manual Integrations

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