

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089047.D
 Acq On : 16 Jul 2016 11:07
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

sohil
 7/18/2016 7:36:37 PM

Quant Time: Jul 18 17:11:01 2016
 Quant Method : Y:\HPCHEM1\BNA F\Methods\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	56034	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	232917	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	104156	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	199548	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	139030	20.00	ng	-0.05
86) Perylene-d12	15.18	264	116806	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	301186	80.56	ng	-0.03
7) Phenol-d6	6.32	99	360473	74.62	ng	-0.03
23) Nitrobenzene-d5	7.23	82	323436	72.77	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	69767	72.13	ng	-0.05
44) 2-Fluorobiphenyl	9.04	172	618839	93.85	ng	-0.03
78) Terphenyl-d14	12.77	244	494684	79.25	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	64708	34.91	ng	# 31
3) Pyridine	2.79	79	176871	32.88	ng	95
4) n-Nitrosodimethylamine	2.75	42	73425	35.73	ng	99
6) Aniline	6.32	93	245162	34.82	ng	# 60
8) 2-Chlorophenol	6.46	128	159548	39.70	ng	84
9) Benzaldehyde	6.20	77	109752	33.54	ng	89
10) Phenol	6.33	94	197710	35.86	ng	# 52
11) bis(2-Chloroethyl)ether	6.41	93	162073	39.42	ng	84
12) 1,3-Dichlorobenzene	6.60	146	189026	42.75	ng	98
13) 1,4-Dichlorobenzene	6.68	146	183401	41.79	ng	99
14) 1,2-Dichlorobenzene	6.83	146	159639m	38.86	ng	
15) Benzyl Alcohol	6.81	79	137812	38.76	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.95	45	189997	31.91	ng	# 45
17) 2-Methylphenol	6.94	107	119985	36.60	ng	# 93
18) Hexachloroethane	7.18	117	70496	41.52	ng	89
19) n-Nitroso-di-n-propylamine	7.10	70	121791	37.53	ng	# 86
20) 3+4-Methylphenols	7.10	107	160264	40.73	ng	# 79
22) Acetophenone	7.08	105	244080	43.18	ng	# 93
24) Nitrobenzene	7.26	77	195994	43.74	ng	90
25) Isophorone	7.50	82	295630	35.91	ng	95
26) 2-Nitrophenol	7.56	139	80558	43.84	ng	# 88
27) 2,4-Dimethylphenol	7.62	122	143838	37.58	ng	88
28) bis(2-Chloroethoxy)methane	7.71	93	207305	38.69	ng	# 95
29) 2,4-Dichlorophenol	7.82	162	124760	40.33	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	144509	42.57	ng	99
31) Naphthalene	7.98	128	499259	43.48	ng	99
32) Benzoic acid	7.77	122	111394	40.09	ng	91
33) 4-Chloroaniline	8.03	127	205852	40.29	ng	# 93
34) Hexachlorobutadiene	8.09	225	74169	40.81	ng	97
35) Caprolactam	8.41	113	36153	34.41	ng	94
36) 4-Chloro-3-methylphenol	8.52	107	163662	44.74	ng	94
37) 2-Methylnaphthalene	8.66	142	288403	39.01	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	167962	48.48	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	63953	37.61	ng	100

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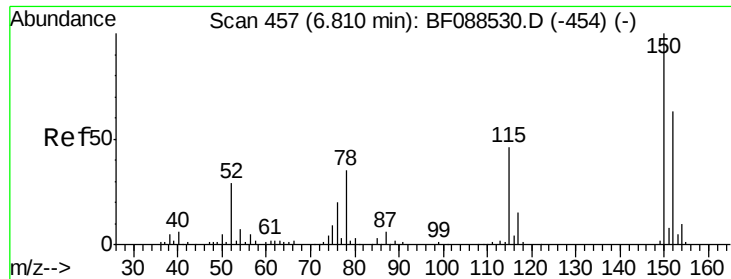
Manual Integrations

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 7/18/2016 7:36:37 PM

Quant Time: Jul 18 17:11:01 2016
 Quant Method : Y:\HPCHEM1\BNA F\Methods\8270-BF063016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	87289	38.22	nq	97
43) 2,4,5-Trichlorophenol	8.99	196	90453	46.03	nq #	92
45) 1,1'-Biphenyl	9.13	154	357868	41.49	nq	98
46) 2-Chloronaphthalene	9.15	162	298043	44.02	nq	99
47) 2-Nitroaniline	9.26	65	111609	46.45	nq	90
48) Acenaphthylene	9.56	152	448858	41.66	nq	99
49) Dimethylphthalate	9.44	163	292107	39.37	nq	99
50) 2,6-Dinitrotoluene	9.50	165	64712	39.35	nq #	36
51) Acenaphthene	9.74	154	275505	41.72	nq	99
52) 3-Nitroaniline	9.67	138	87847	42.02	nq	95
53) 2,4-Dinitrophenol	9.77	184	31998	44.06	nq #	70
54) Dibenzofuran	9.91	168	343844	39.78	nq #	86
55) 4-Nitrophenol	9.85	139	64353	40.51	nq #	75
56) 2,4-Dinitrotoluene	9.91	165	100064	46.54	nq #	73
57) Fluorene	10.25	166	294697	44.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	64759	42.59	nq #	48
59) Diethylphthalate	10.14	149	312655	41.98	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	146894	47.46	nq	93
61) 4-Nitroaniline	10.28	138	93142	46.30	nq	88
62) Azobenzene	10.41	77	348382	41.01	nq	93
64) 4,6-Dinitro-2-methylphenol	10.31	198	49342	46.23	nq #	74
65) n-Nitrosodiphenylamine	10.36	169	258865	38.33	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	73433	36.52	nq #	66
67) Hexachlorobenzene	10.80	284	86146	38.70	nq	95
68) Atrazine	10.90	200	79129	37.60	nq	93
69) Pentachlorophenol	10.99	266	42025	31.90	nq	97
70) Phenanthrene	11.21	178	487522	44.69	nq	99
71) Anthracene	11.26	178	418236	38.56	nq	99
72) Carbazole	11.42	167	408018	39.97	nq	99
73) Di-n-butylphthalate	11.76	149	538776	45.37	nq	99
74) Fluoranthene	12.39	202	474239	42.89	nq	98
76) Benzidine	12.53	184	377228	53.68	nq	98
77) Pyrene	12.62	202	507573	43.06	nq	99
79) Butylbenzylphthalate	13.25	149	206560	39.28	nq #	83
80) Benzo(a)anthracene	13.79	228	359779	40.19	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	139549	41.46	nq #	98
82) Chrysene	13.84	228	368664	41.62	nq	98
83) Bis(2-ethylhexyl)phthalate	13.81	149	251438	41.88	nq #	96
84) Di-n-octyl phthalate	14.42	149	403434	39.56	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	255002	37.42	nq #	100
87) Benzo(b)fluoranthene	14.80	252	291271m	39.75	nq	
88) Benzo(k)fluoranthene	14.83	252	281526m	44.13	nq	
89) Benzo(a)pyrene	15.12	252	257994	41.59	nq	97
90) Dibenzo(a,h)anthracene	16.47	278	219231	42.32	nq	97
91) Benzo(g,h,i)perylene	16.85	276	221268	41.28	nq	95

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



#1

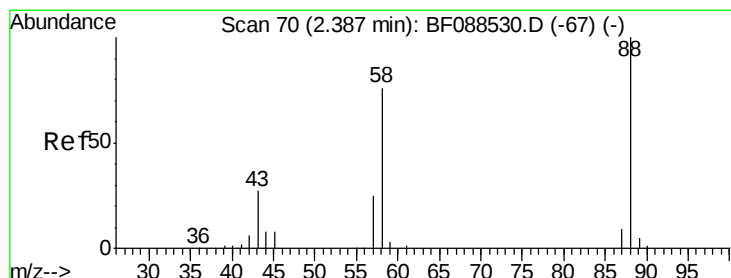
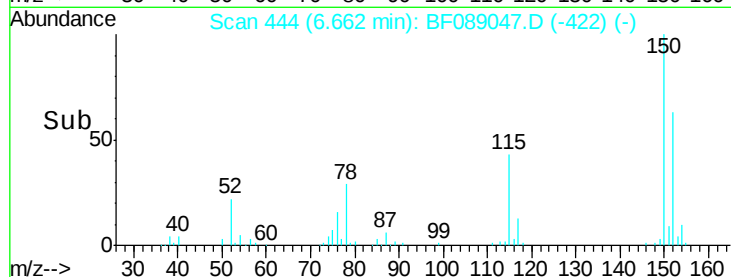
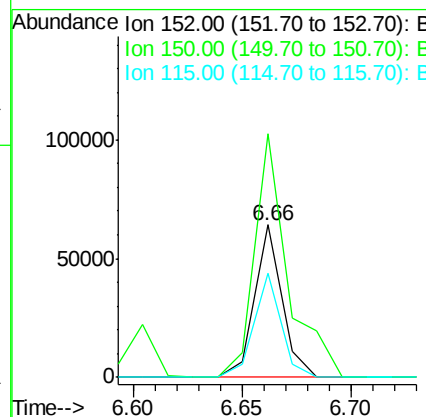
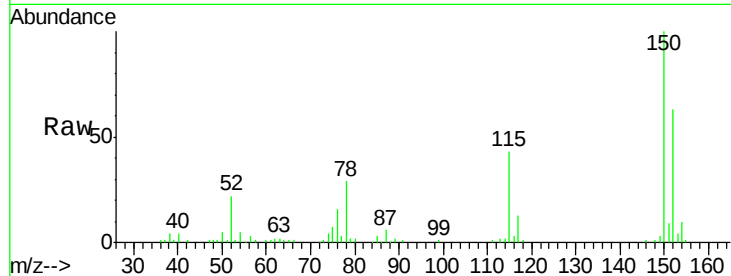
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.8	185.6
115	67.9	39.6	59.4

Manual Integrations

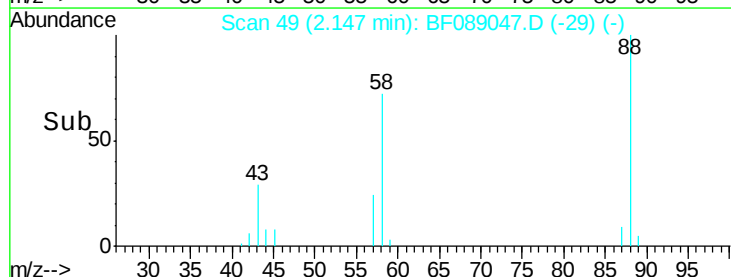
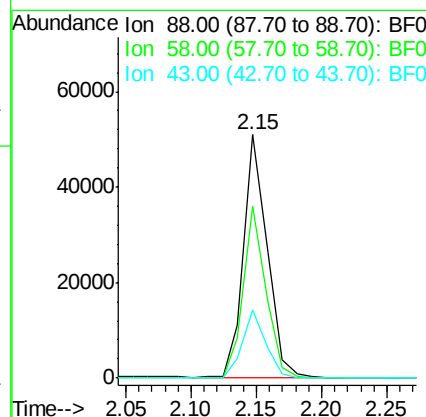
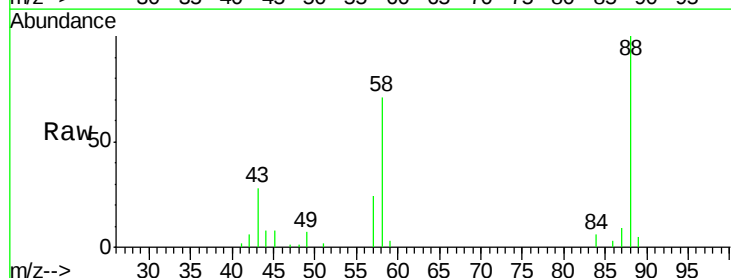
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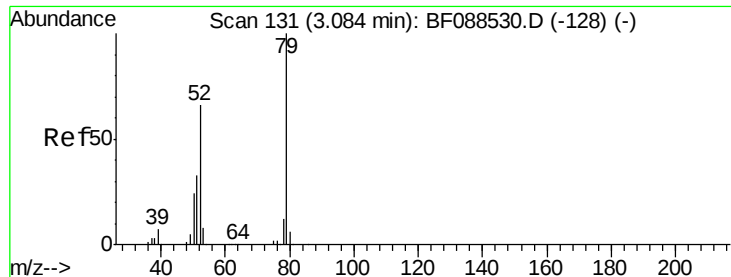


#2

1,4-Dioxane
Concen: 34.91 ng
RT: 2.15 min Scan# 49
Delta R.T. -0.07 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	0.0	0.0
43	27.1	3.4	5.2





#3

Pvridine

Concen: 32.88 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.09 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

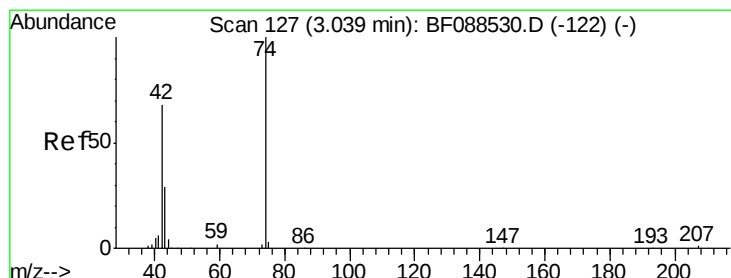
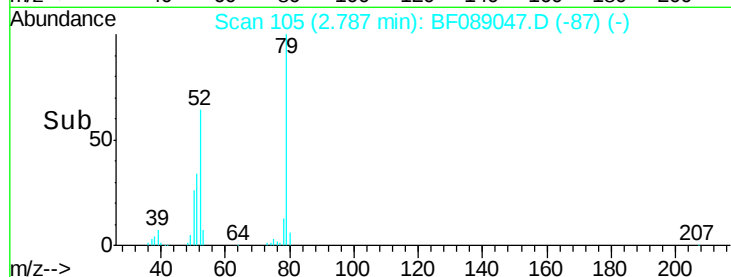
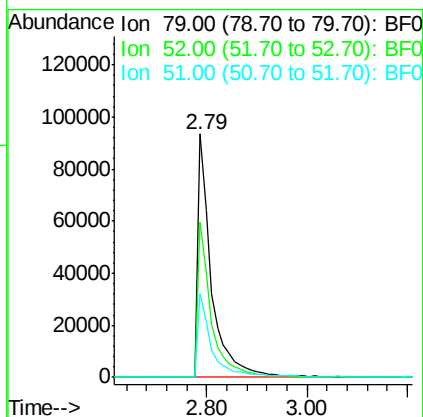
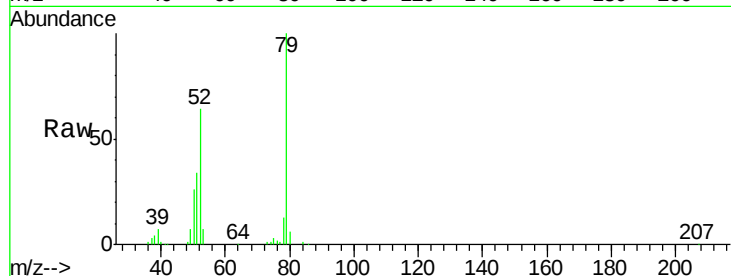
SSTDCCC040

Tot Ion:	79	Resp:	176871
Ion	Ratio	Lower	Upper
79	100		
52	63.8	56.3	84.5
51	34.2	27.4	41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 35.73 ng

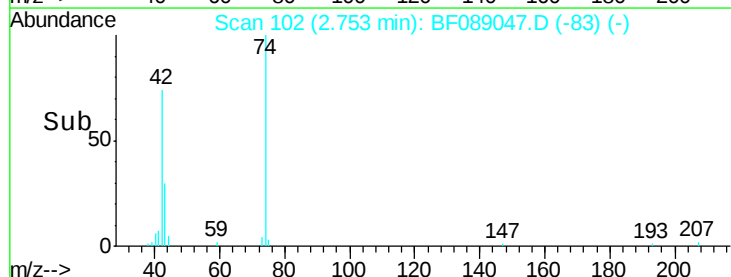
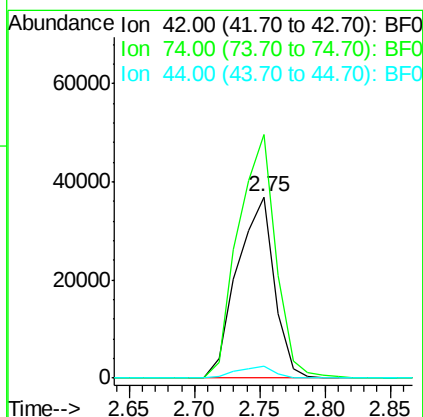
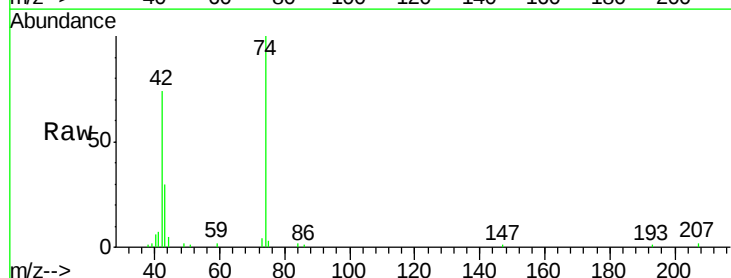
RT: 2.75 min Scan# 102

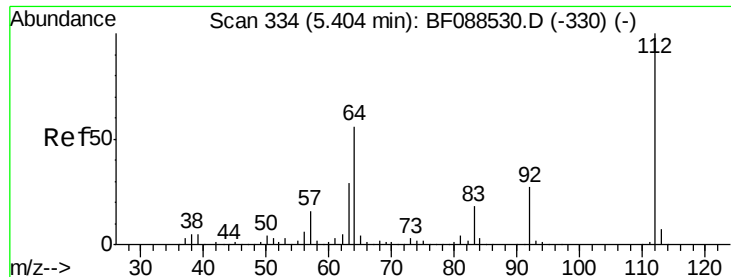
Delta R.T. -0.08 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	42	Resp:	73425
Ion	Ratio	Lower	Upper
42	100		
74	134.5	108.6	163.0
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 80.56 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

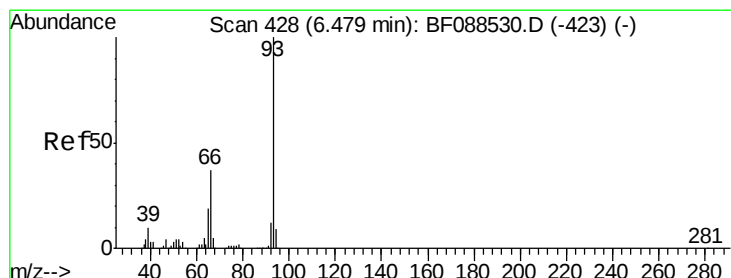
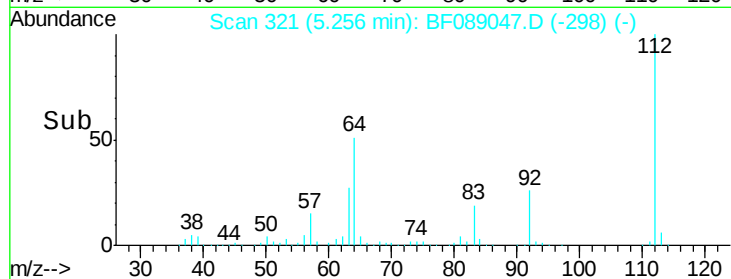
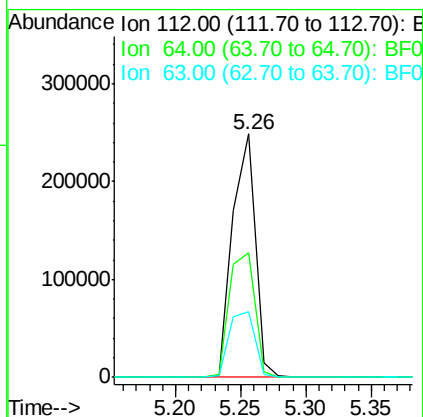
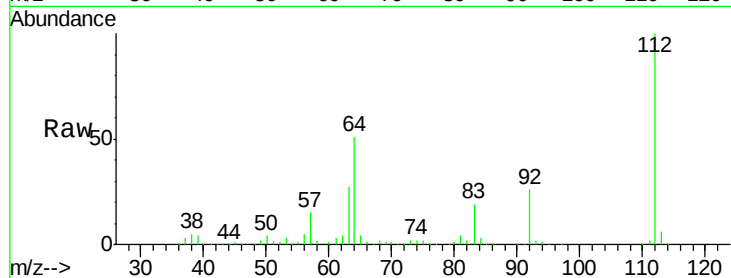
SSTDCCC040

Tot Ion:	112	Resp:	301186
Ion Ratio	Lower	Upper	
112	100		
64	51.0	42.2	63.2
63	27.2	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 34.82 ng

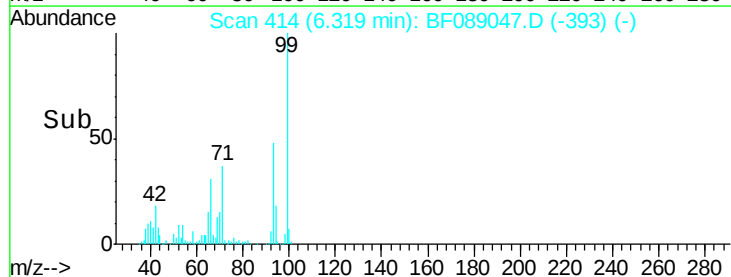
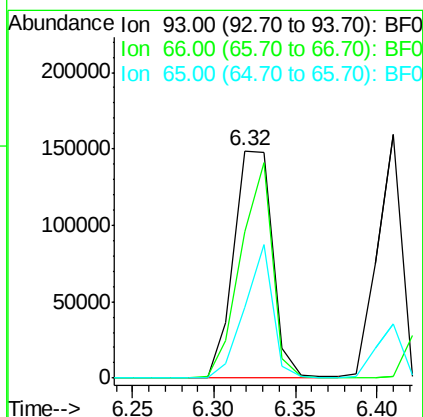
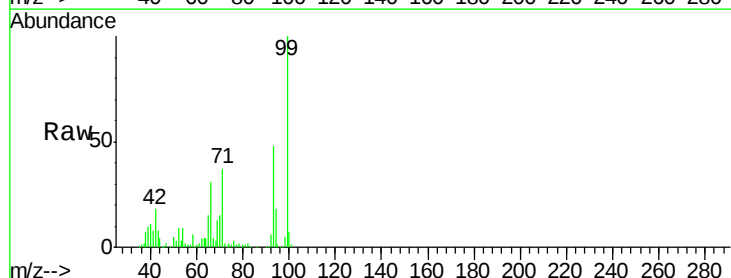
RT: 6.32 min Scan# 414

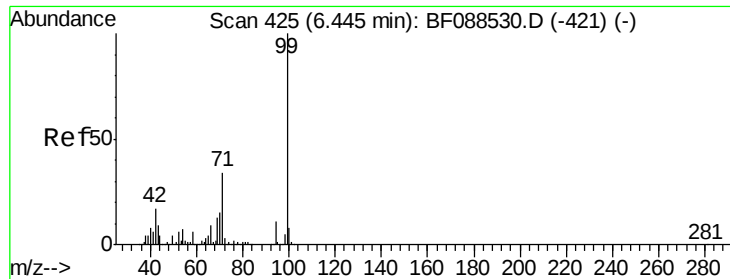
Delta R.T. -0.06 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	93	Resp:	245162
Ion Ratio	Lower	Upper	
93	100		
66	64.5	29.8	44.8#
65	31.1	14.9	22.3#





#7

Phenol-d6

Concen: 74.62 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

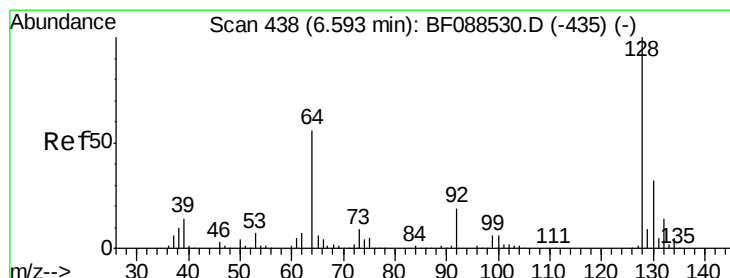
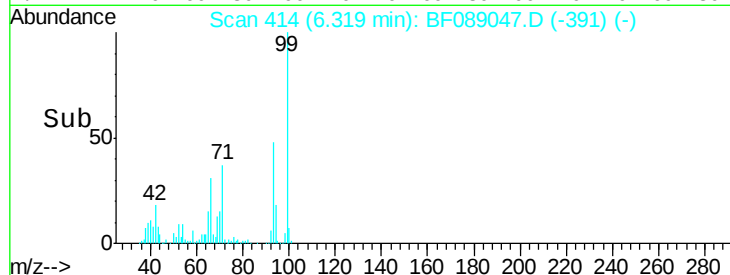
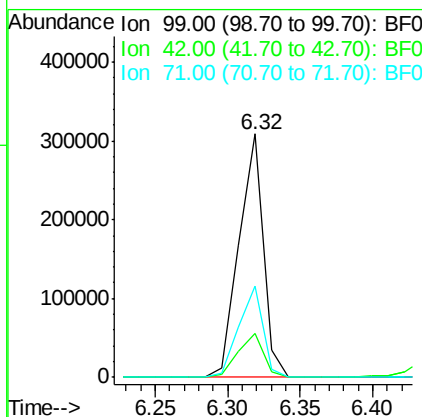
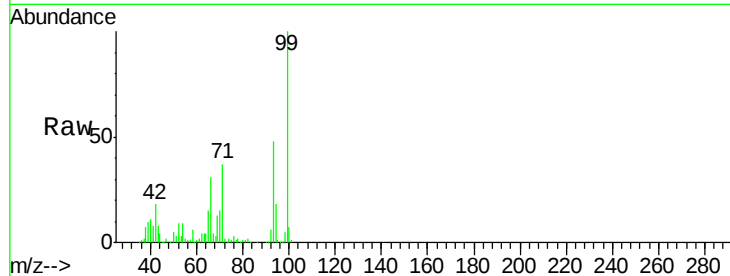
SSTDCCC040

Tot Ion:	99	Resp:	360473
Ion	Ratio	Lower	Upper
99	100		
42	18.2	12.2	18.2
71	37.3	23.4	35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.70 ng

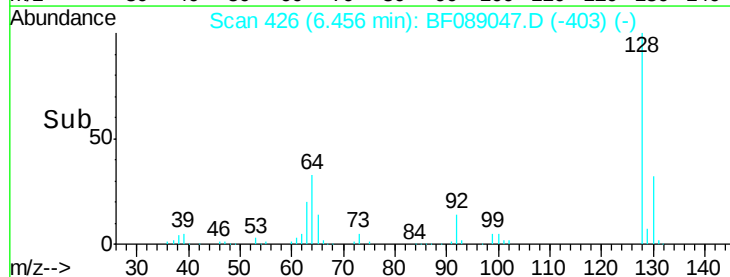
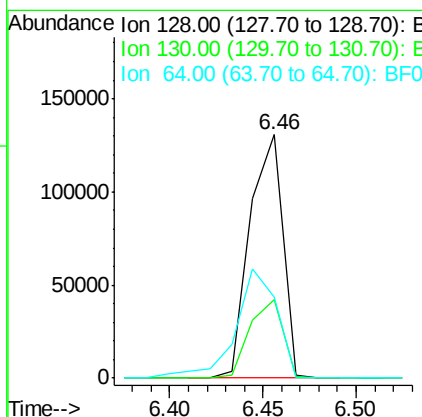
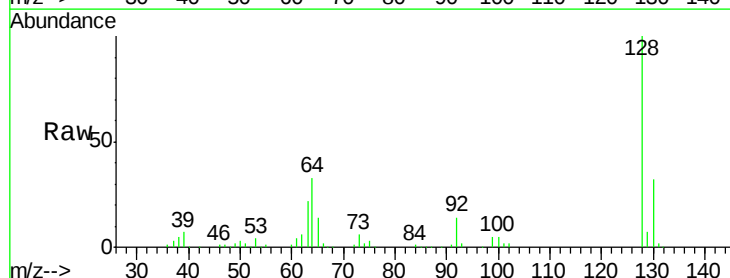
RT: 6.46 min Scan# 426

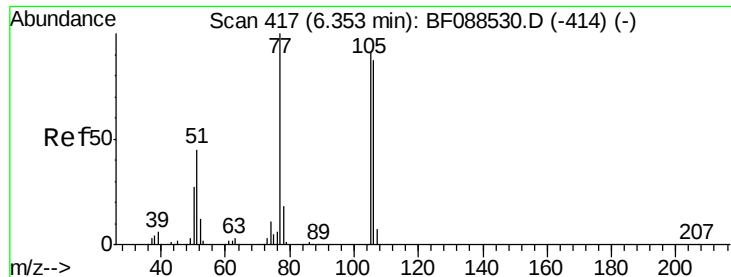
Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	128	Resp:	159548
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	33.4	30.8	70.8





#9

Benzaldehyde

Concen: 33.54 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

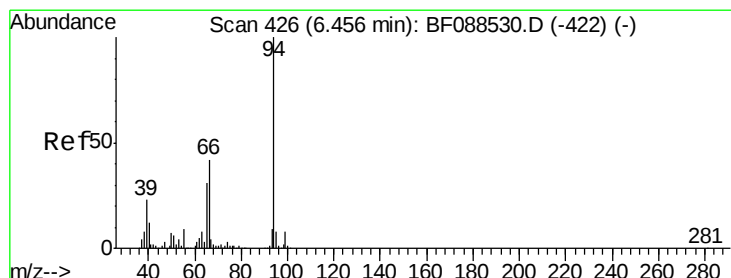
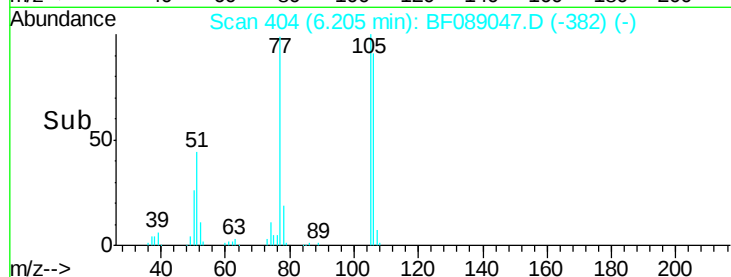
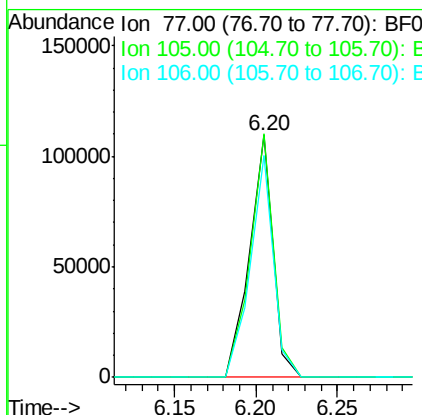
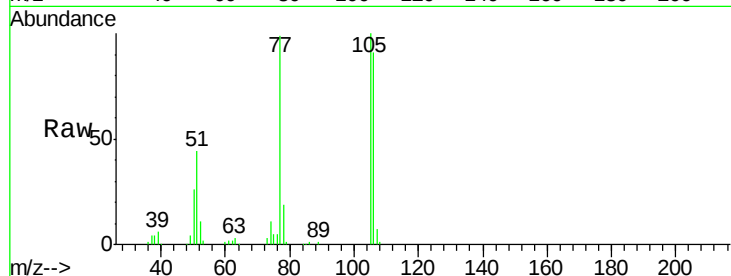
SSTDCCC040

Tot Ion:	77	Resp:	109752
Ion	Ratio	Lower	Upper
77	100		
105	100.6	90.6	130.6
106	91.6	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 35.86 ng

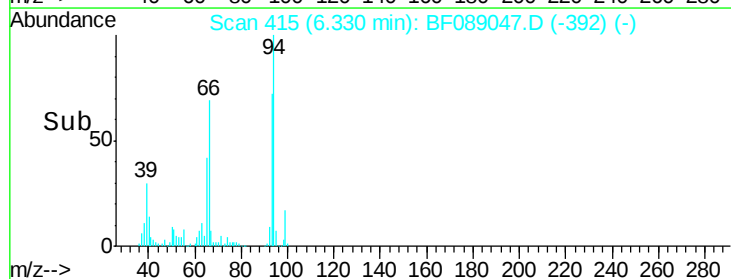
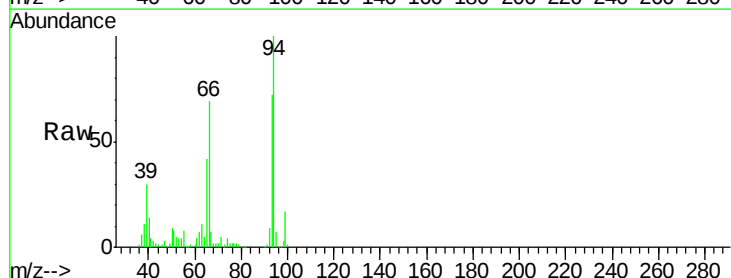
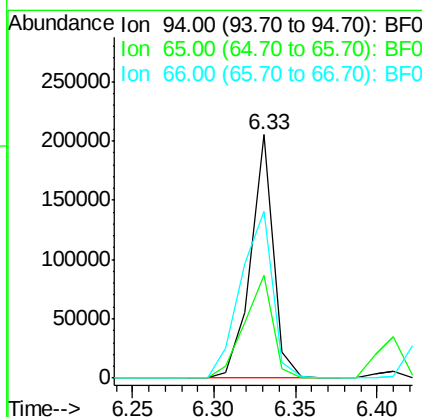
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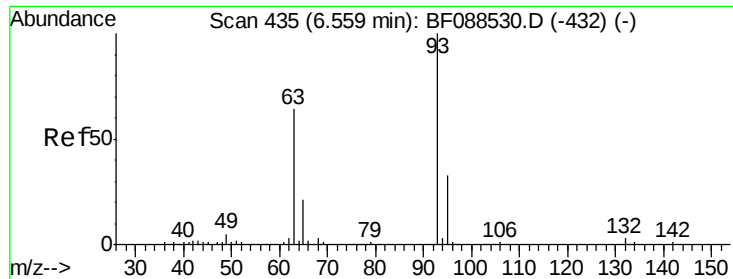
Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	94	Resp:	197710
Ion	Ratio	Lower	Upper
94	100		
65	42.5	5.9	45.9
66	68.7	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 39.42 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

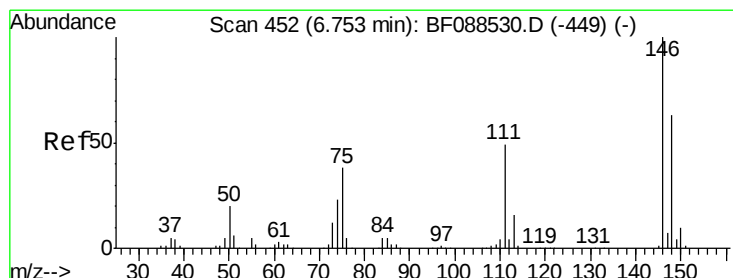
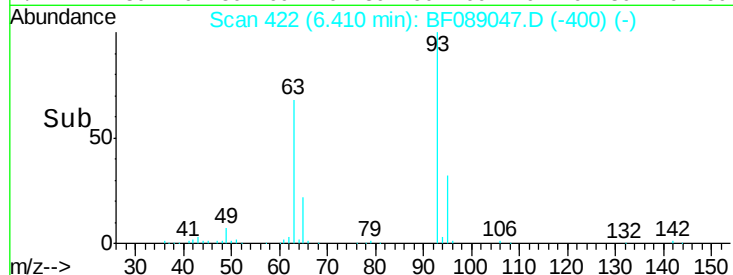
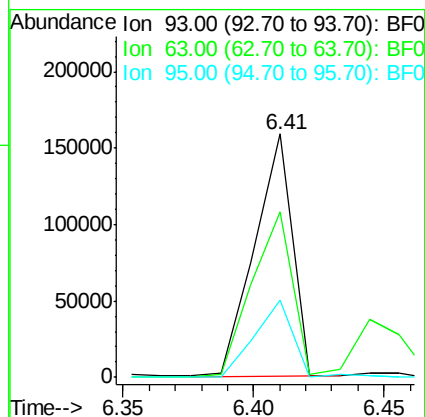
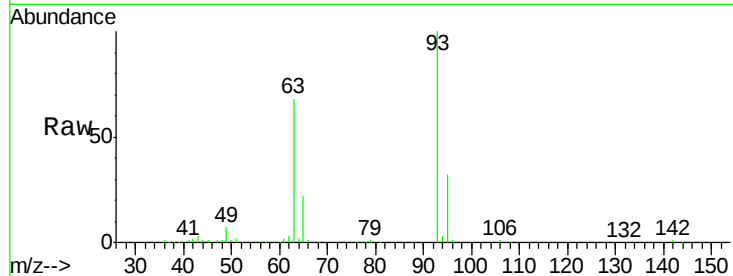
SSTDCCC040

Tot Ion:	93	Resp:	162073
Ion	Ratio	Lower	Upper
93	100		
63	67.8	67.6	107.6
95	31.8	12.5	52.5

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 42.75 ng

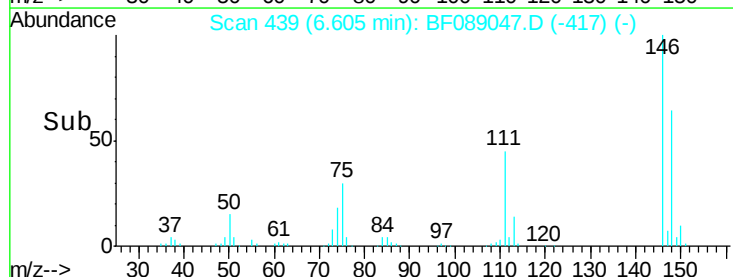
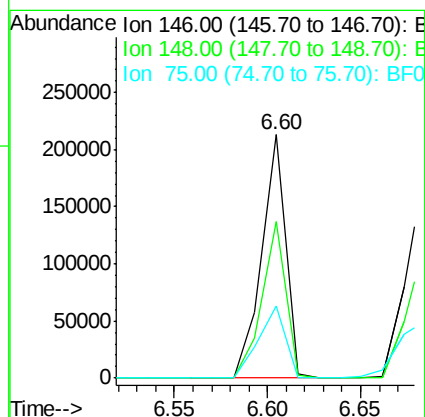
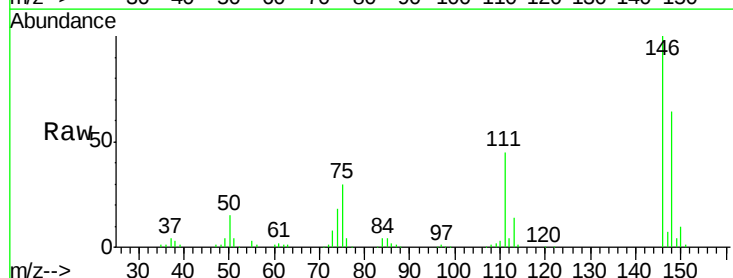
RT: 6.60 min Scan# 439

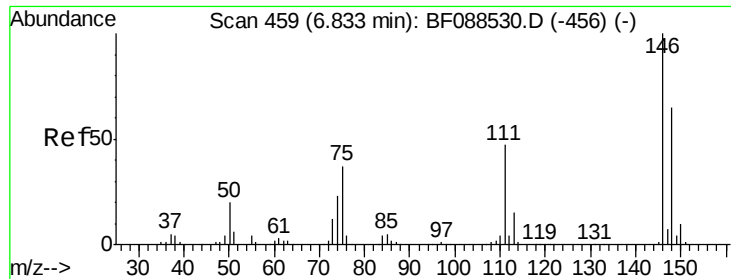
Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	146	Resp:	189026
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	29.5	25.6	38.4





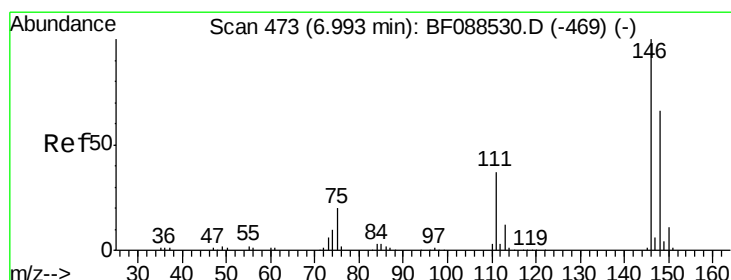
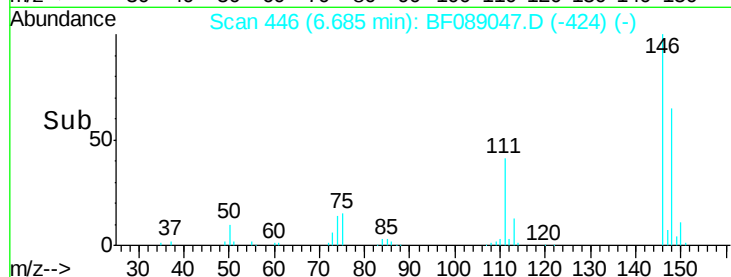
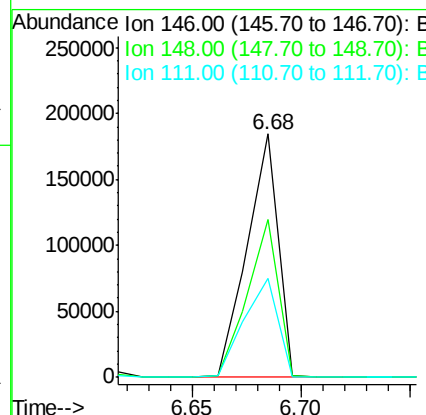
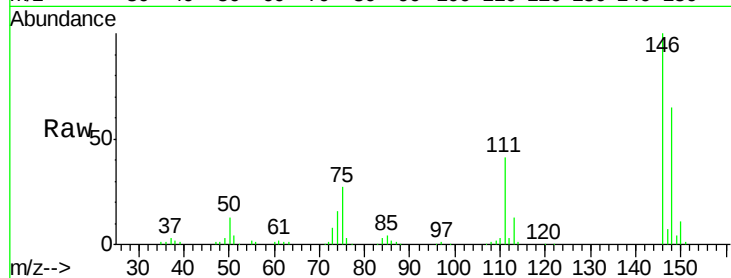
#13
 1,4-Dichlorobenzene
 Concen: 41.79 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.0	78.0
111	40.9	33.8	50.8

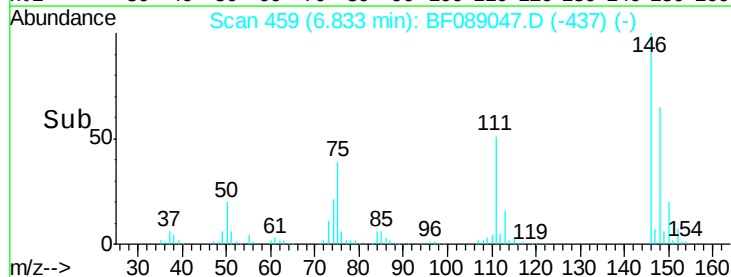
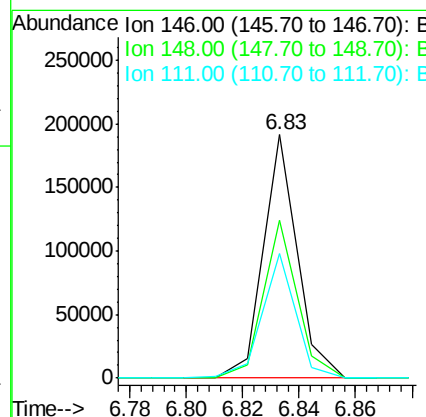
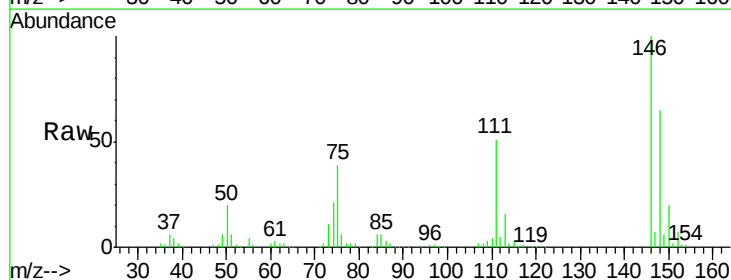
Manual Integrations

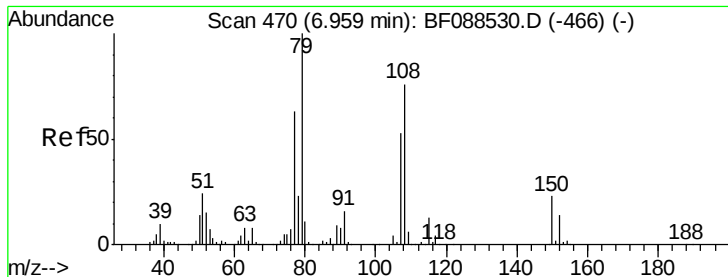
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.86 ng m
 RT: 6.83 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
111	51.3	28.7	43.1#





#15

Benzyl Alcohol

Concen: 38.76 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

Client Sampled :

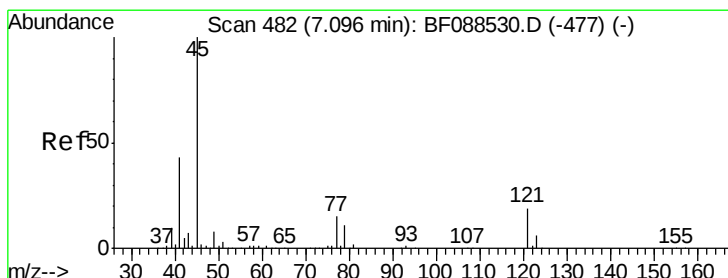
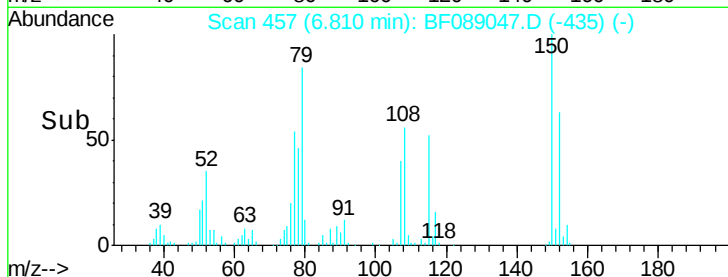
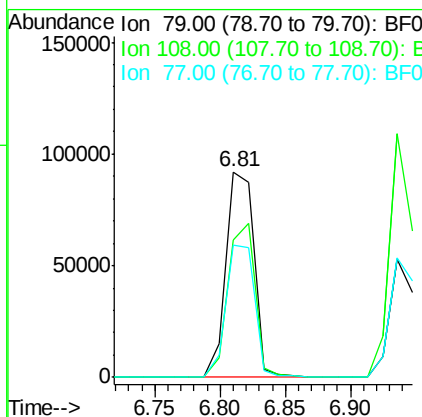
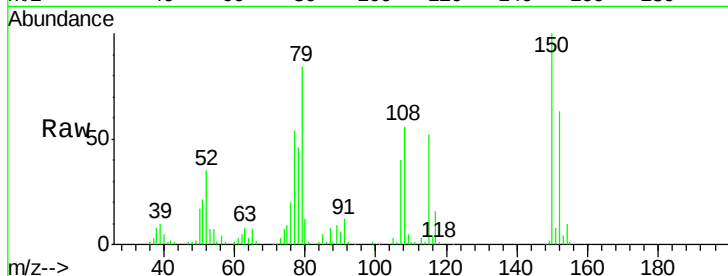
SSTDCCC040

Tot Ion:	79	Resp:	137812
Ion Ratio	Lower	Upper	
79	100		
108	67.0	65.0	97.6
77	64.2	50.3	75.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.91 ng

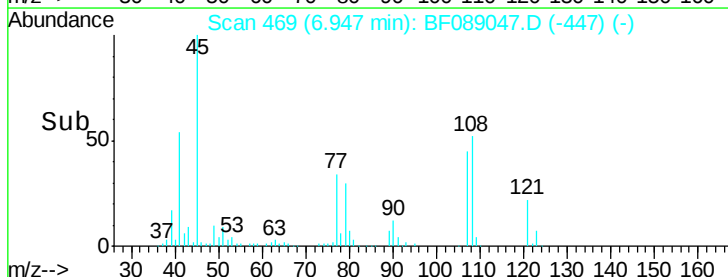
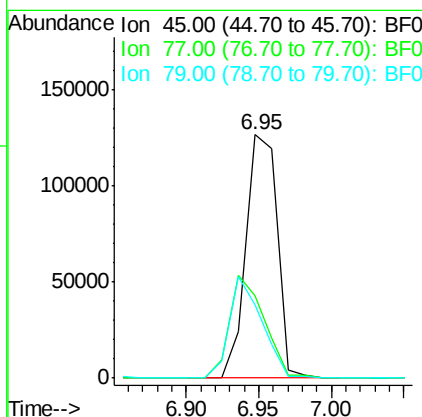
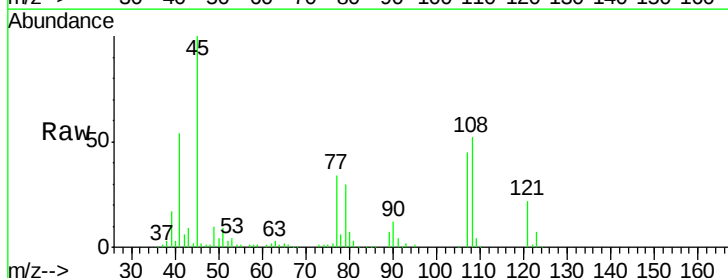
RT: 6.95 min Scan# 469

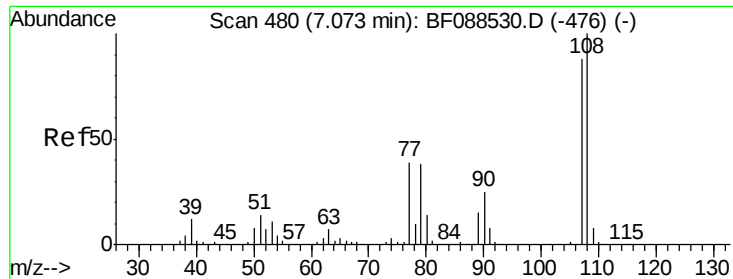
Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	45	Resp:	189997
Ion Ratio	Lower	Upper	
45	100		
77	33.9	0.0	32.5#
79	30.2	0.0	29.5#





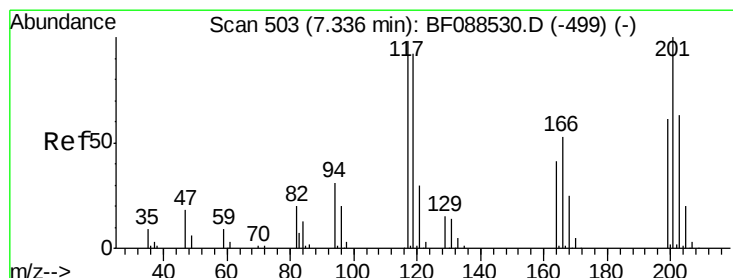
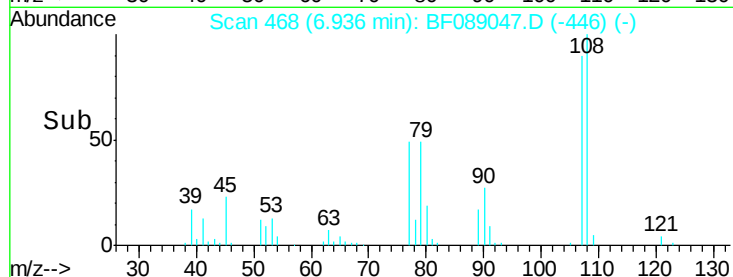
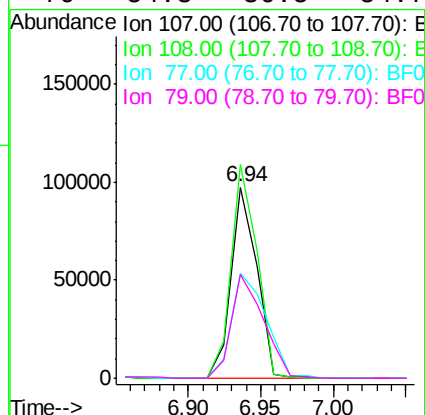
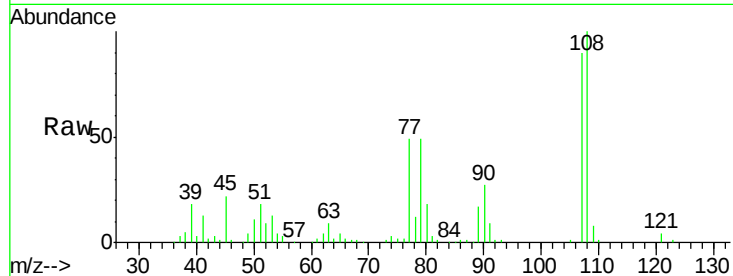
#17
2-Methylphenol
Concen: 36.60 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		119985		
108	111.6	90.9	136.3		
77	55.0	36.6	55.0#		
79	54.3	36.5	54.7		

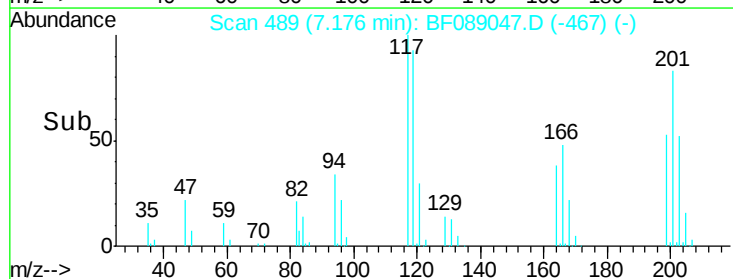
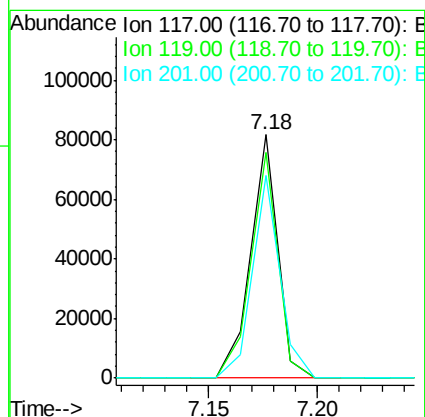
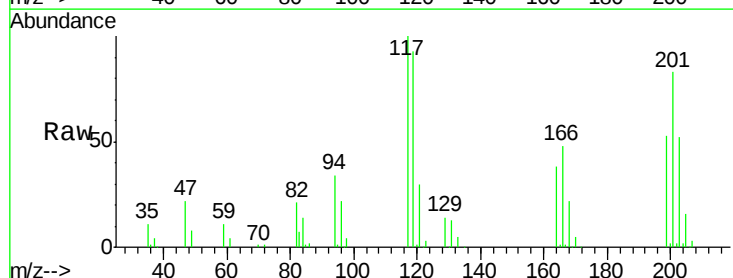
Manual Integrations

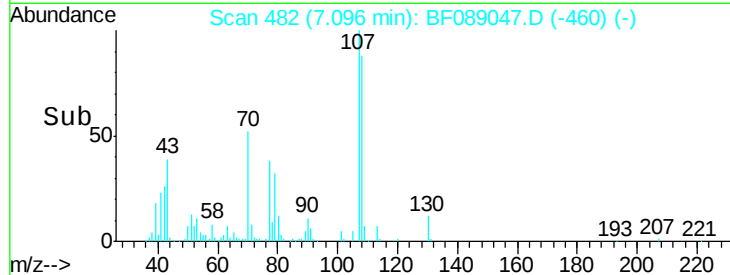
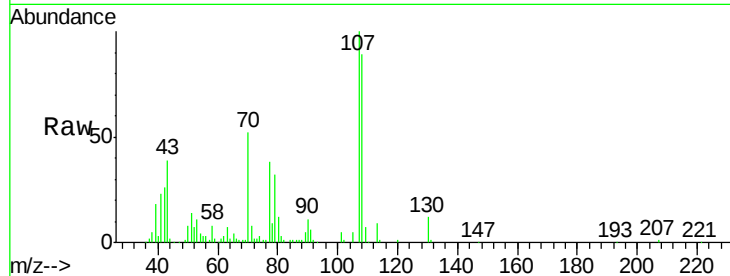
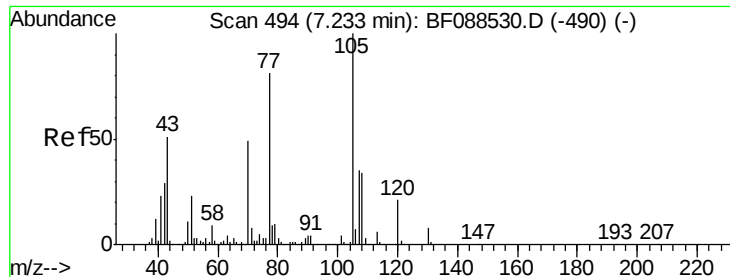
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#18
Hexachloroethane
Concen: 41.52 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		70496		
119	92.9	77.4	116.2		
201	83.2	80.4	120.6		





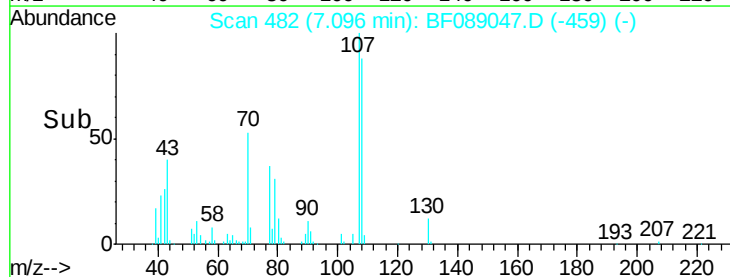
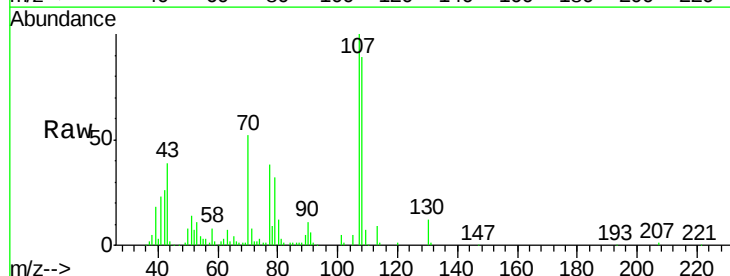
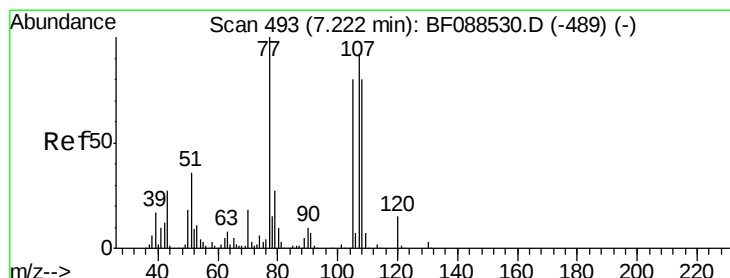
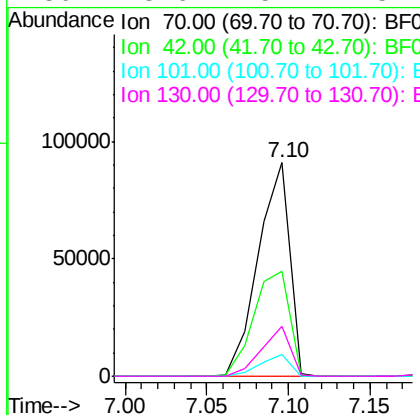
#19
n-Nitroso-di-n-propylamine
Concen: 37.53 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	121791
Ion Ratio	Lower	Upper	
70	100		
42	49.2	49.6	74.4#
101	10.2	7.1	10.7
130	23.6	15.4	23.2#

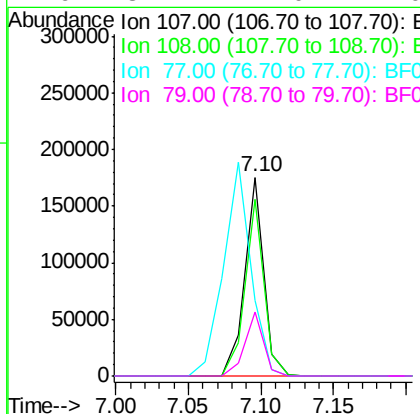
Manual Integrations

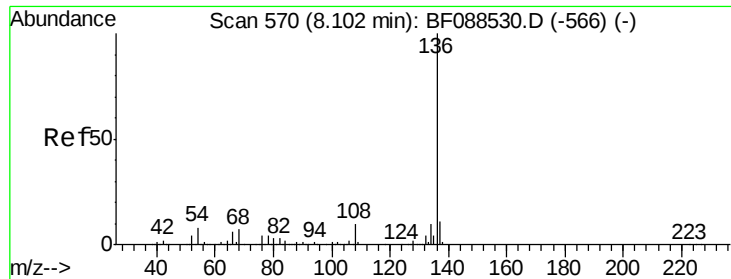
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#20
3+4-Methylphenols
Concen: 40.73 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	107	Resp	160264
Ion Ratio	Lower	Upper	
107	100		
108	88.7	67.8	107.8
77	38.3	59.3	99.3#
79	32.4	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

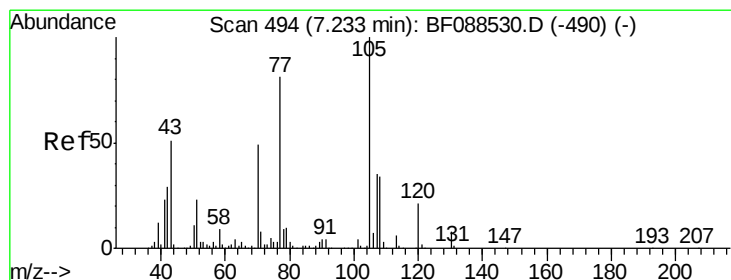
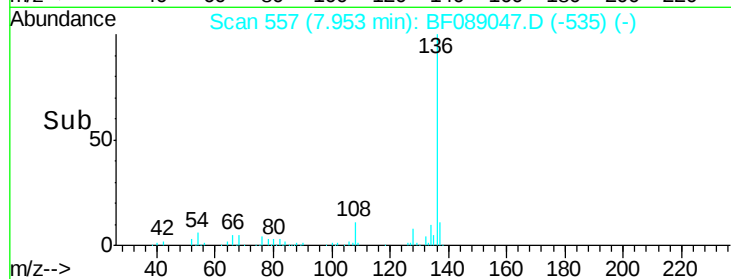
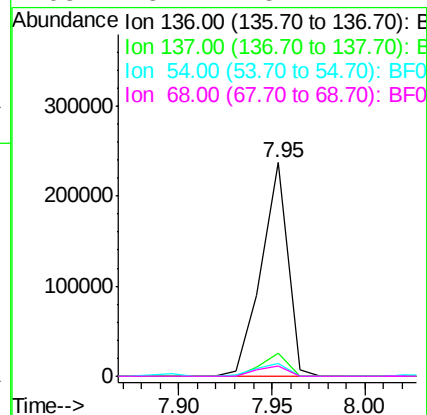
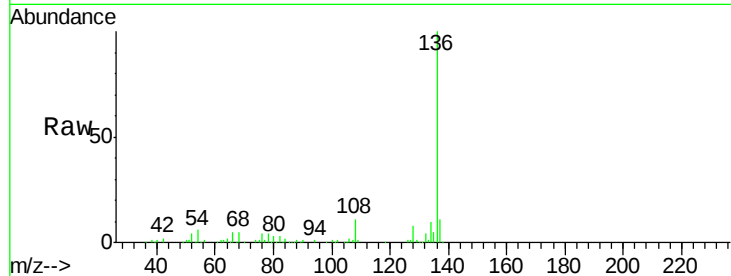
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232917		
137	10.9	9.1	13.7	
54	6.1	6.6	10.0	
68	5.1	5.1	7.7	

Manual Integrations

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#22

Acetophenone

Concen: 43.18 ng

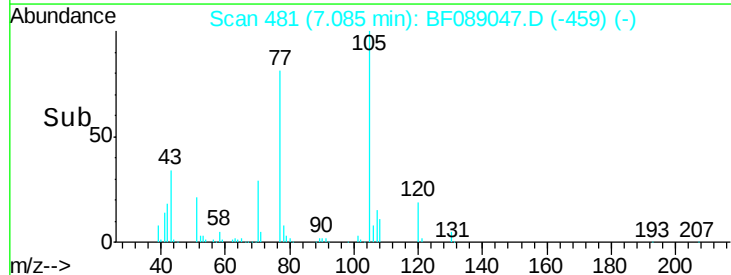
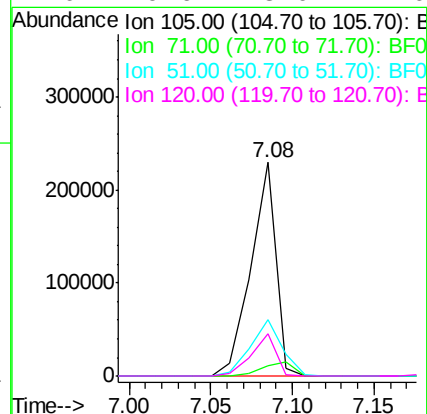
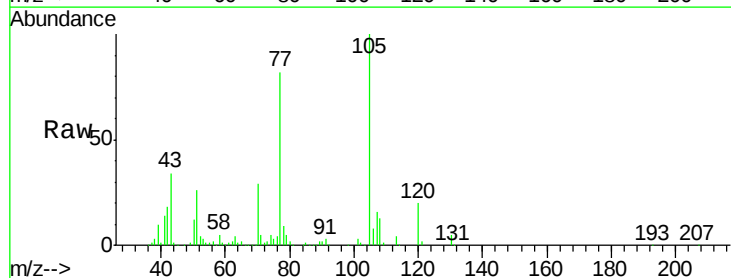
RT: 7.08 min Scan# 481

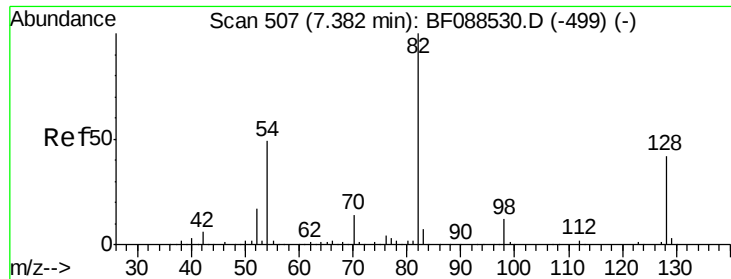
Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244080		
71	4.9	5.3	7.9	
51	26.5	18.2	27.4	
120	19.6	18.0	27.0	





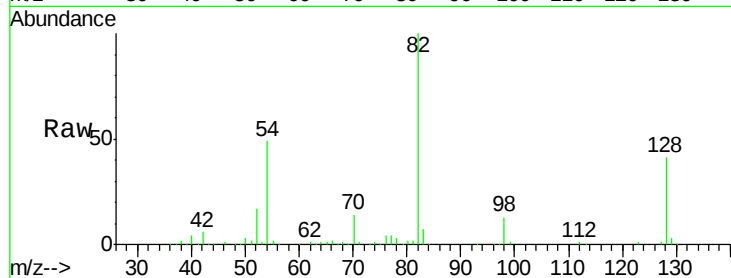
#23
Nitrobenzene-d5
Concen: 72.77 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

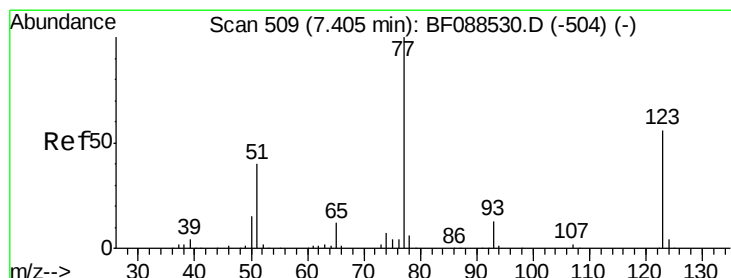
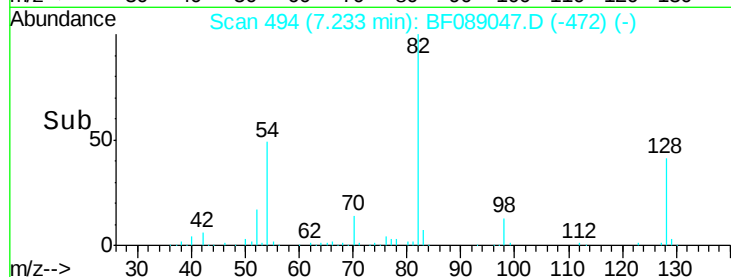
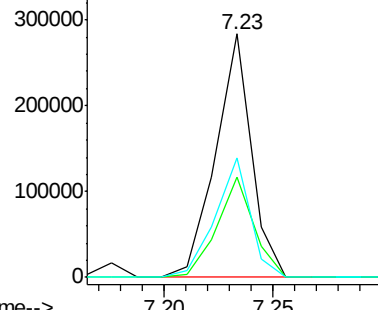
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.9	53.9
54	49.1	40.9	61.3

Manual Integrations

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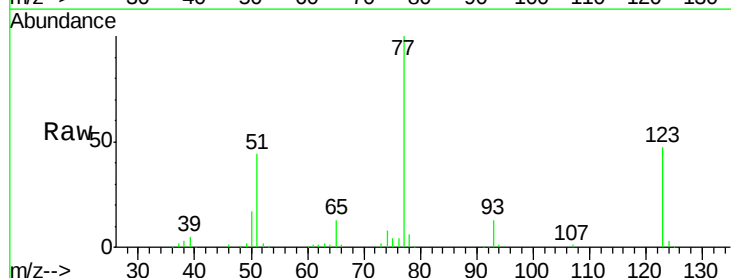


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

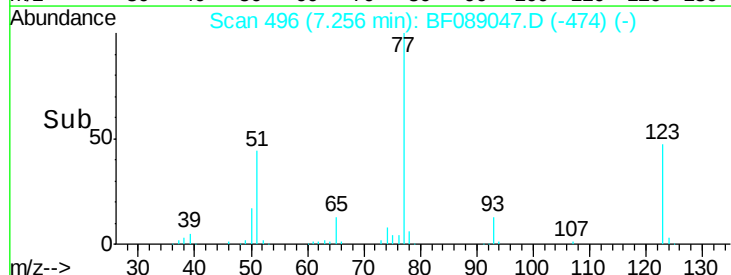
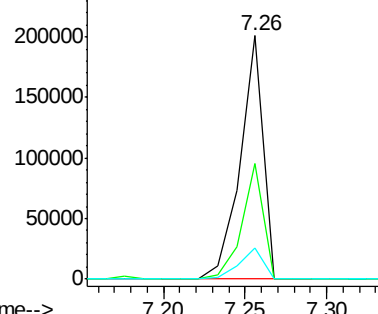


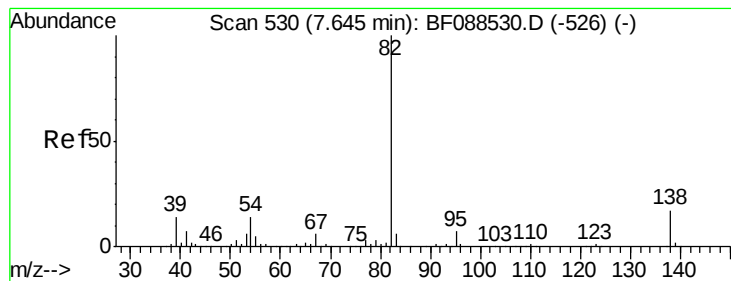
#24
Nitrobenzene
Concen: 43.74 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	45.0	67.4
65	12.9	10.2	15.2



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





#25

Isophorone

Concen: 35.91 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

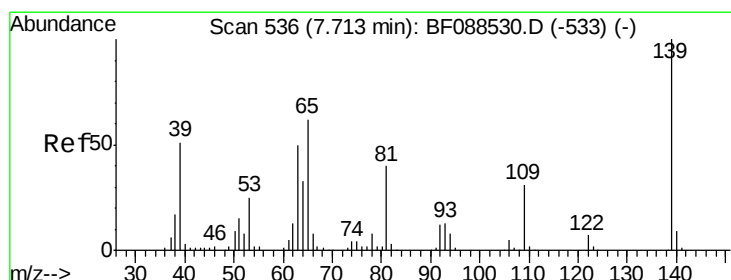
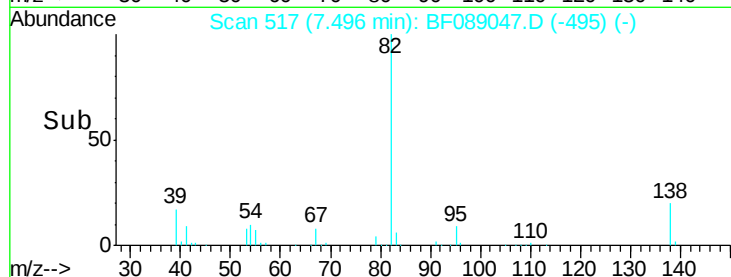
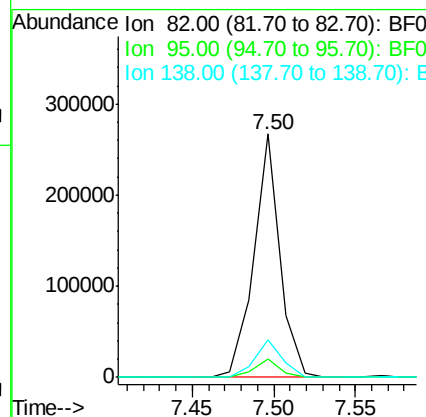
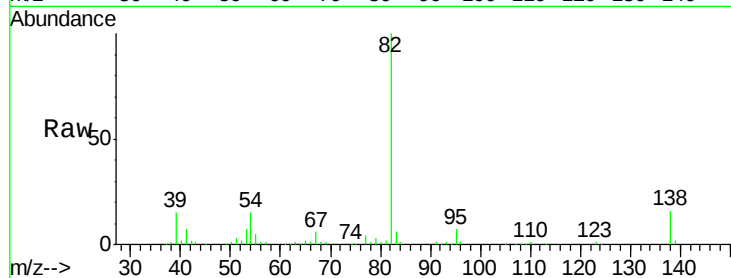
SSTDCCC040

Tot Ion:	82	Resp:	295630
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	15.7	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.84 ng

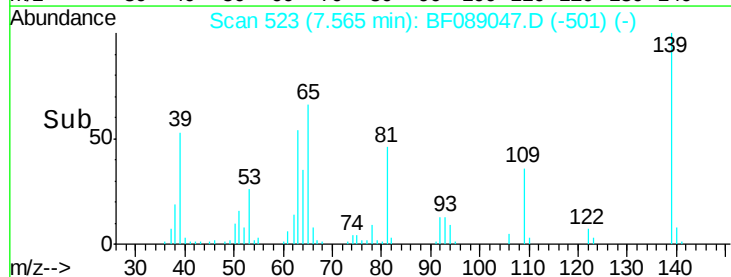
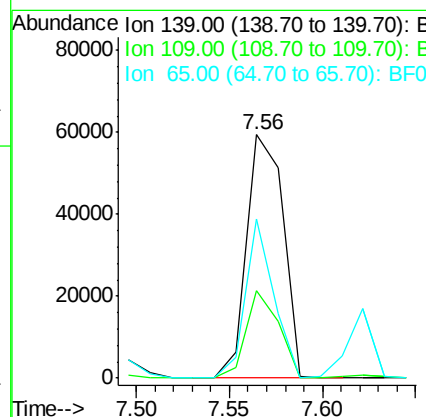
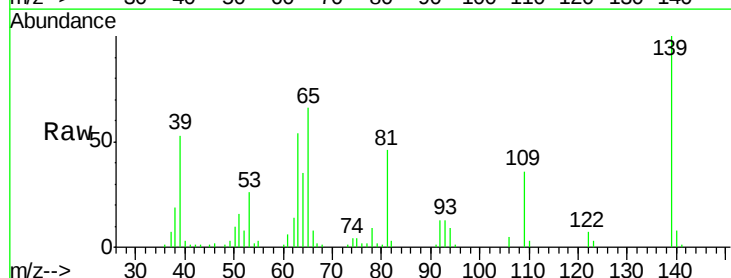
RT: 7.56 min Scan# 523

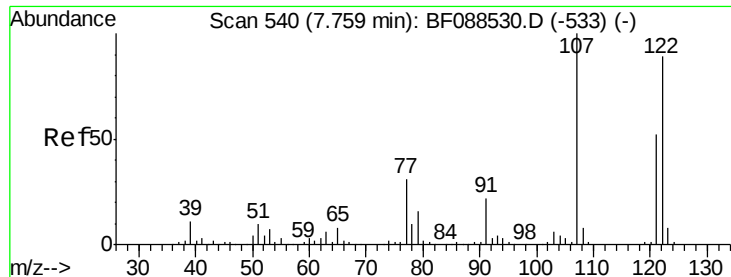
Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	139	Resp:	80558
Ion Ratio	Lower	Upper	
139	100		
109	36.2	23.0	34.4#
65	65.6	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 37.58 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 122 Resp: 143838

Ion Ratio Lower Upper

122 100

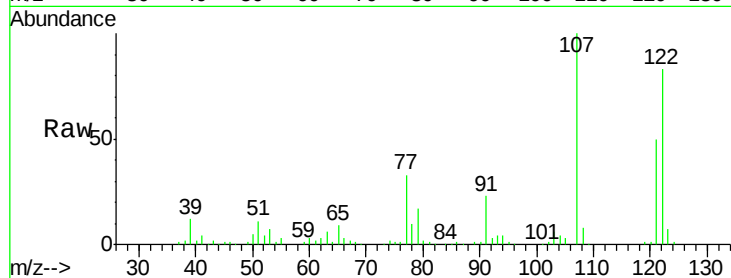
107 120.9 82.4 123.6

121 60.1 46.3 69.5

Manual Integrations

sohil

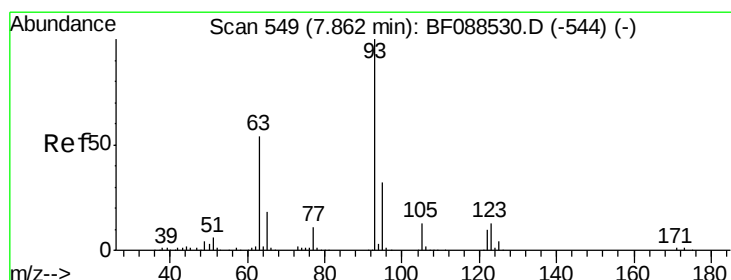
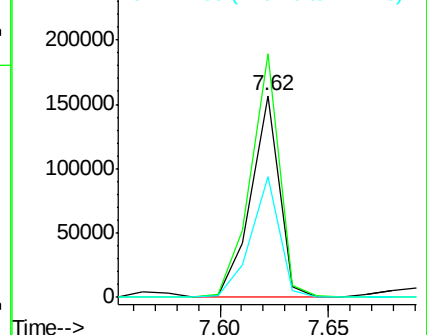
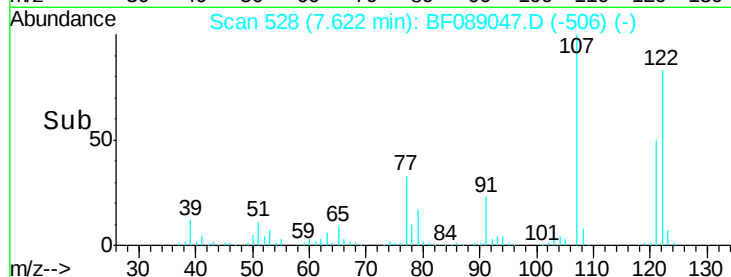
7/18/2016 7:36:37 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.69 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

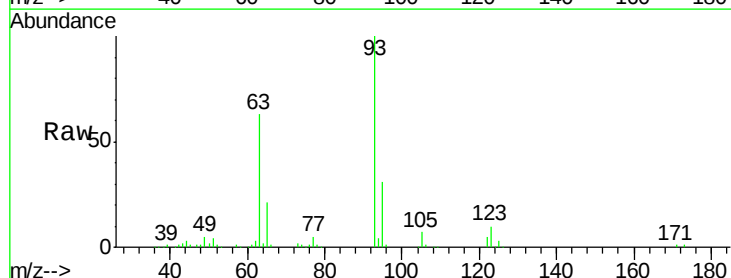
Tgt Ion: 93 Resp: 207305

Ion Ratio Lower Upper

93 100

95 31.4 26.5 39.7

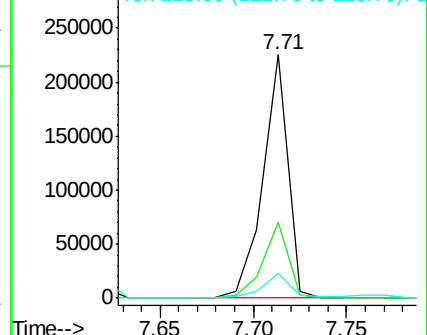
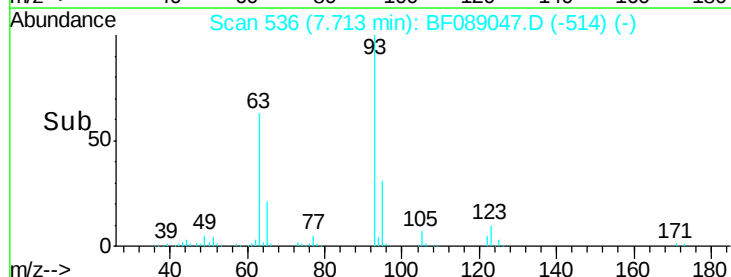
123 10.2 11.6 17.4#

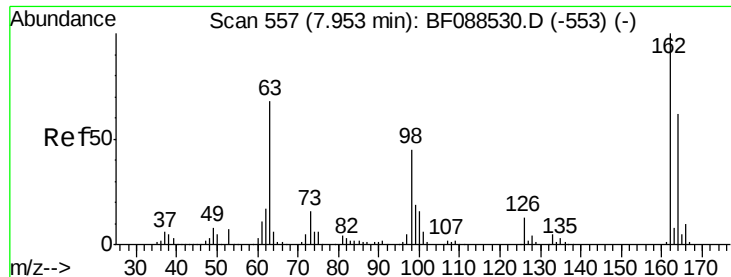


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





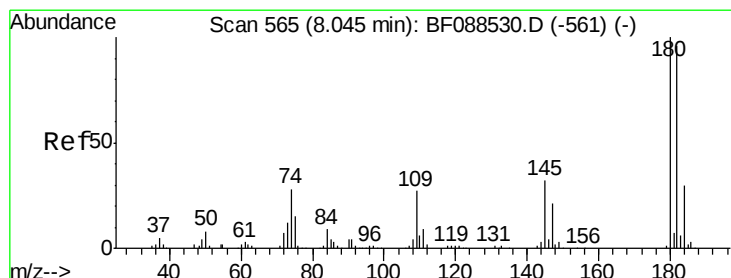
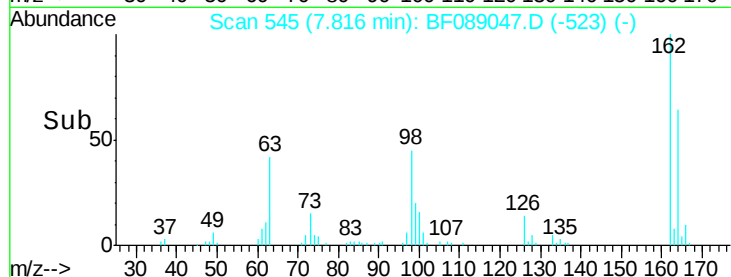
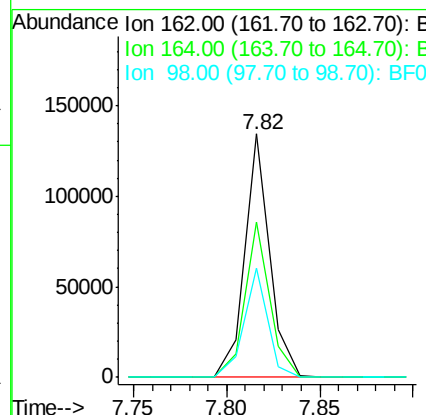
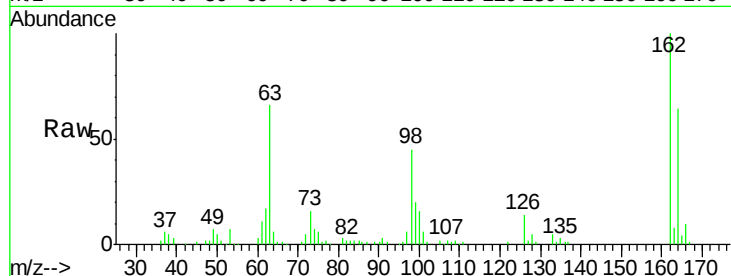
#29
 2,4-Dichlorophenol
 Concen: 40.33 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	124760
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.8	83.8
98	45.0	21.3	61.3

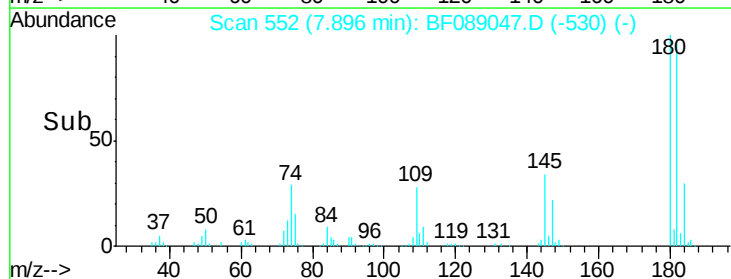
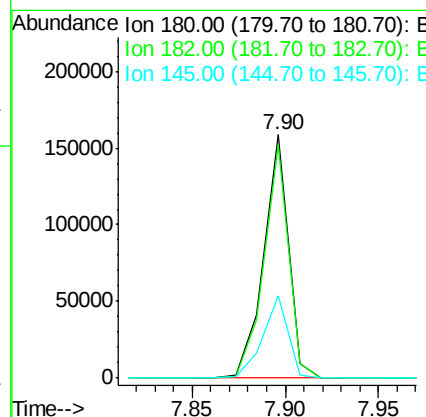
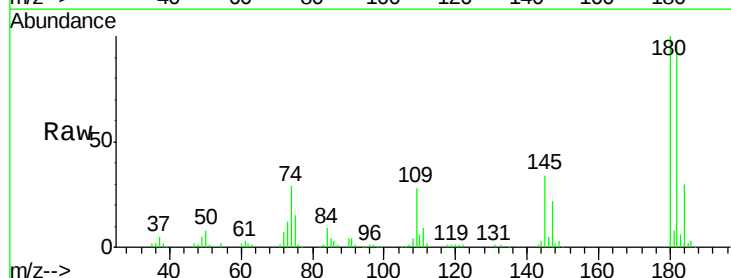
Manual Integrations

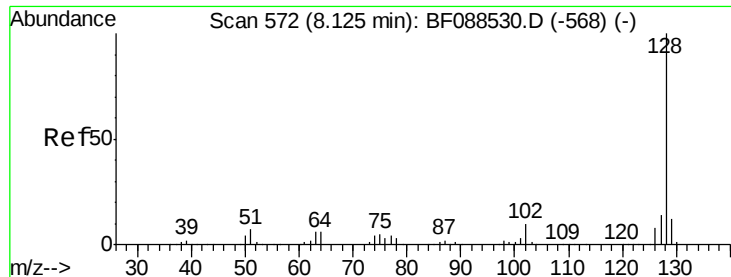
sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.57 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Tgt Ion:	180	Resp:	144509
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.0	114.0
145	34.0	26.5	39.7





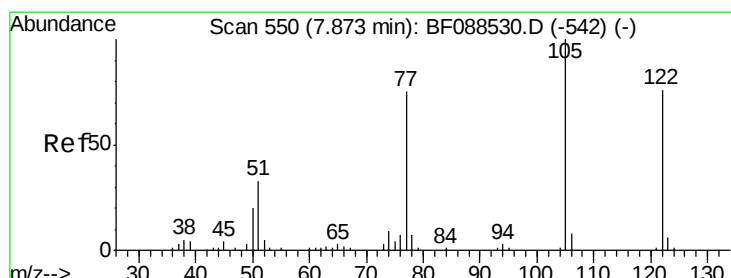
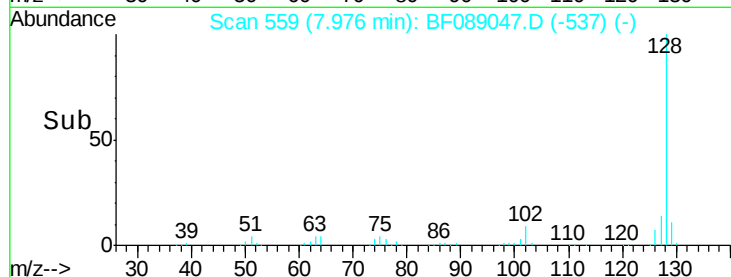
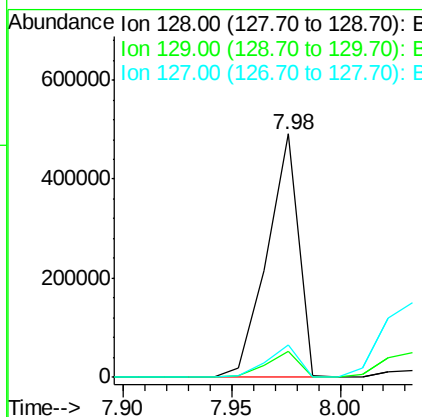
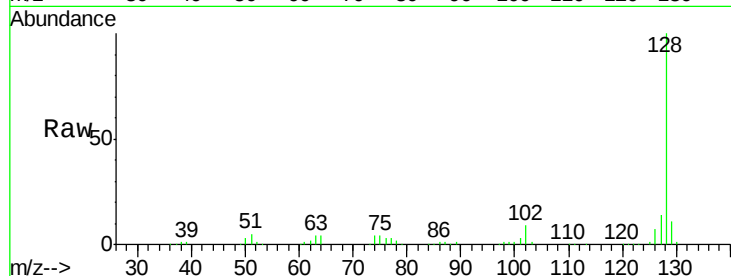
#31
Naphthalene
Concen: 43.48 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	13.6	10.9	16.3

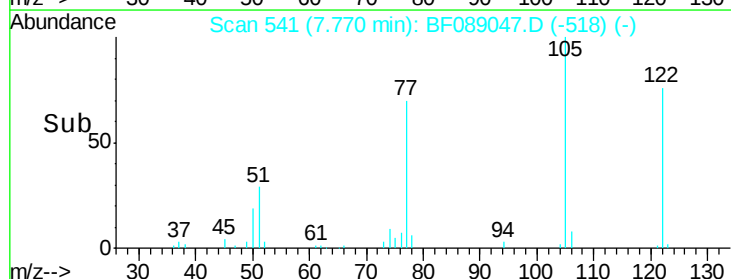
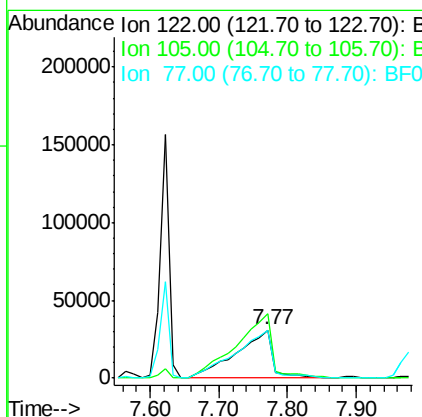
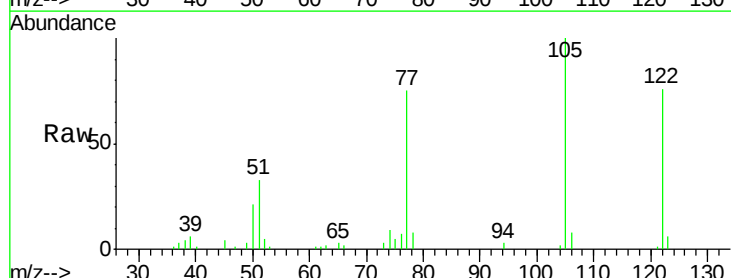
Manual Integrations

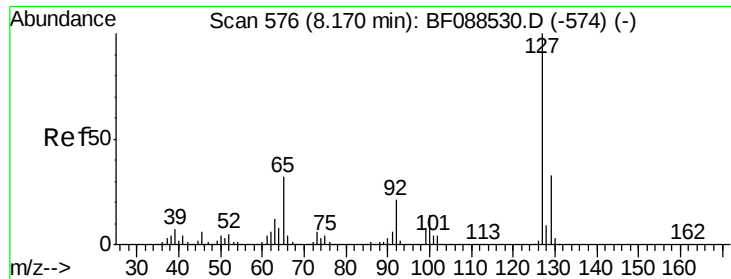
sohil
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#32
Benzoic acid
Concen: 40.09 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	101.6	141.6
77	99.3	70.6	110.6





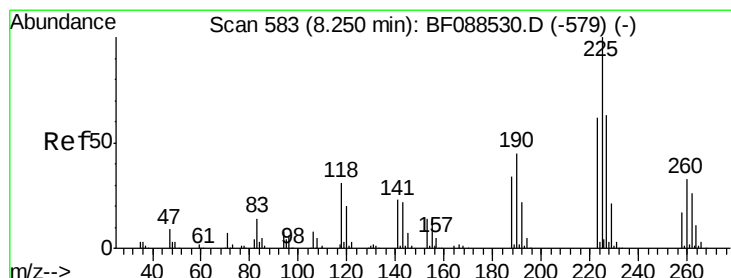
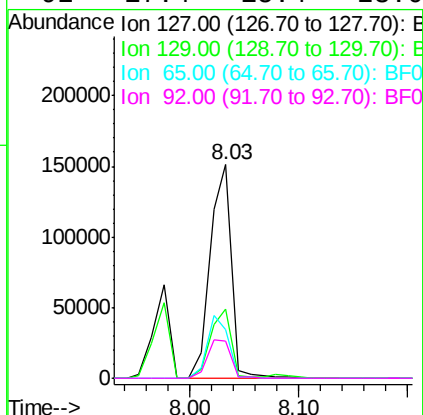
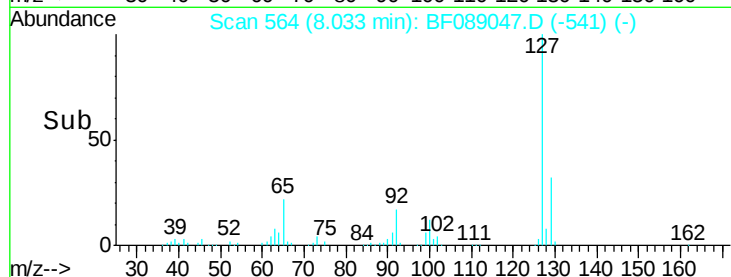
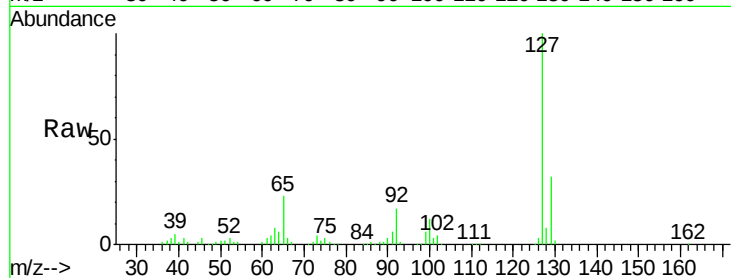
#33
4-Chloroaniline
Concen: 40.29 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.3	39.5		
65	22.7	24.7	37.1		
92	17.4	15.4	23.0		

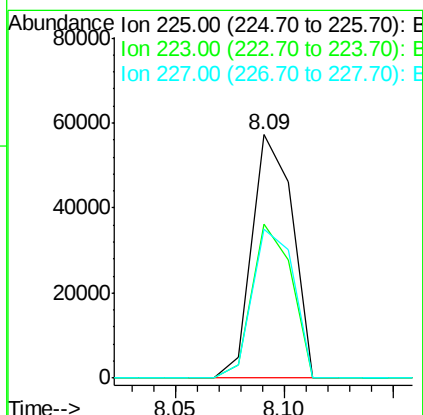
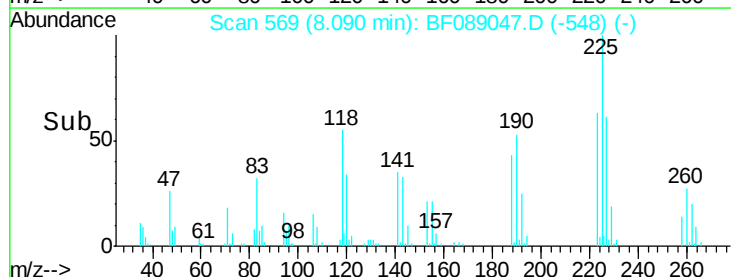
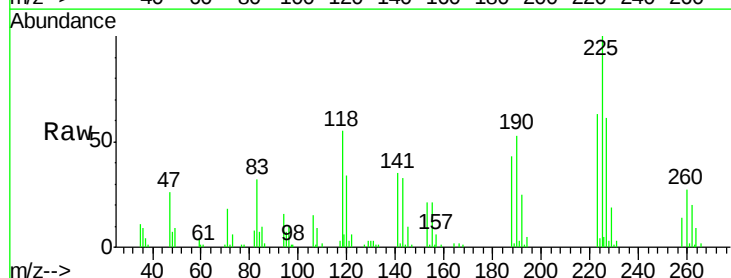
Manual Integrations

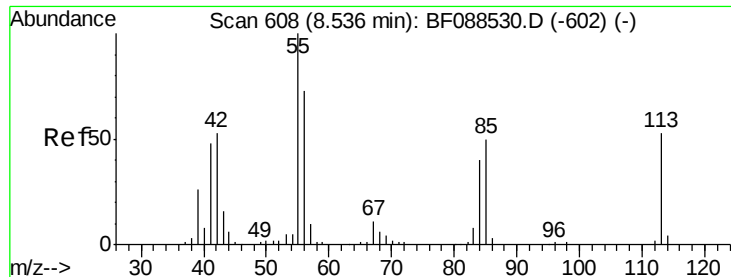
sohil
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#34
Hexachlorobutadiene
Concen: 40.81 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.9	76.3		
227	61.3	51.9	77.9		





#35

Caprolactam

Concen: 34.41 ng

RT: 8.41 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampled :

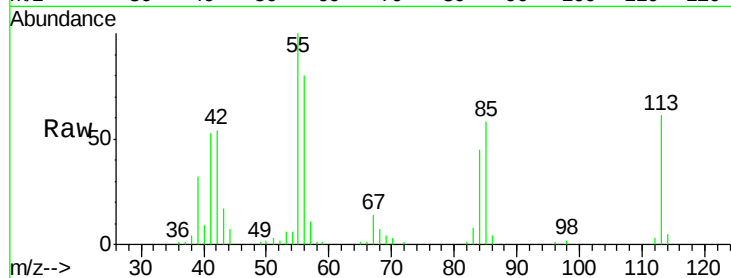
SSTDCCC040

Tot Ion:	113	Resp:	36153
Ion Ratio	Lower	Upper	
113	100		
55	164.0	158.6	198.6
56	132.0	110.6	150.6

Manual Integrations

sohil

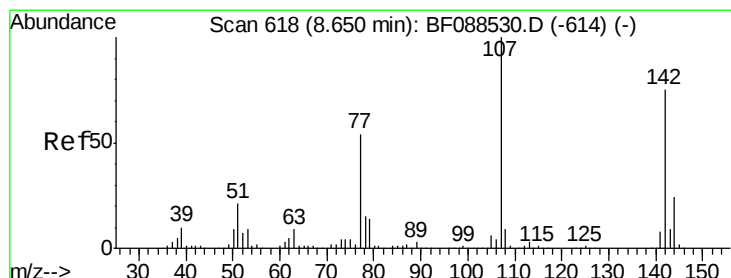
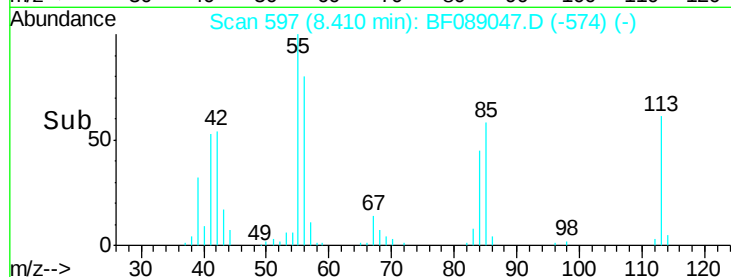
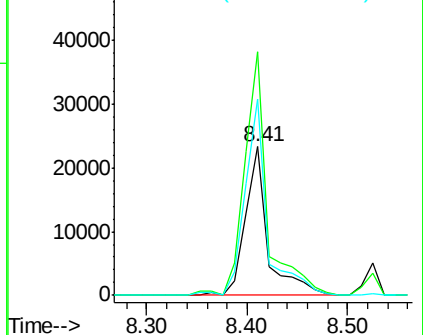
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.74 ng

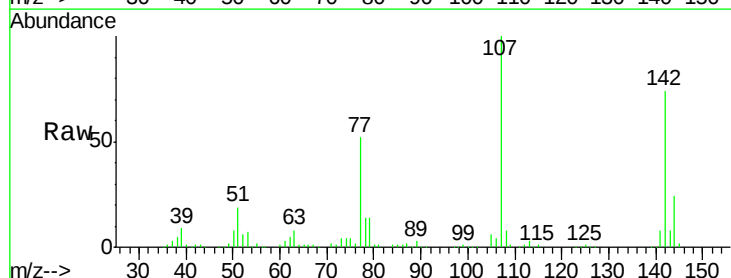
RT: 8.52 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

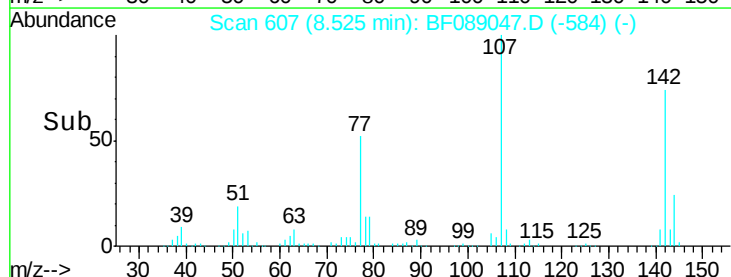
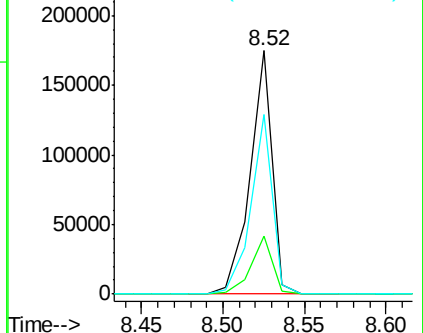
Tgt Ion:	107	Resp:	163662
Ion Ratio	Lower	Upper	
107	100		
144	23.7	20.8	31.2
142	73.7	63.4	95.2

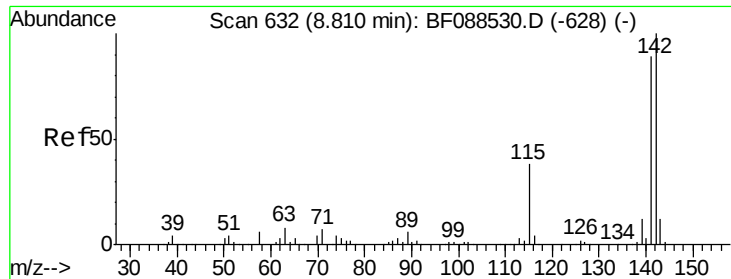


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





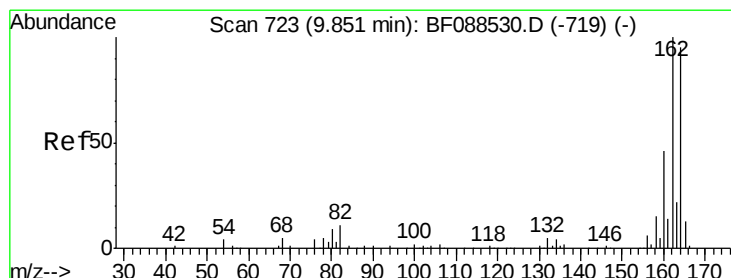
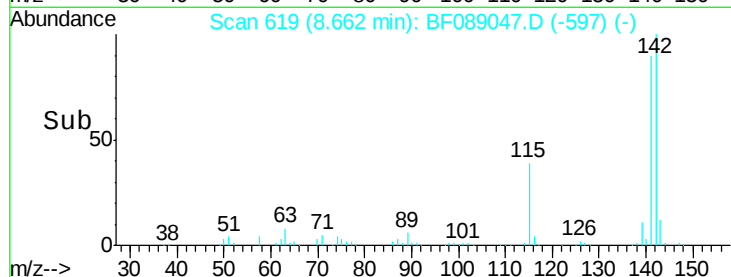
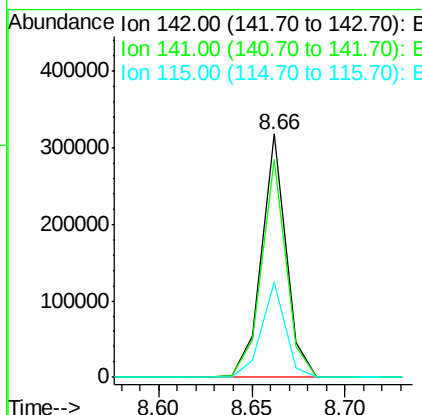
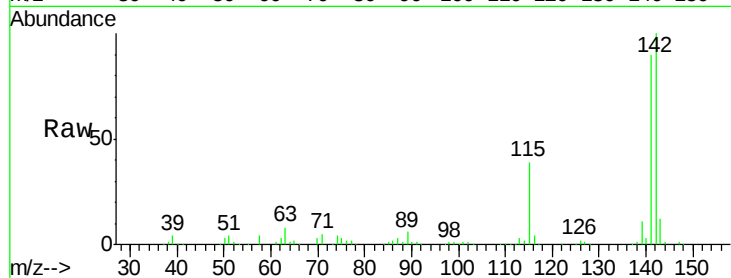
#37
2-Methylnaphthalene
Concen: 39.01 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	38.9	22.6	33.8

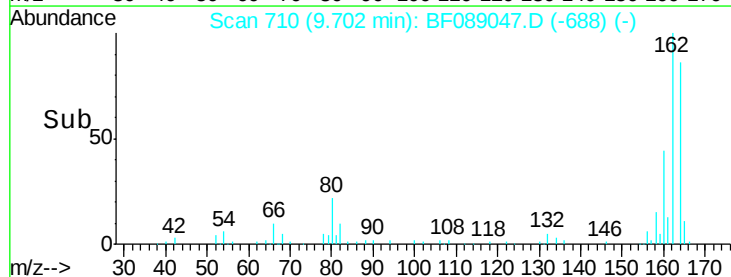
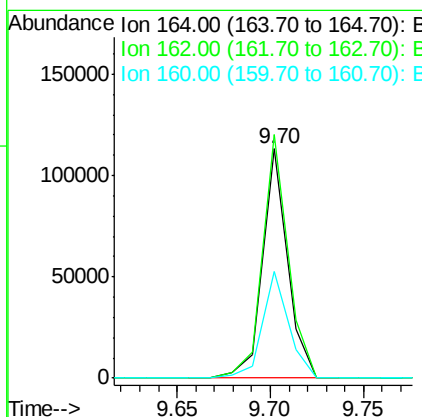
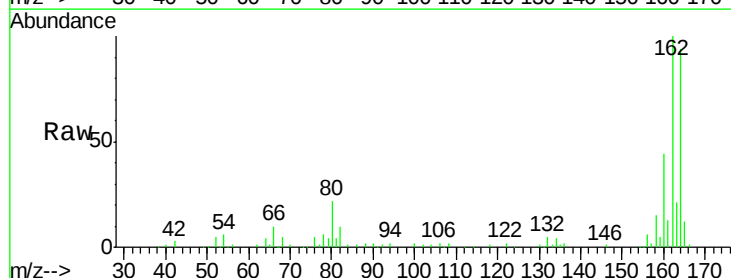
Manual Integrations

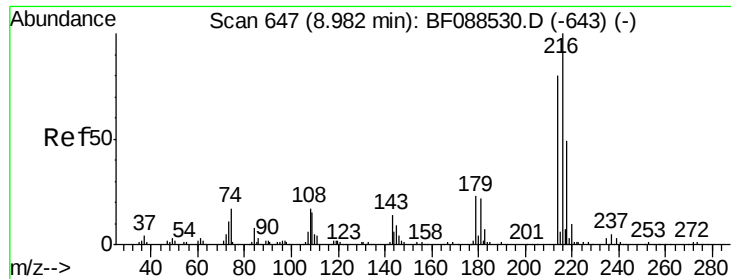
sohil
7/18/2016 7:36:37 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.4	128.2
160	46.6	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.48 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 167962

Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

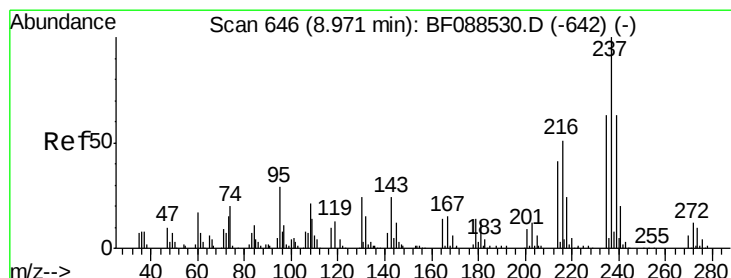
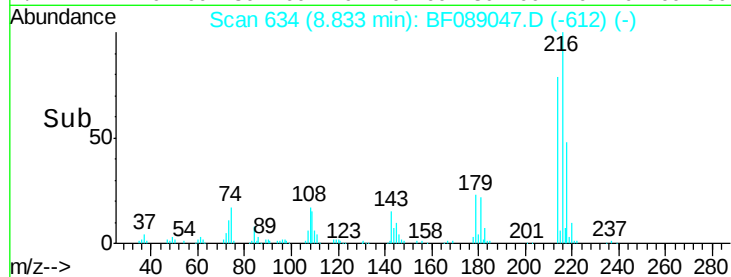
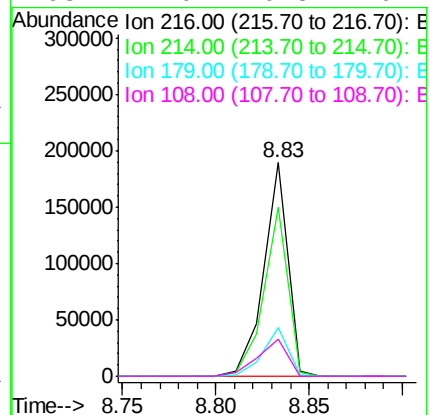
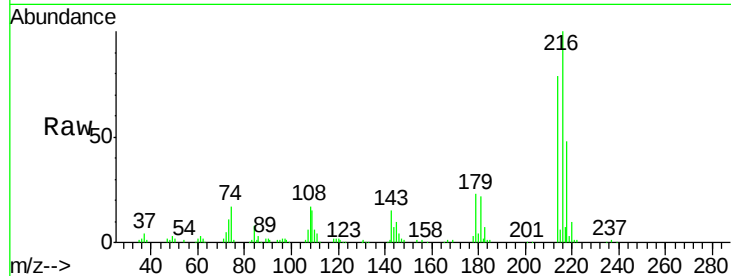
179 23.7 0.0 0.0#

108 21.0 0.5 0.7#

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 37.61 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

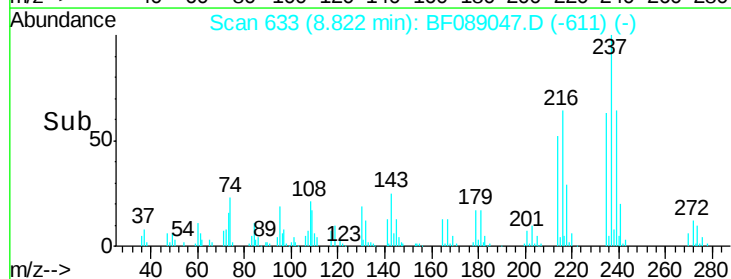
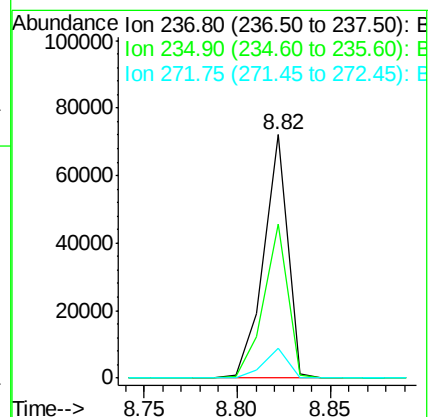
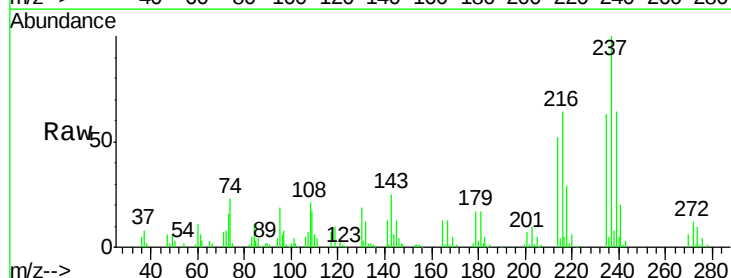
Tgt Ion:237 Resp: 63953

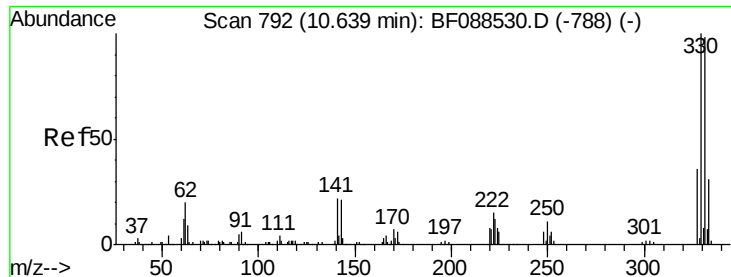
Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

272 12.5 0.0 32.3





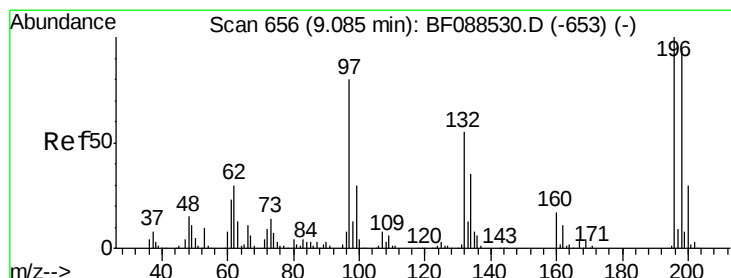
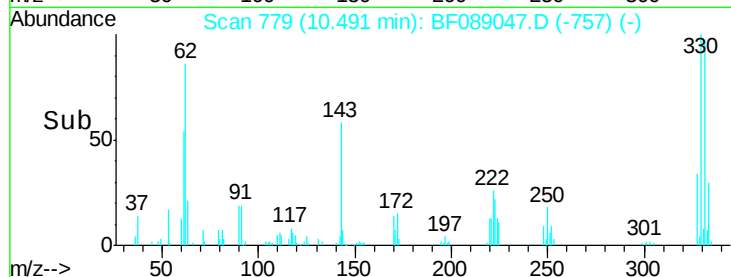
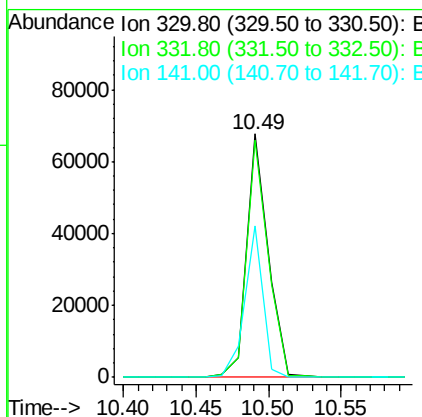
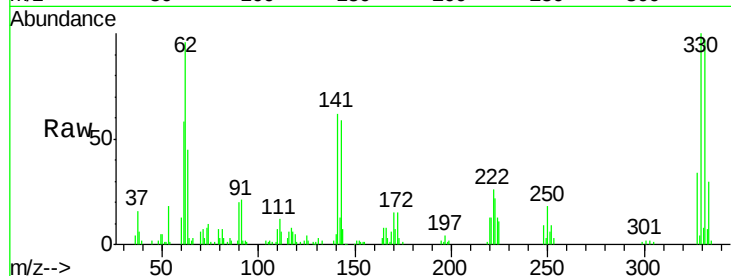
#41
 2,4,6-Tribromophenol
 Concen: 72.13 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	52.5	0.0	0.0#

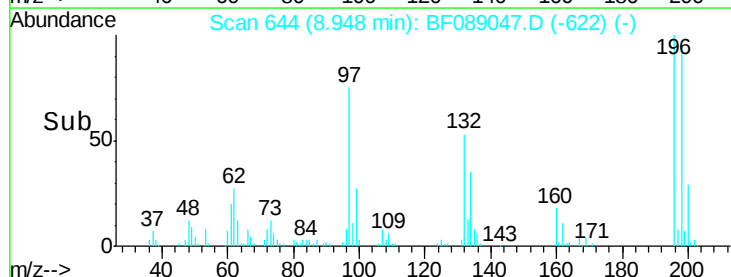
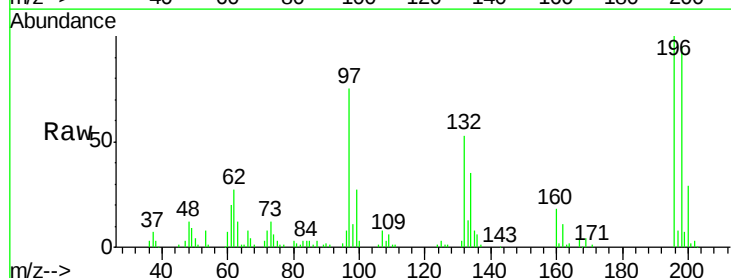
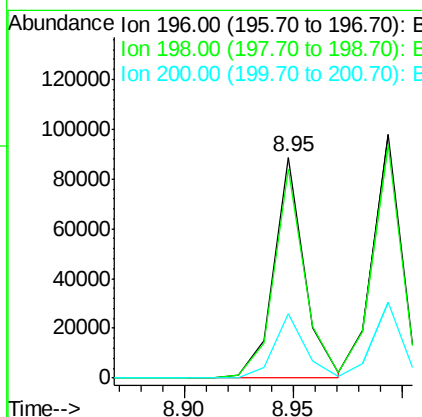
Manual Integrations

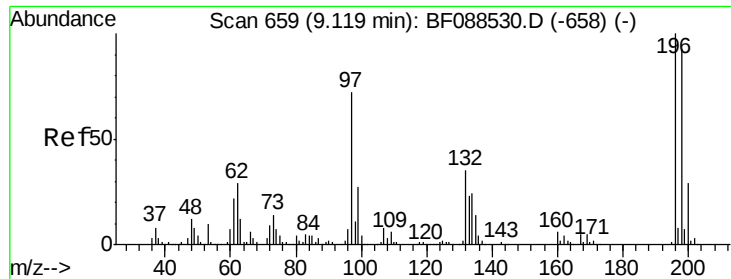
sohil
 7/18/2016 7:36:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.22 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.0	117.0
200	29.1	25.4	38.2





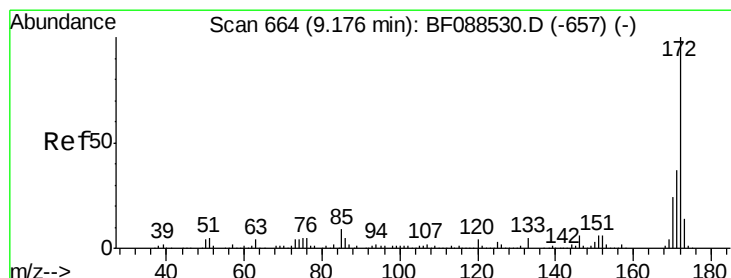
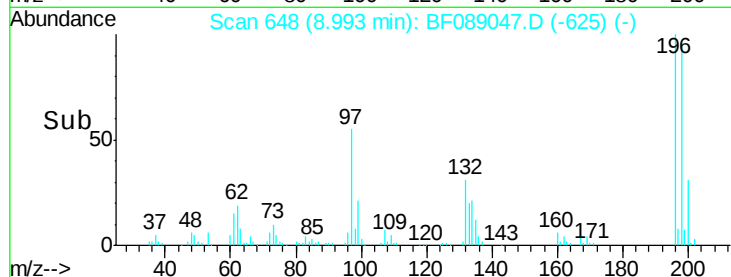
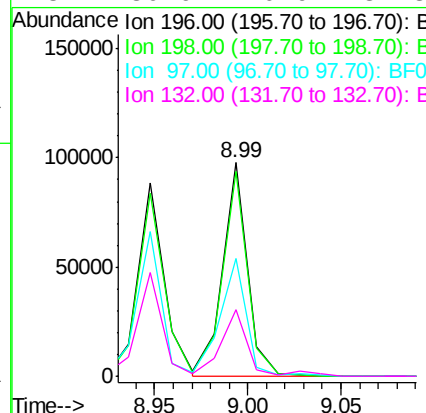
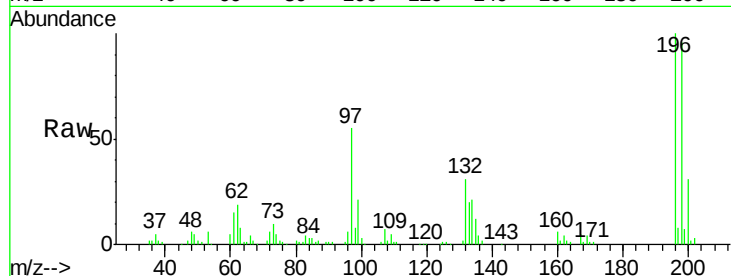
#43
 2,4,5-Trichlorophenol
 Concen: 46.03 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	90453
Ion Ratio	Lower	Upper	
196	100		
198	95.6	77.5	116.3
97	55.3	32.0	48.0
132	30.9	20.9	31.3

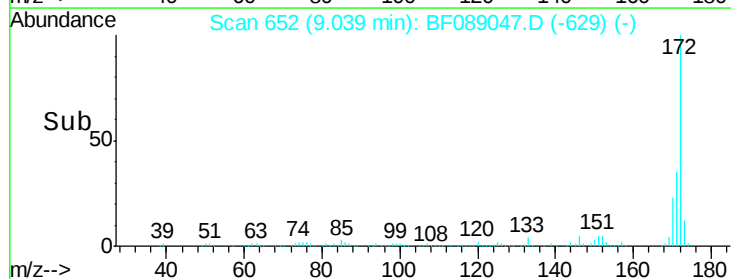
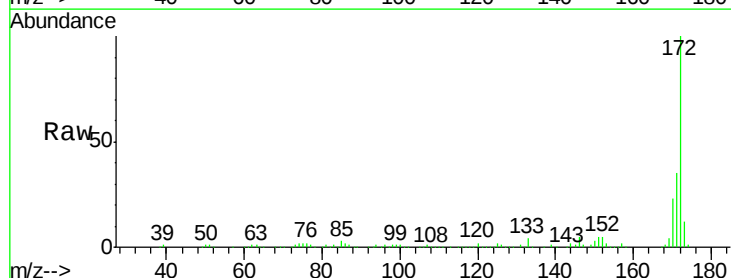
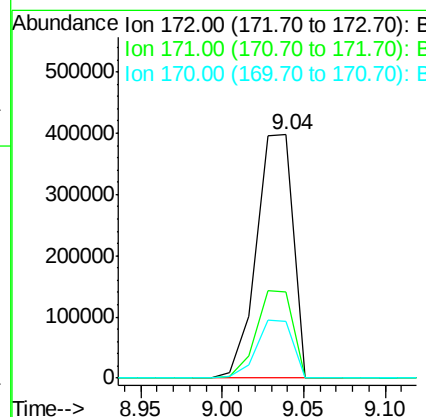
Manual Integrations

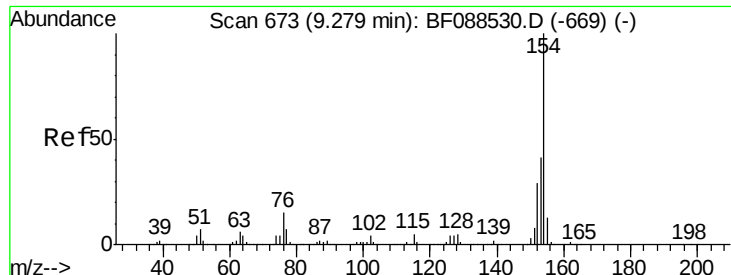
sohil
 7/18/2016 7:36:37 PM



#44
 2-Fluorobiphenyl
 Concen: 93.85 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Tgt Ion:	172	Resp:	618839
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	43.0
170	23.1	19.2	28.8





#45

1,1'-Biphenyl

Concen: 41.49 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 357868

Ion Ratio Lower Upper

154 100

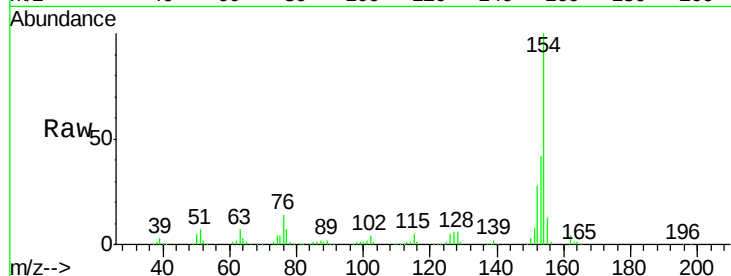
153 41.7 20.6 60.6

76 14.4 0.0 35.1

Manual Integrations

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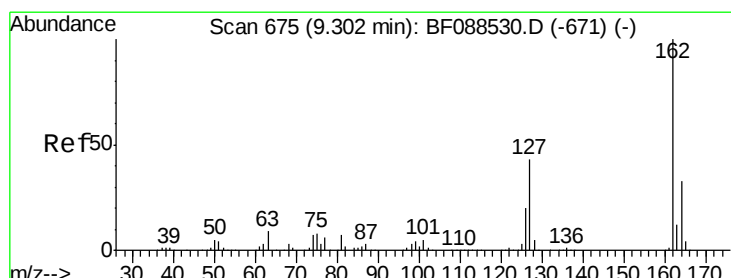
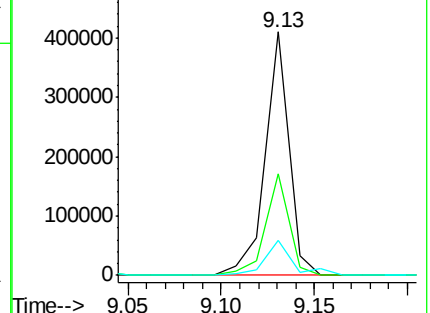
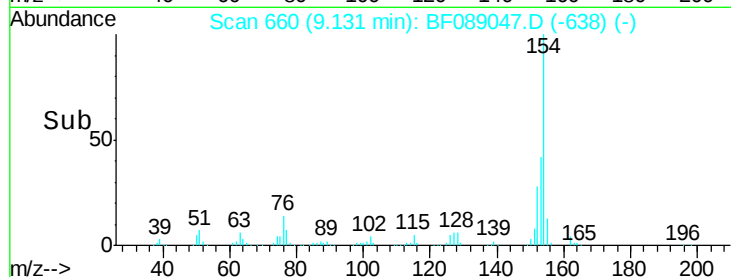
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.02 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

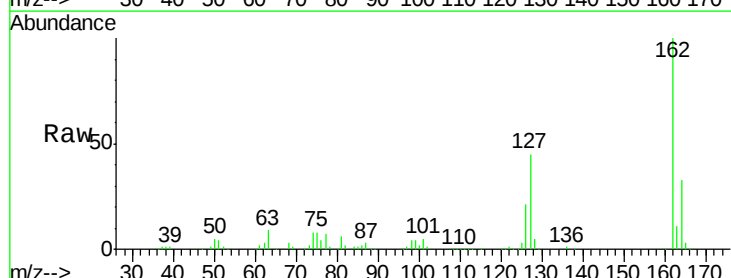
Tgt Ion:162 Resp: 298043

Ion Ratio Lower Upper

162 100

127 44.9 35.2 52.8

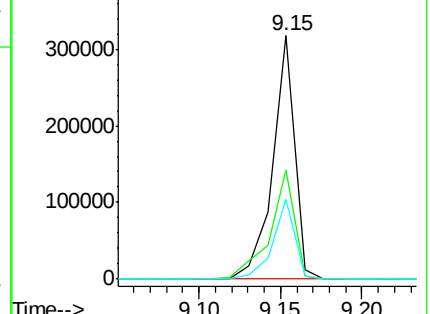
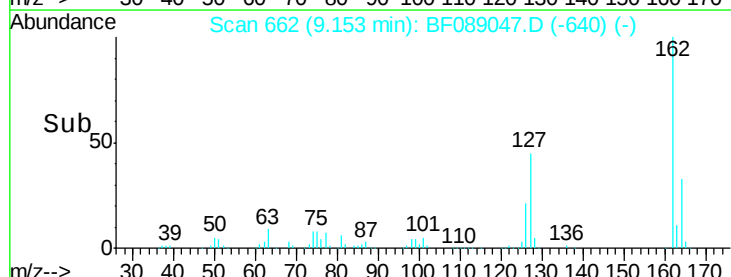
164 32.7 26.6 39.8

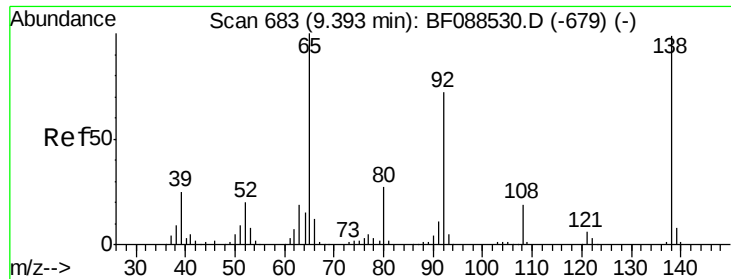


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





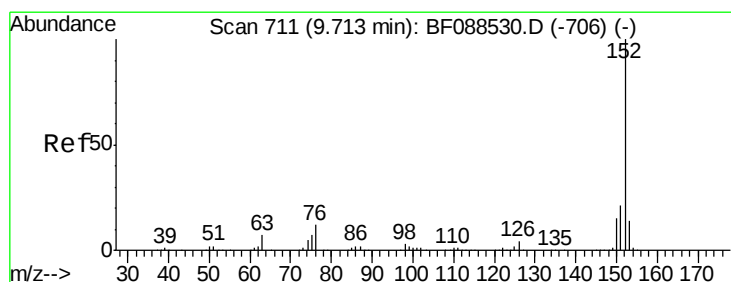
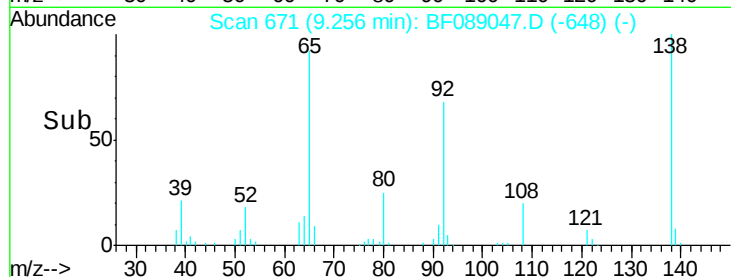
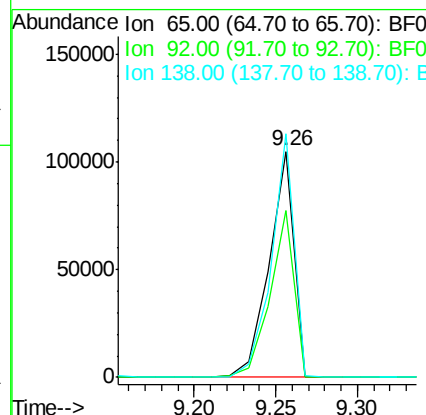
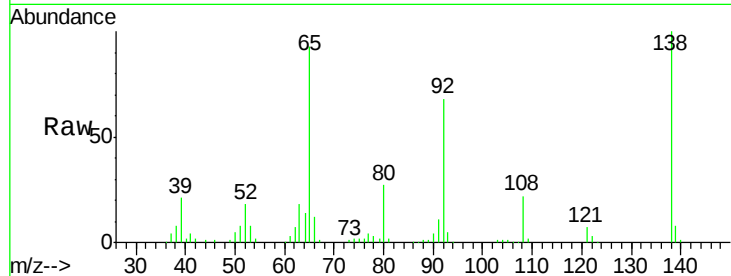
#47
2-Nitroaniline
Concen: 46.45 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.8	54.6	82.0
138	107.8	77.0	115.4

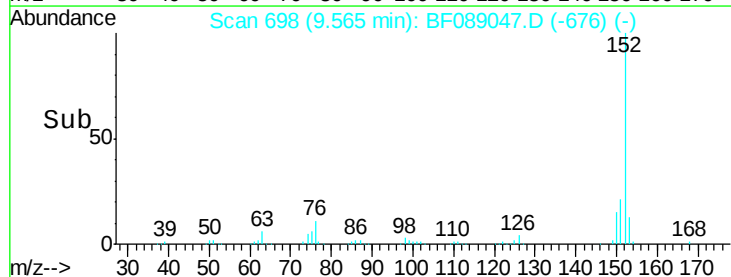
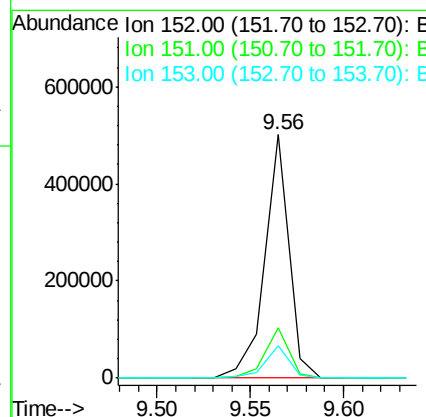
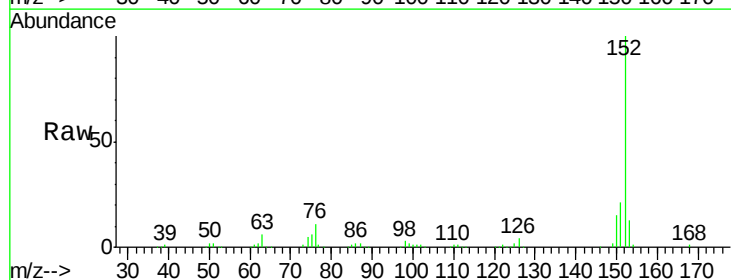
Manual Integrations

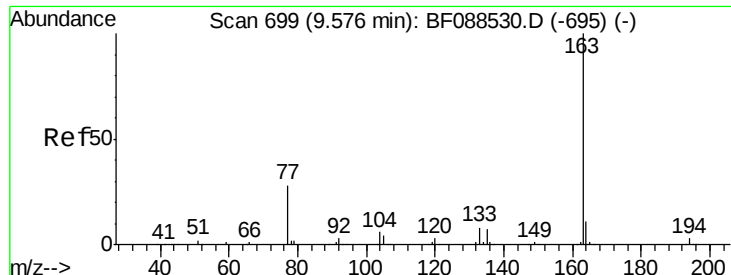
sohil
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#48
Acenaphthylene
Concen: 41.66 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	13.3	11.0	16.6





#49

Dimethylphthalate

Concen: 39.37 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

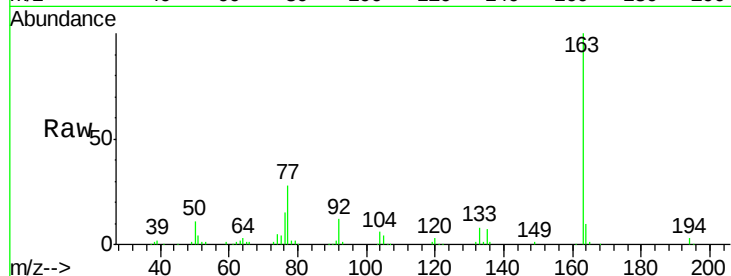
SSTDCCC040

Tot Ion:	163	Resp:	292107
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5

Manual Integrations

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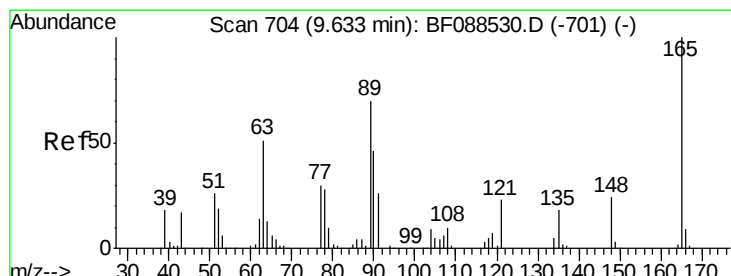
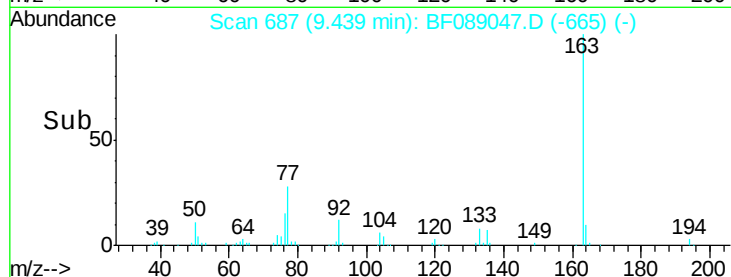
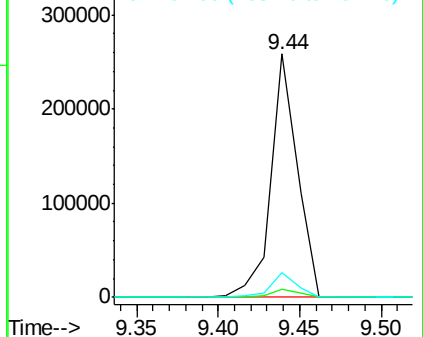
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.35 ng

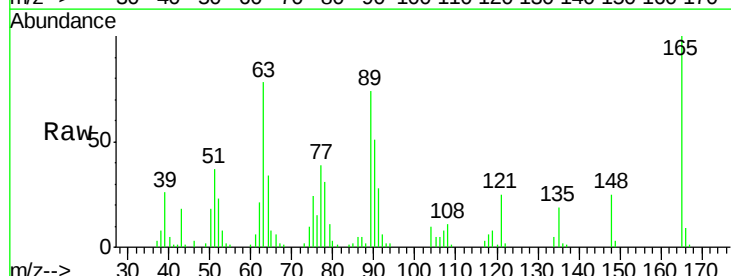
RT: 9.50 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

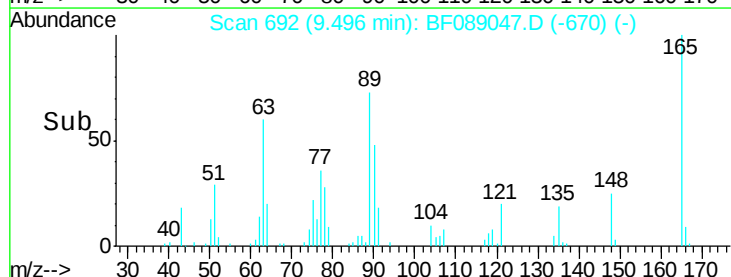
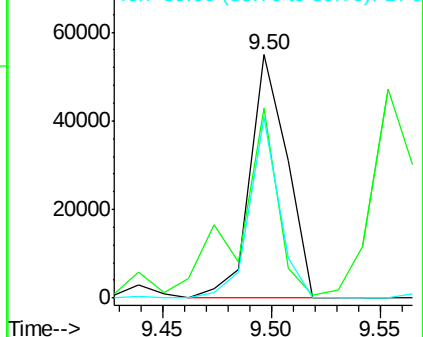
Tgt Ion:	165	Resp:	64712
Ion Ratio	Lower	Upper	
165	100		
63	78.0	28.1	42.1#
89	74.0	32.2	48.2#

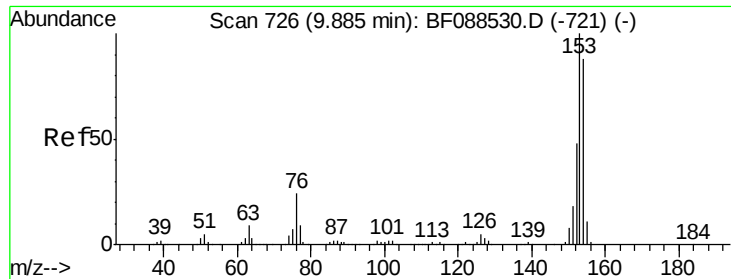


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.72 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 275505

Ion Ratio Lower Upper

154 100

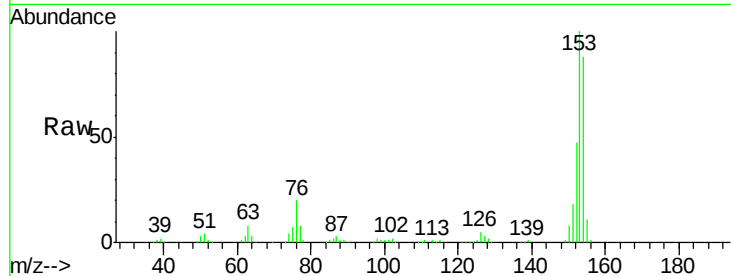
153 113.9 89.5 134.3

152 53.6 42.7 64.1

Manual Integrations

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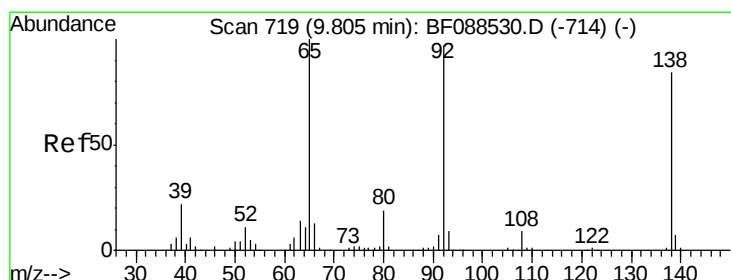
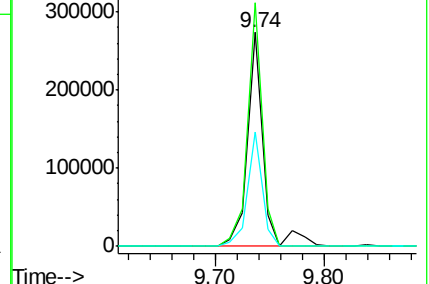
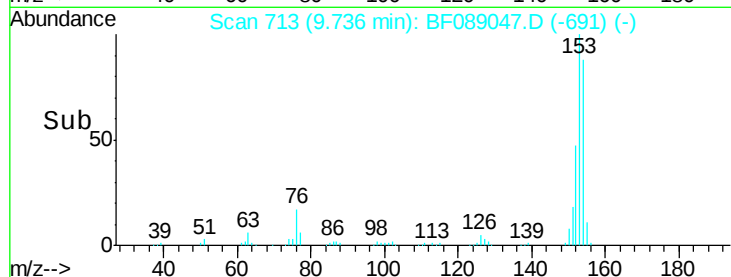
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.02 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

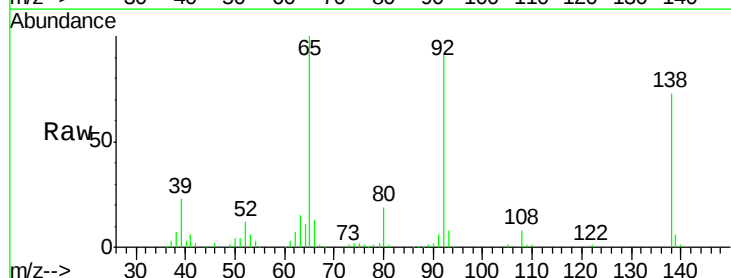
Tgt Ion:138 Resp: 87847

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

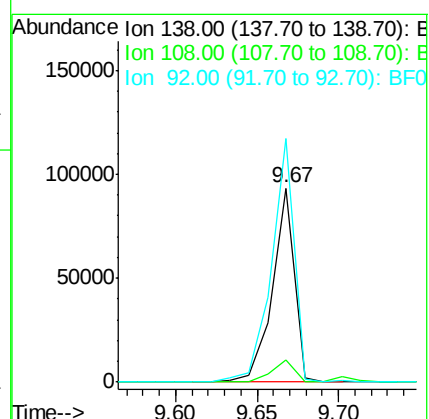
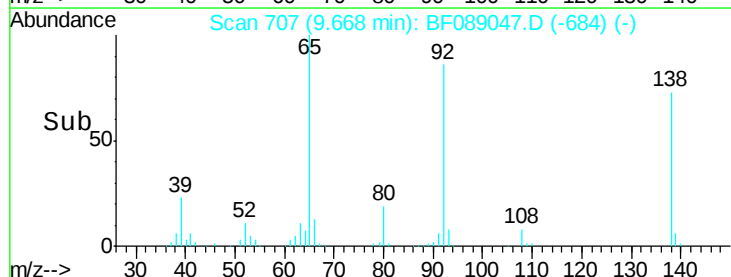
92 125.6 95.7 143.5

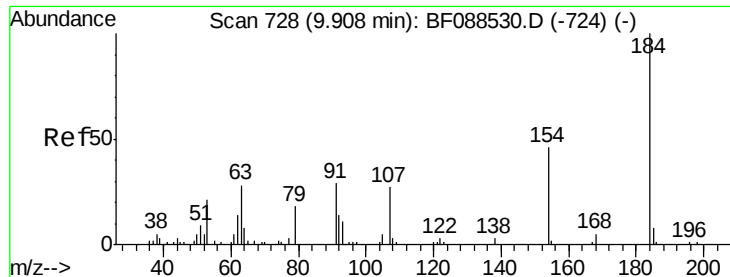


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





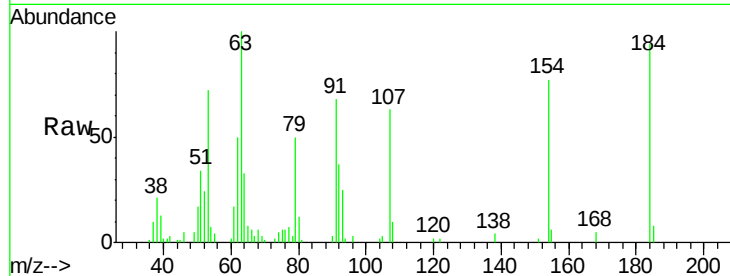
#53
2,4-Dinitrophenol
Concen: 44.06 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

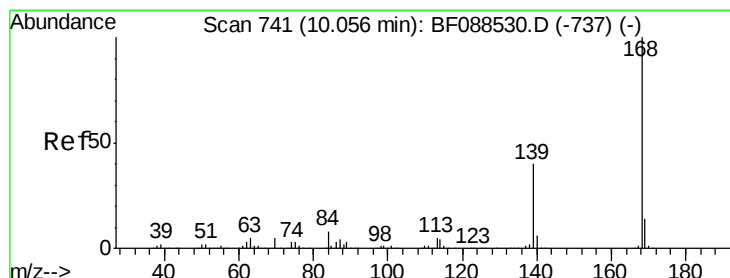
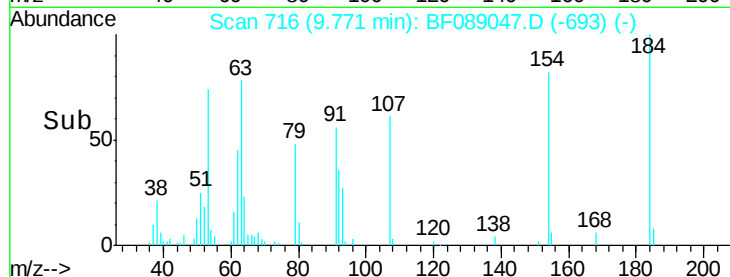
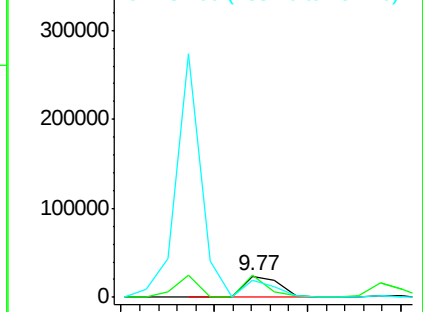
Tot Ion:184 Resp: 31998
Ion Ratio Lower Upper
184 100
63 106.1 57.6 86.4#
154 81.9 53.5 80.3#

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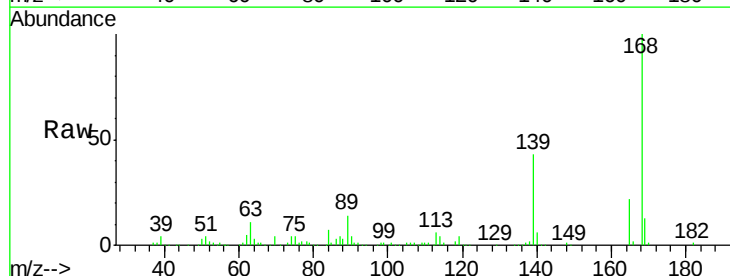


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

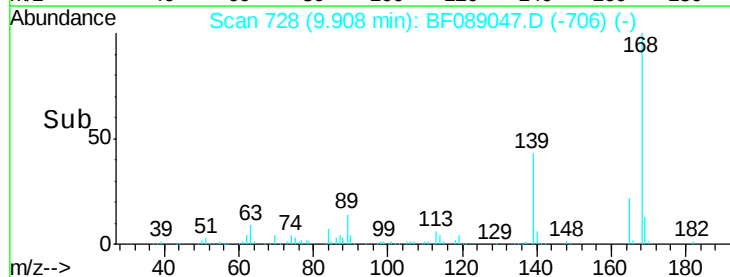
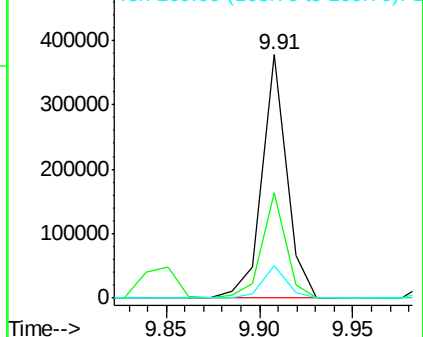


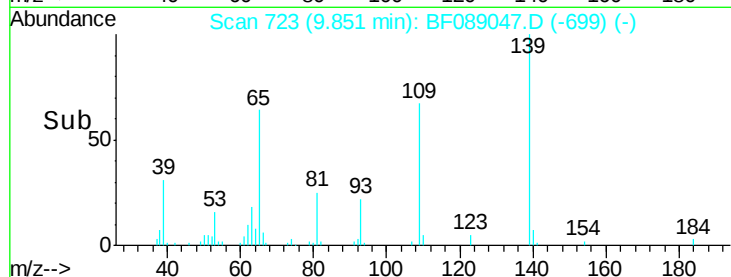
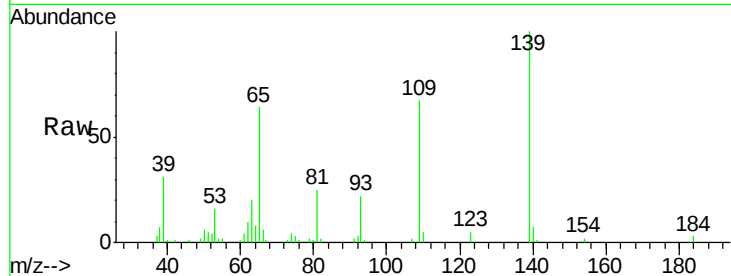
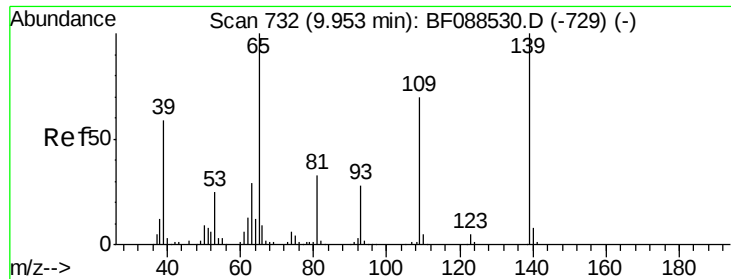
#54
Dibenzofuran
Concen: 39.78 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion:168 Resp: 343844
Ion Ratio Lower Upper
168 100
139 43.5 26.4 39.6#
169 13.4 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





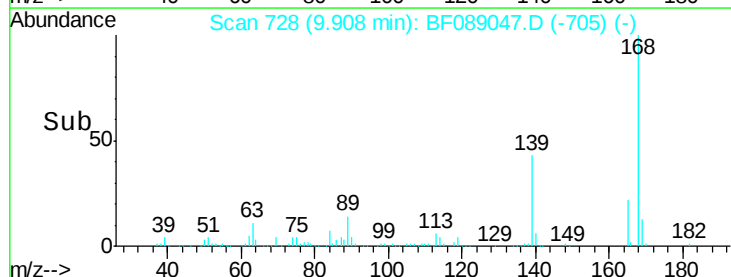
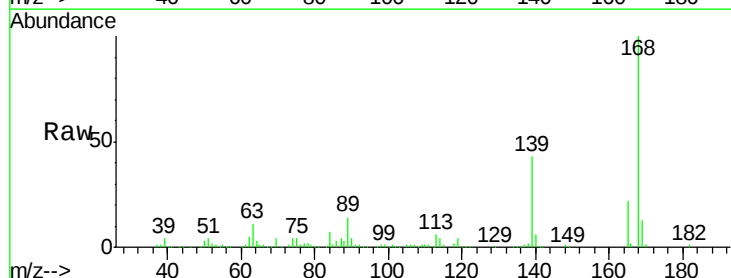
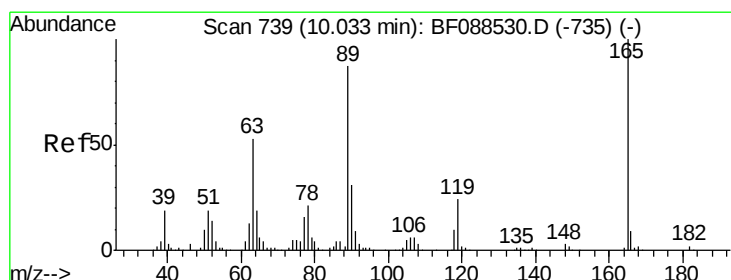
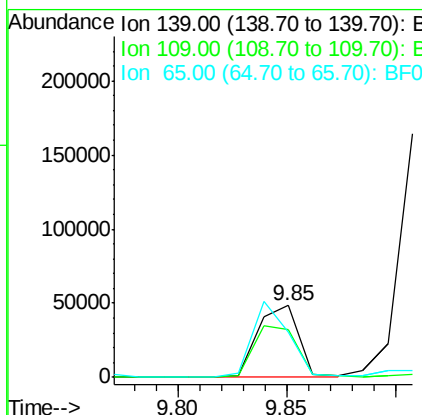
#55
4-Nitrophenol
Concen: 40.51 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tot Ion:139 Resp: 64353
Ion Ratio Lower Upper
139 100
109 66.9 48.9 88.9
65 63.7 84.9 124.9#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

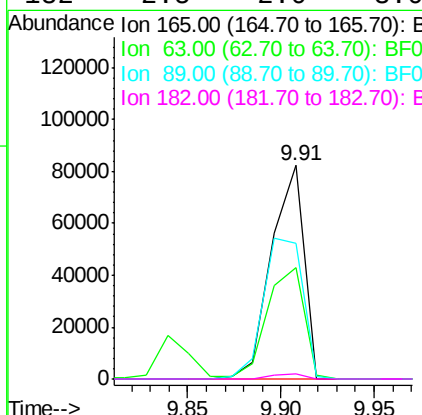
Manual Integrations

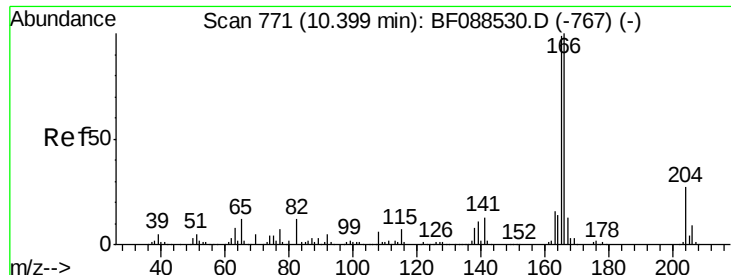
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#56
2,4-Dinitrotoluene
Concen: 46.54 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion:165 Resp: 100064
Ion Ratio Lower Upper
165 100
63 52.2 22.0 33.0#
89 63.7 41.1 61.7#
182 2.5 2.0 3.0





#57

Fluorene

Concen: 44.24 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 294697

Ion Ratio Lower Upper

166 100

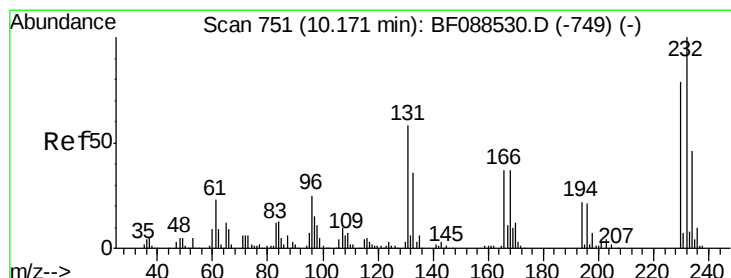
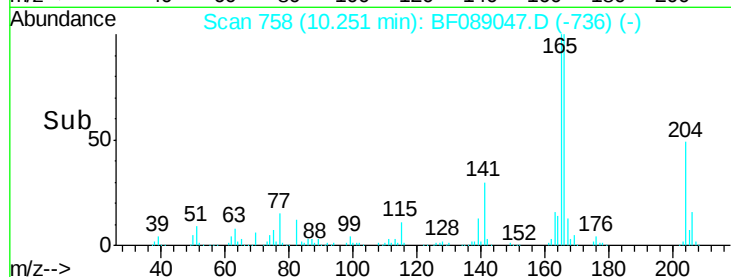
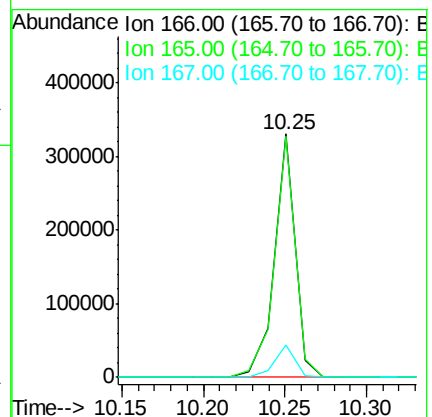
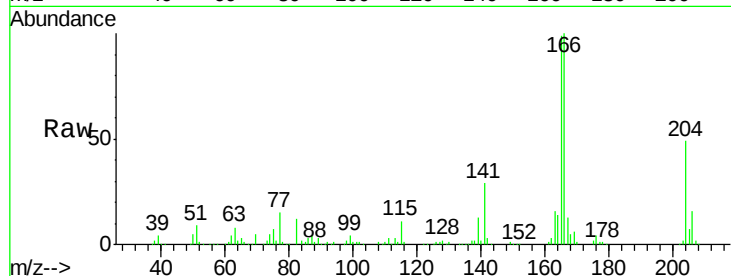
165 99.2 77.8 116.8

167 13.3 11.2 16.8

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.59 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:232 Resp: 64759

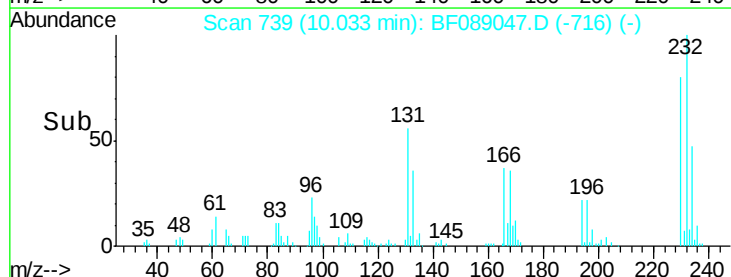
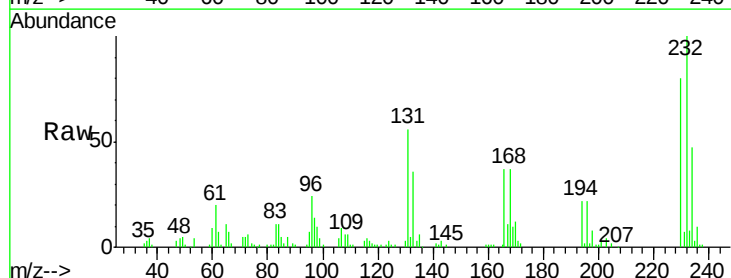
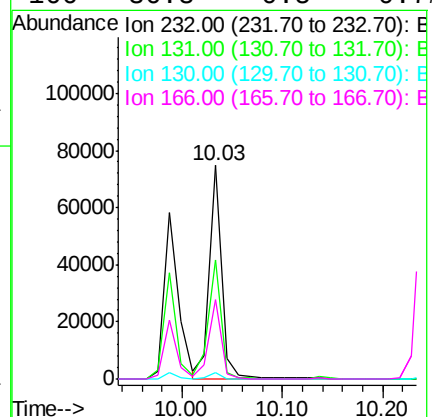
Ion Ratio Lower Upper

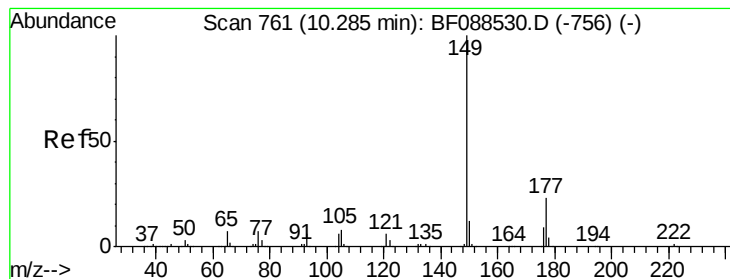
232 100

131 57.1 0.9 1.3#

130 2.8 1.5 2.3#

166 36.8 0.5 0.7#





#59

Diethylphthalate

Concen: 41.98 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

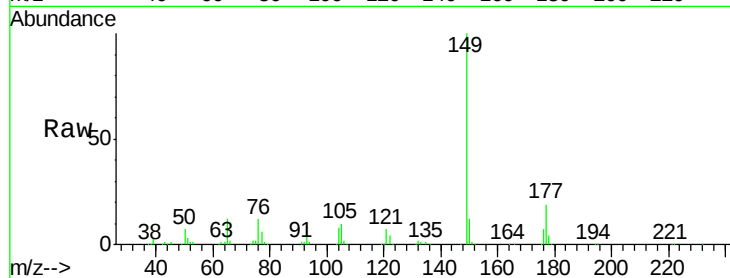
SSTDCCC040

Tot Ion:	149	Resp:	312655
Ion Ratio	Lower	Upper	
149	100		
177	19.1	16.9	25.3
150	12.5	10.1	15.1

Manual Integrations

sohil

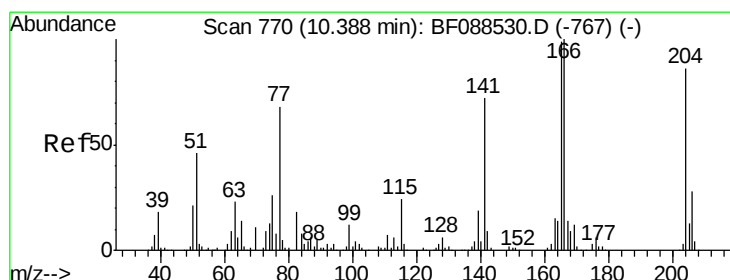
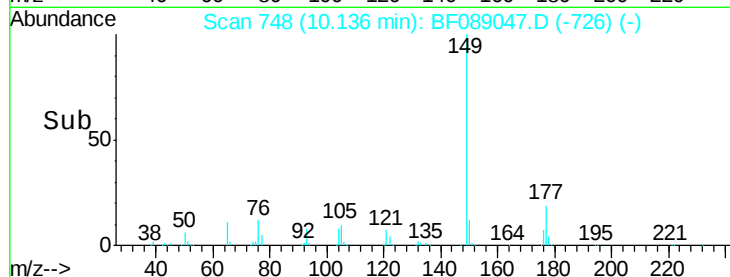
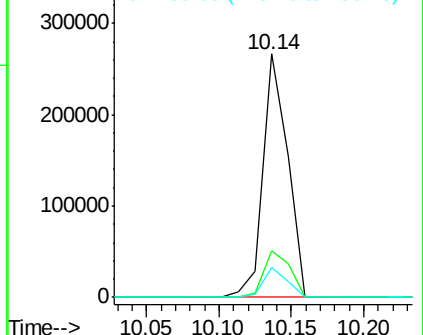
7/18/2016 7:36:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.46 ng

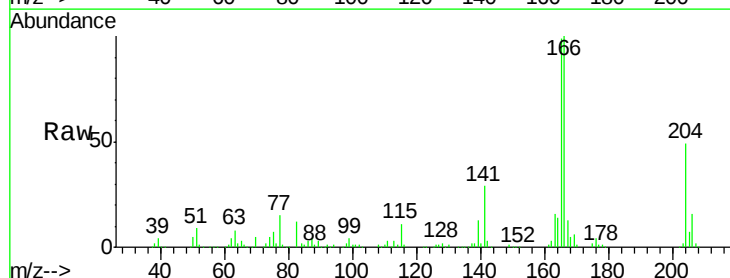
RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

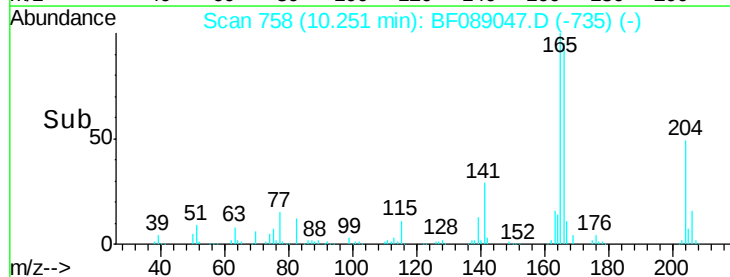
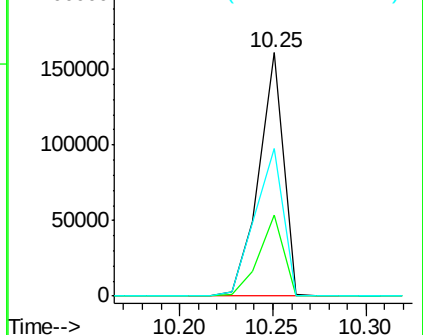
Tgt Ion:	204	Resp:	146894
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.3	39.5
141	60.4	55.0	82.6

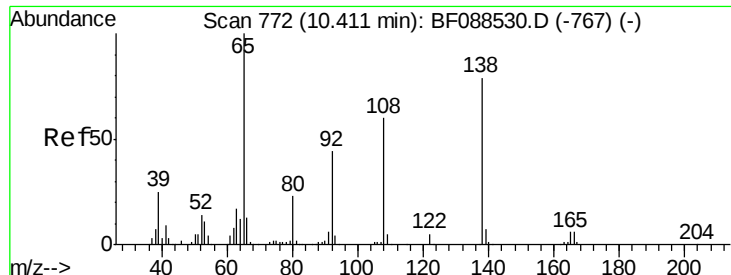


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.30 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF089047.D

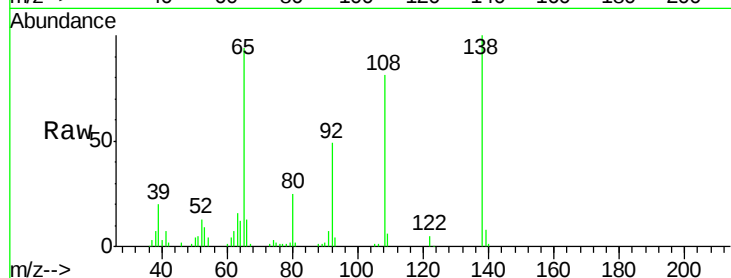
Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tot Ion:138 Resp: 93142

Ion Ratio Lower Upper

138 100

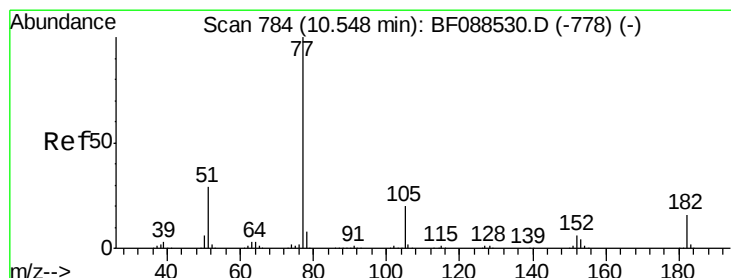
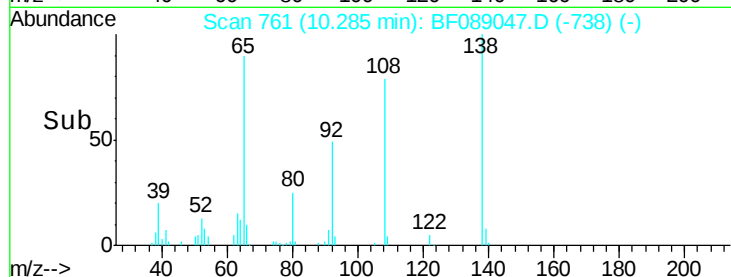
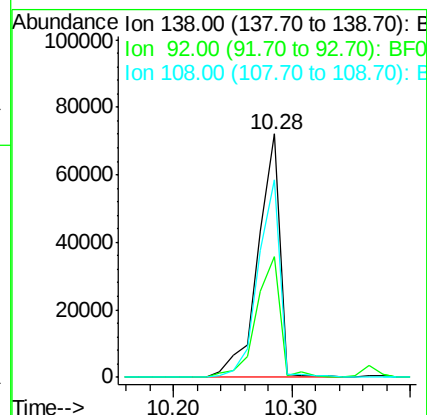
92 49.4 27.3 67.3

108 81.1 46.7 86.7

Manual Integrations

sohil

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#62

Azobenzene

Concen: 41.01 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion: 77 Resp: 348382

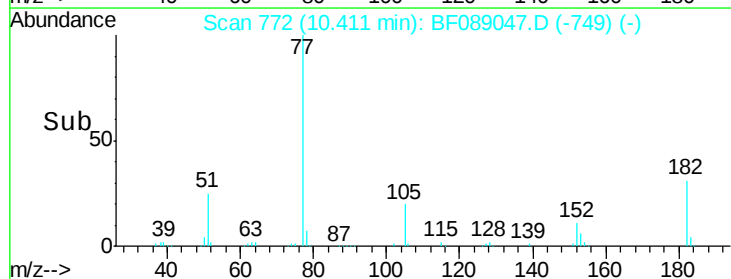
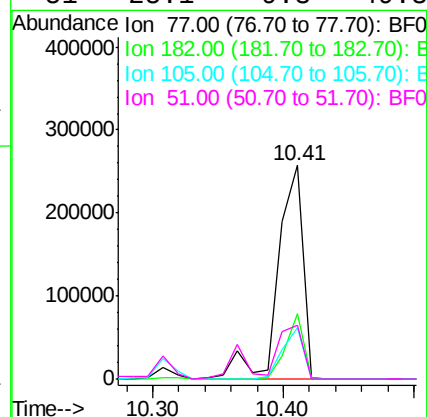
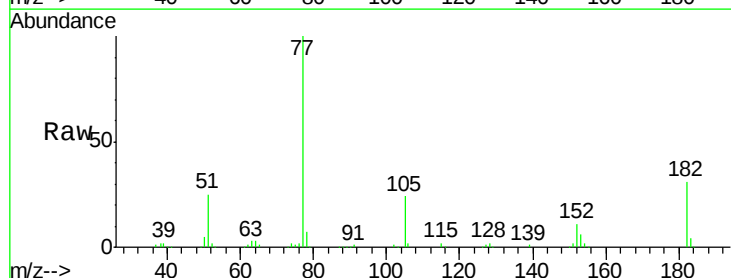
Ion Ratio Lower Upper

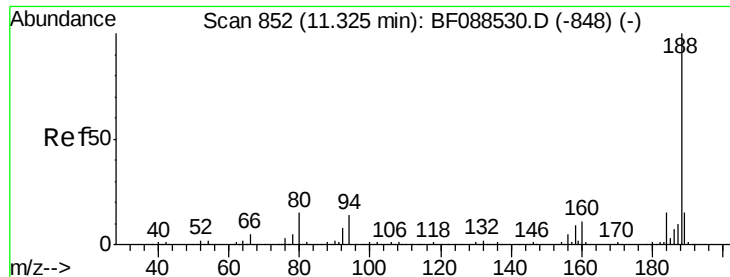
77 100

182 30.6 4.4 44.4

105 24.3 3.8 43.8

51 25.1 9.3 49.3





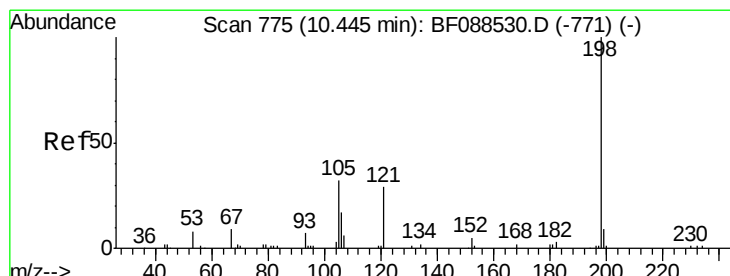
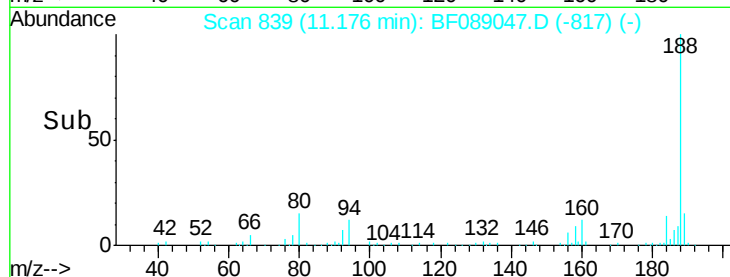
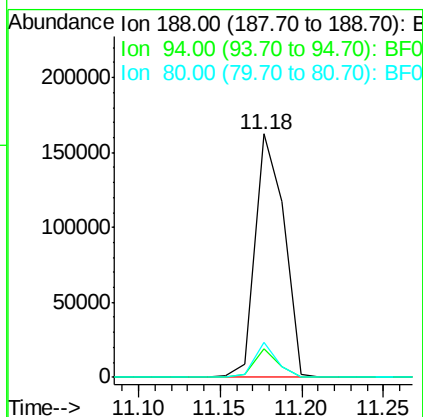
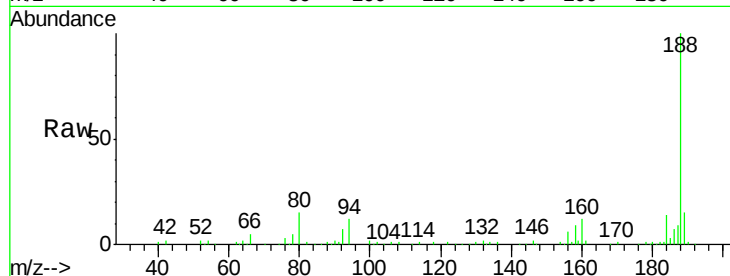
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	199548		
94	11.8		9.0	13.6
80	14.5		10.0	15.0

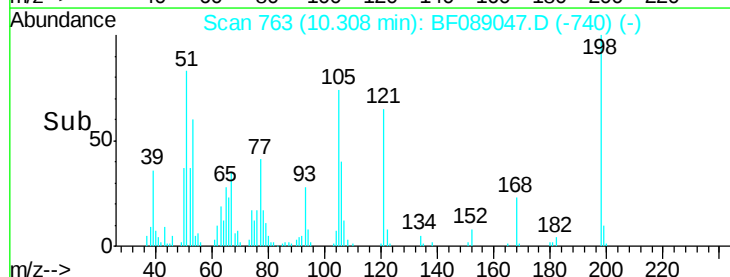
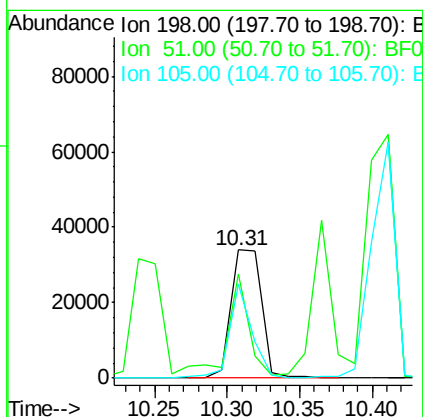
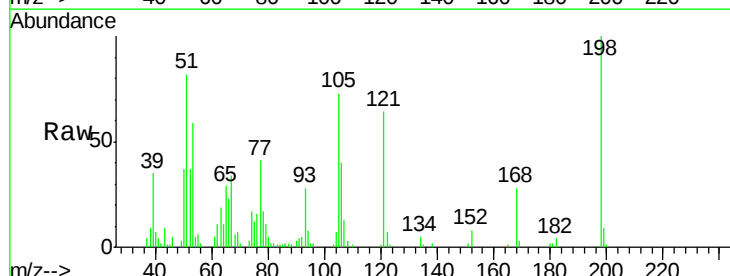
Manual Integrations

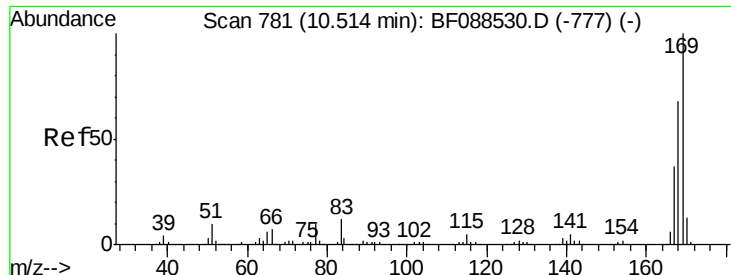
sohil
7/18/2016 7:36:37 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.23 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	49342		
51	81.6		39.6	79.6#
105	73.3		36.6	76.6





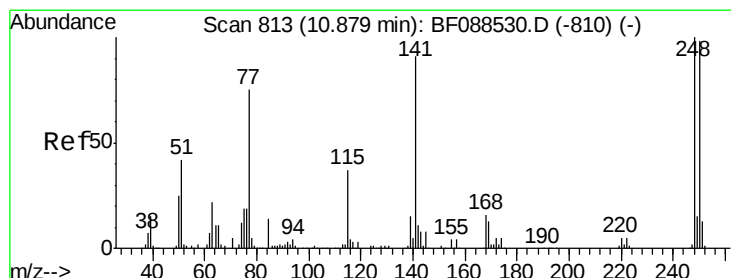
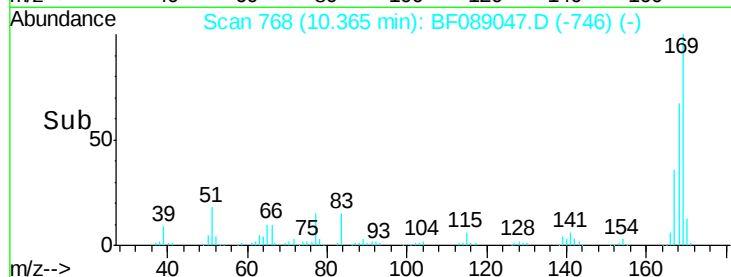
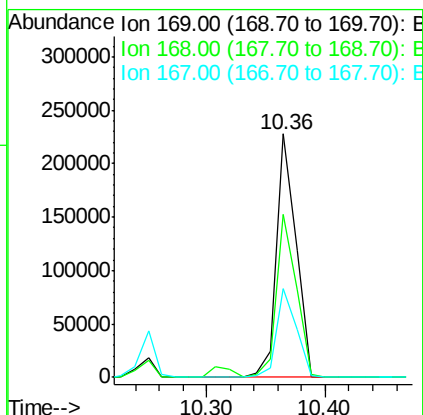
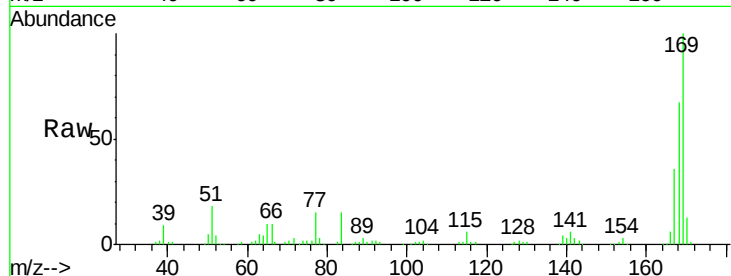
#65
n-Nitrosodiphenylamine
Concen: 38.33 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.0
167	36.3	29.4	44.0

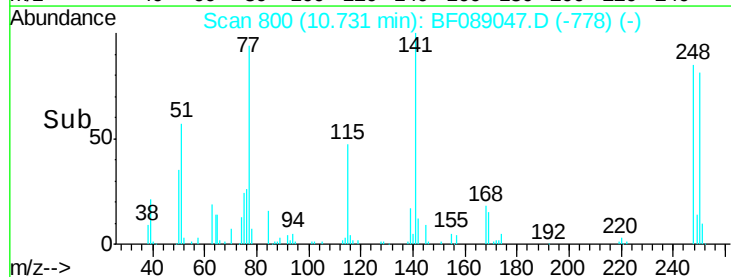
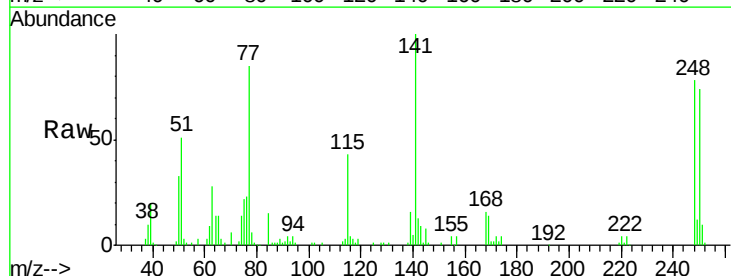
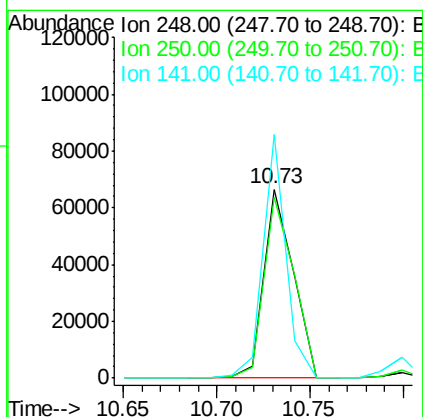
Manual Integrations

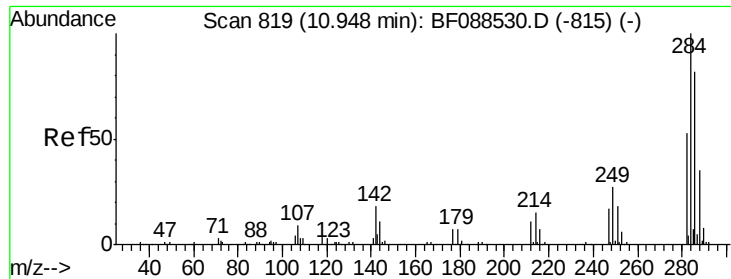
sohil
7/18/2016 7:36:37 PM



#66
4-Bromophenyl-phenylether
Concen: 36.52 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.1	115.7
141	128.8	50.6	76.0





#67

Hexachlorobenzene

Concen: 38.70 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampled :

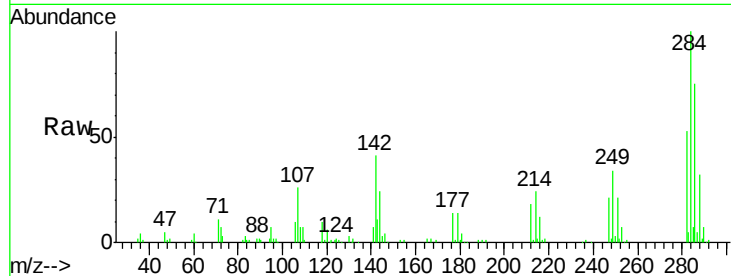
SSTDCCC040

Tot Ion:	284	Resp:	86146
Ion Ratio	Lower	Upper	
284	100		
142	41.1	35.8	53.8
249	34.3	25.8	38.6

Manual Integrations

sohil

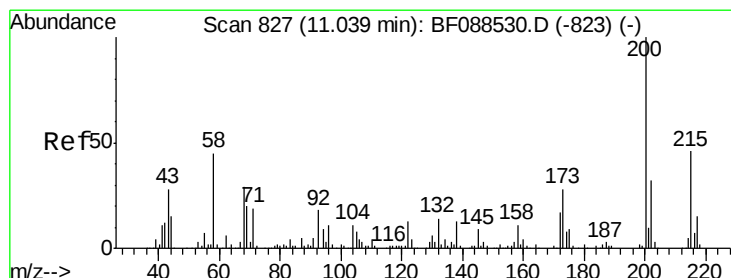
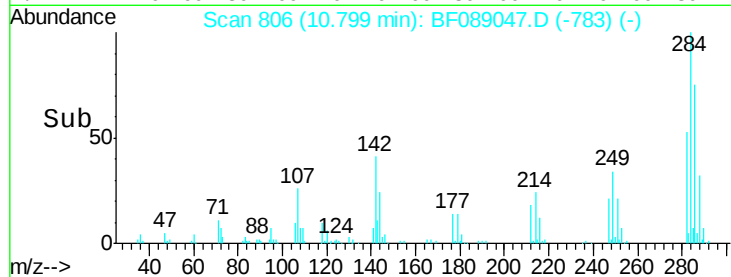
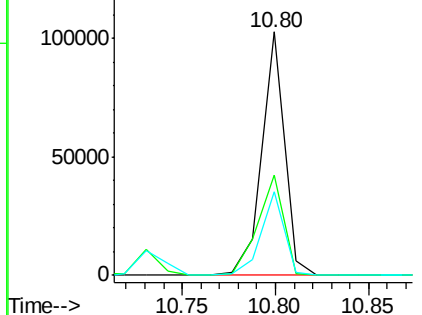
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.60 ng

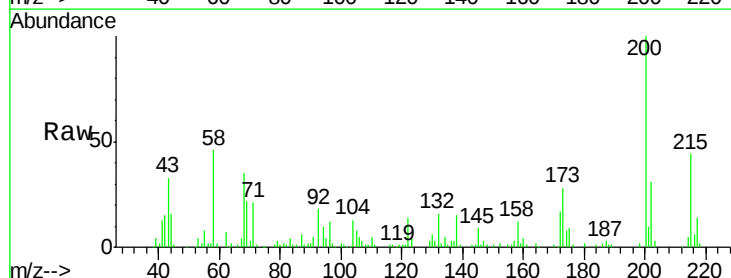
RT: 10.90 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

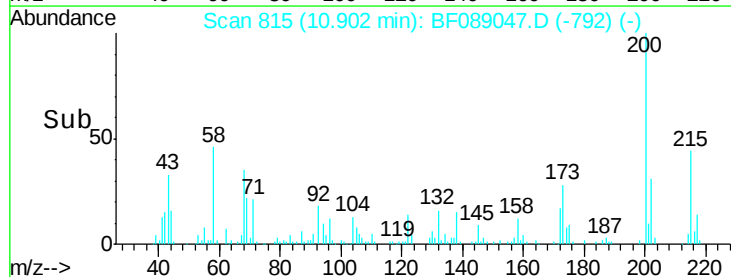
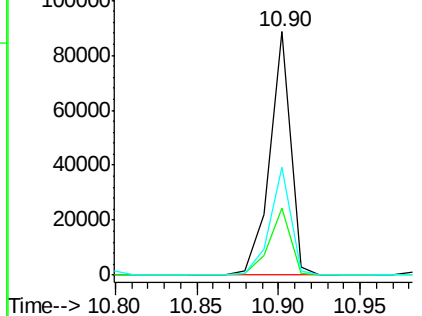
Tgt Ion:	200	Resp:	79129
Ion Ratio	Lower	Upper	
200	100		
173	27.6	4.0	44.0
215	44.1	29.3	69.3

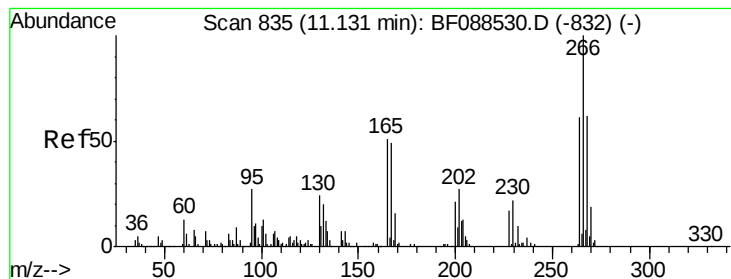


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 31.90 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:266 Resp: 42025

Ion Ratio Lower Upper

266 100

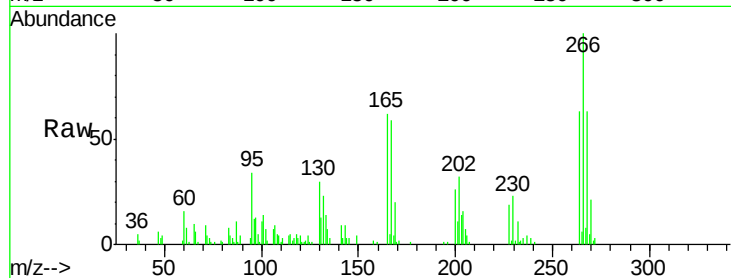
268 62.9 52.8 79.2

264 62.8 49.6 74.4

Manual Integrations

sohil

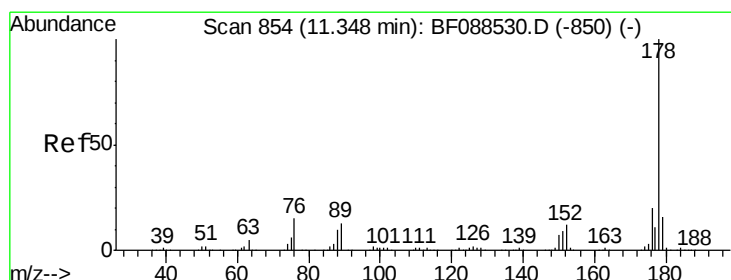
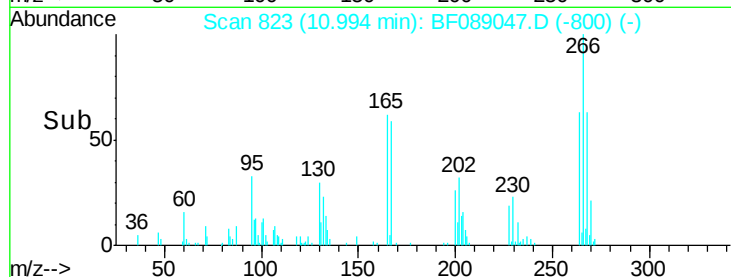
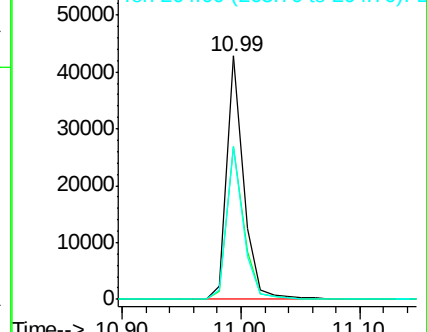
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.69 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

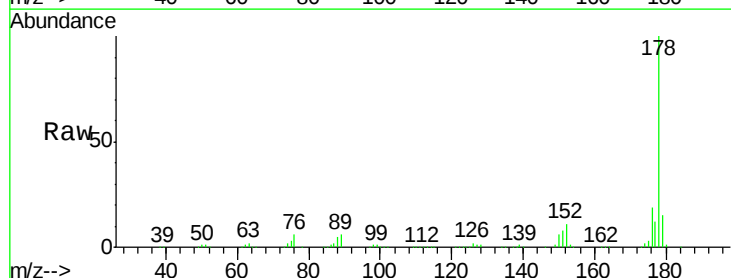
Tgt Ion:178 Resp: 487522

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

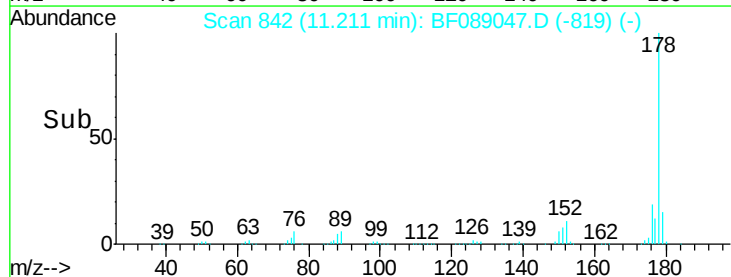
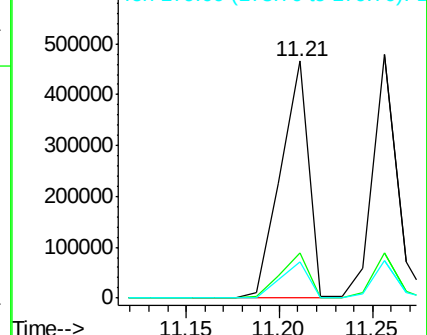
179 15.4 13.0 19.4

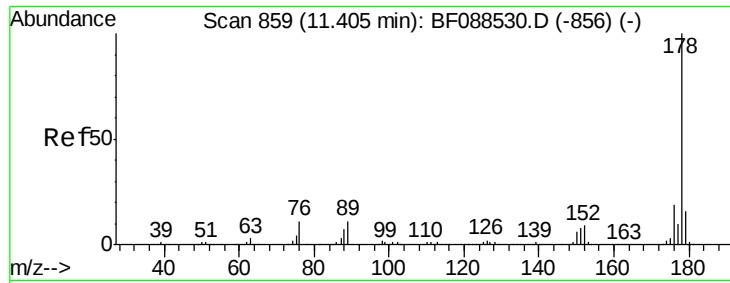


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





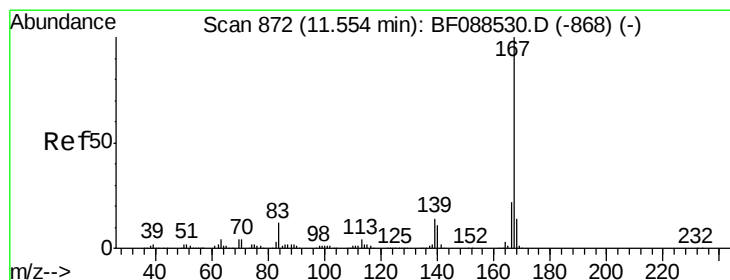
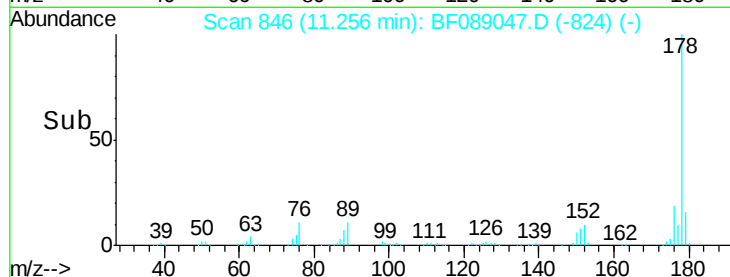
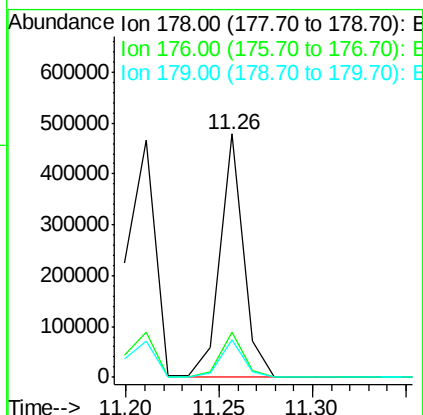
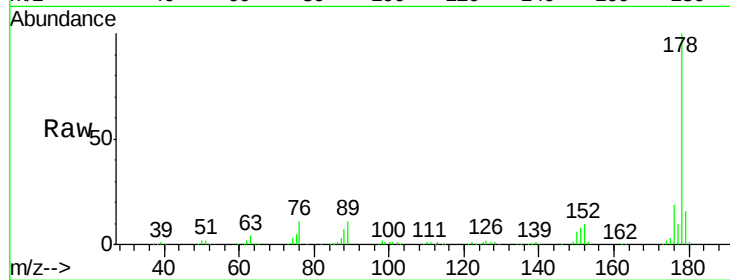
#71
 Anthracene
 Concen: 38.56 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.6	12.8	19.2

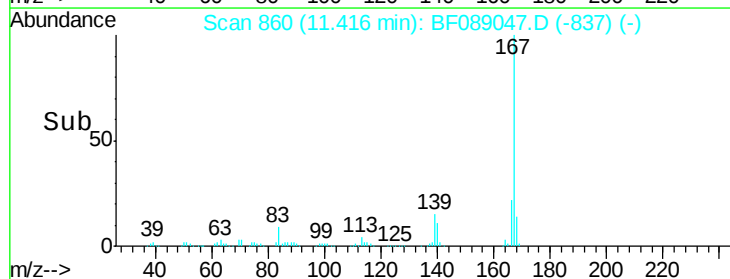
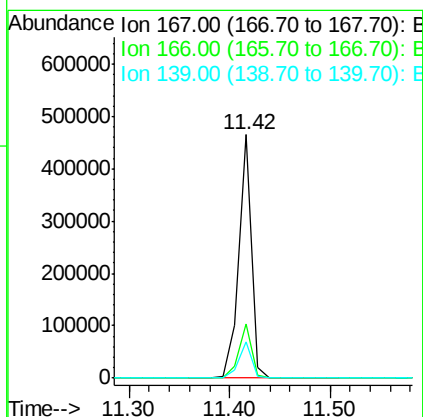
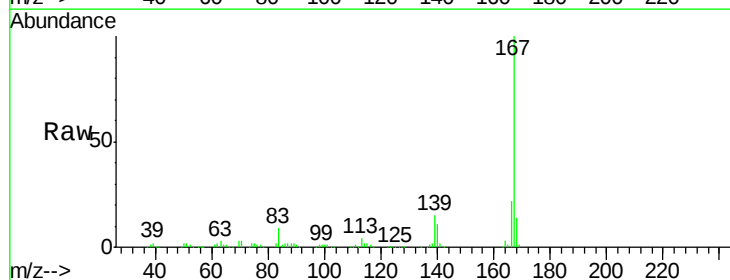
Manual Integrations

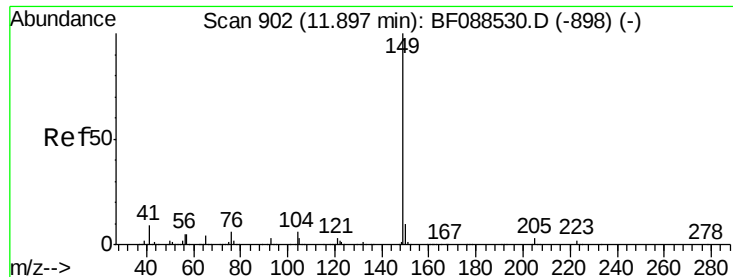
sohil
 7/18/2016 7:36:37 PM



#72
 Carbazole
 Concen: 39.97 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.6	11.2	16.8





#73

Di-n-butylphthalate

Concen: 45.37 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

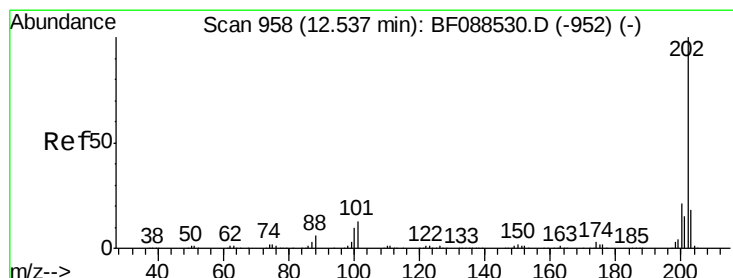
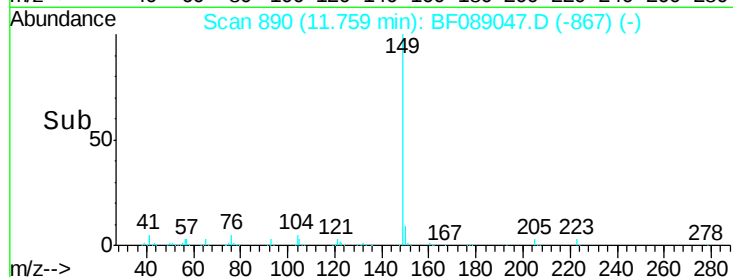
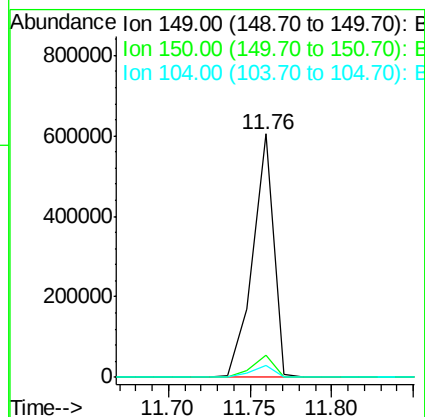
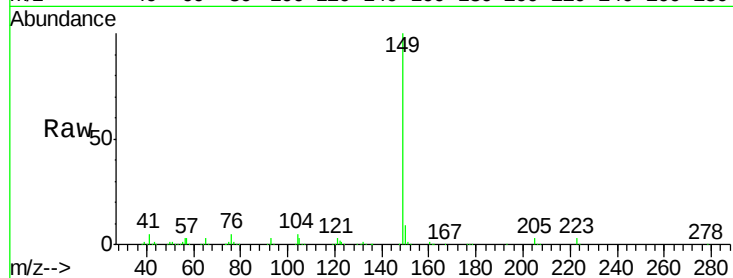
SSTDCCC040

Tot Ion:	149	Resp:	538776
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.9	4.0	6.0

Manual Integrations

sohil

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#74

Fluoranthene

Concen: 42.89 ng

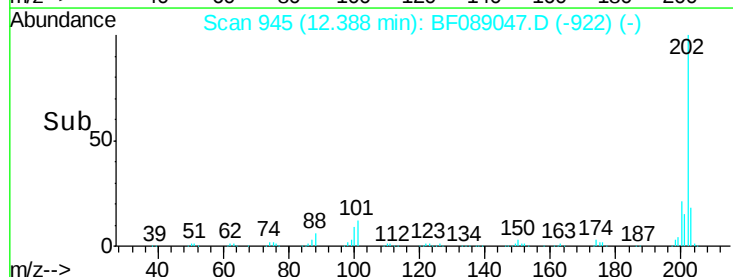
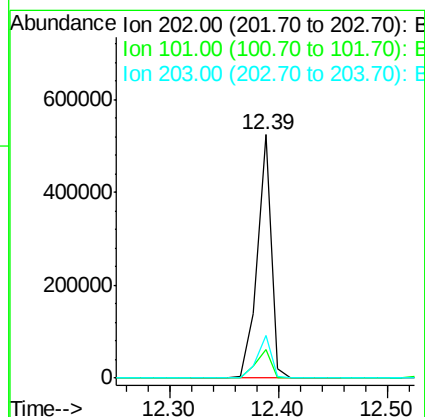
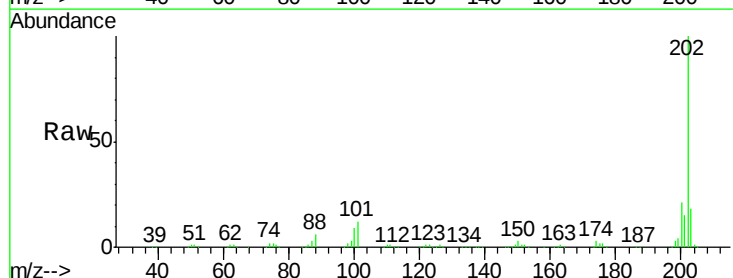
RT: 12.39 min Scan# 945

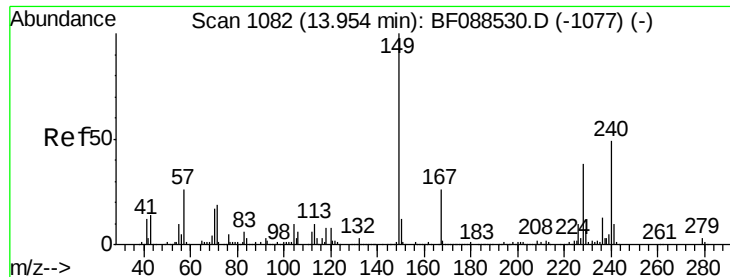
Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	202	Resp:	474239
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	33.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

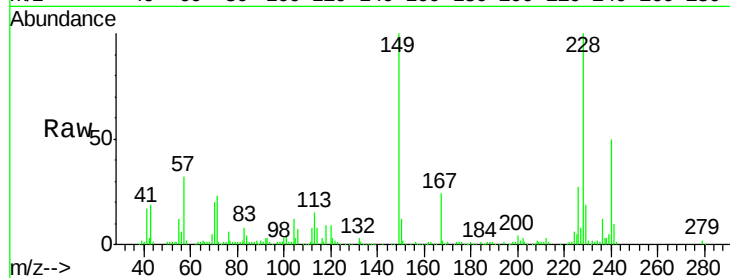
SSTDCCC040

Tot Ion:	240	Resp:	139030
Ion Ratio	Lower	Upper	
240	100		
120	18.9	6.8	10.2#
236	25.2	20.2	30.2

Manual Integrations

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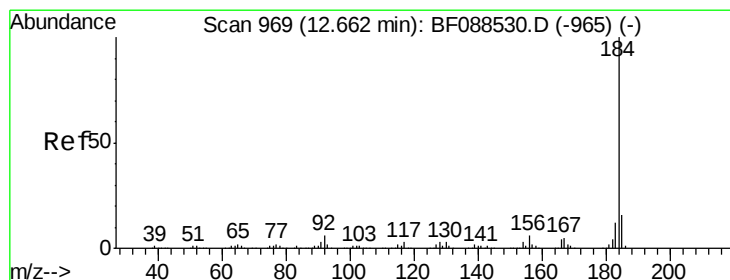
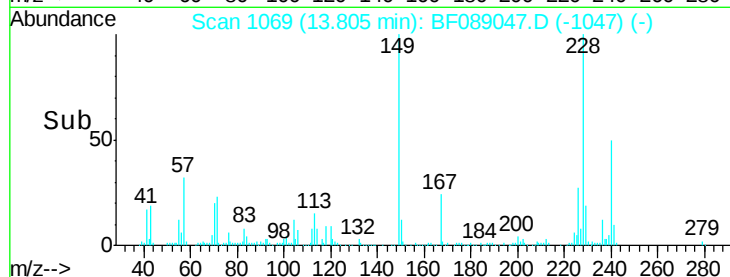
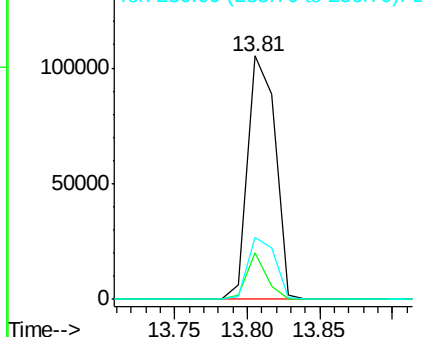
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.68 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF089047.D

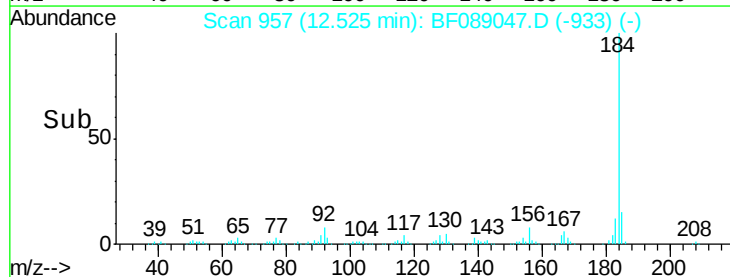
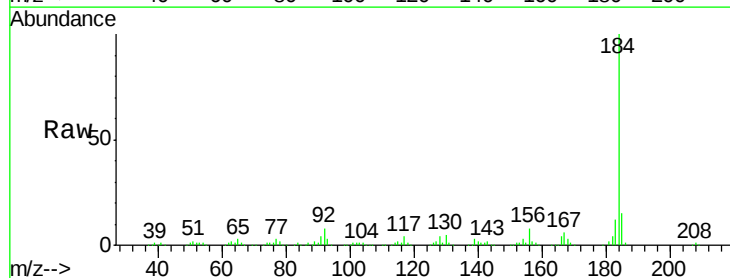
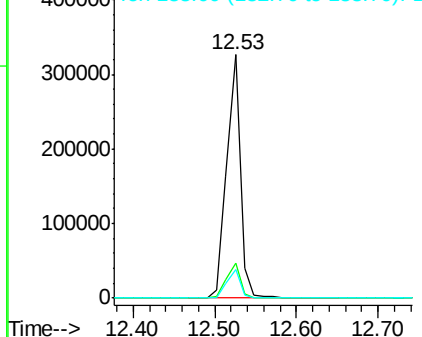
Acq: 16 Jul 2016 11:07

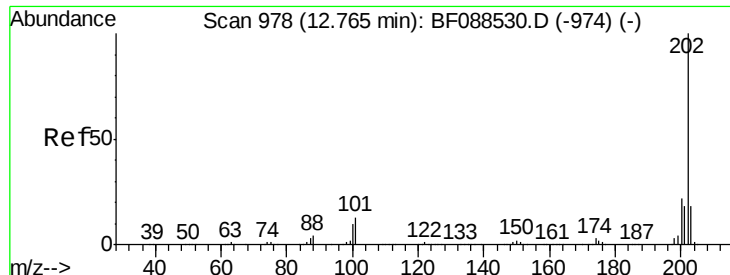
Tgt Ion:	184	Resp:	377228
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.5	18.7
183	12.0	9.3	13.9

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





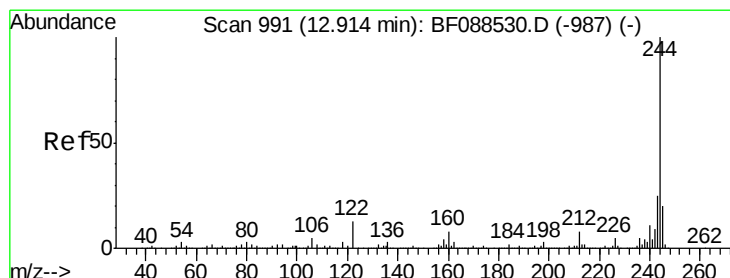
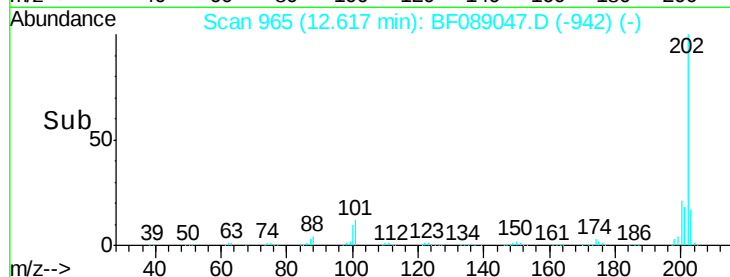
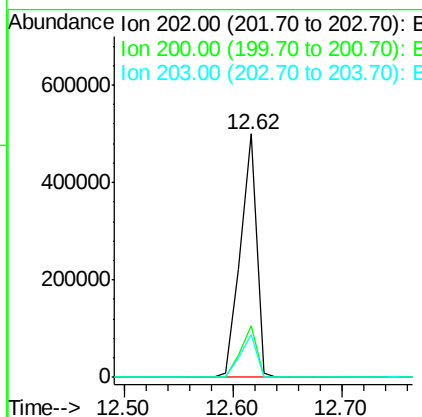
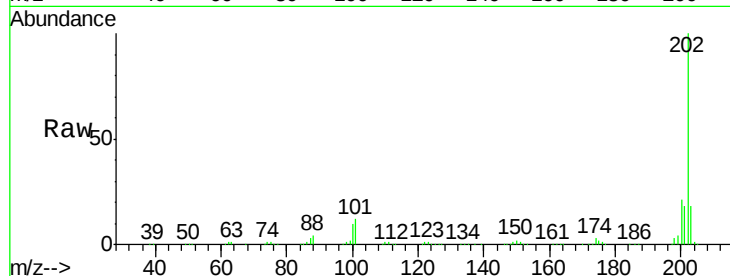
#77
Pvrene
Concen: 43.06 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.5	14.5	21.7

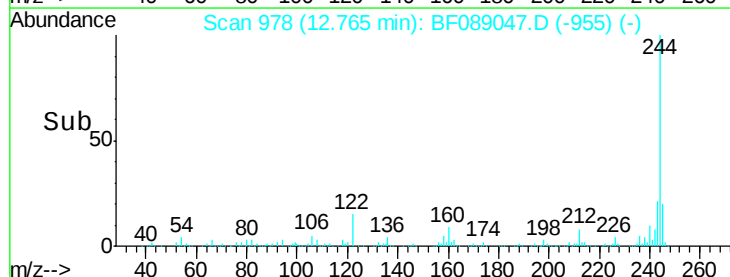
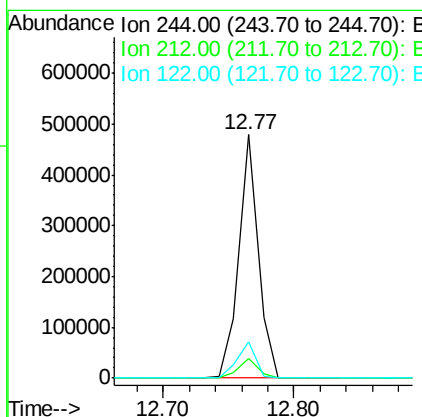
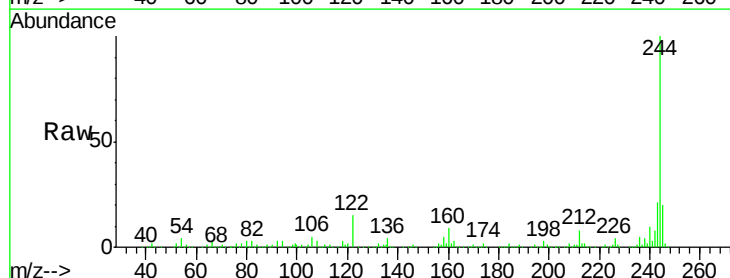
Manual Integrations

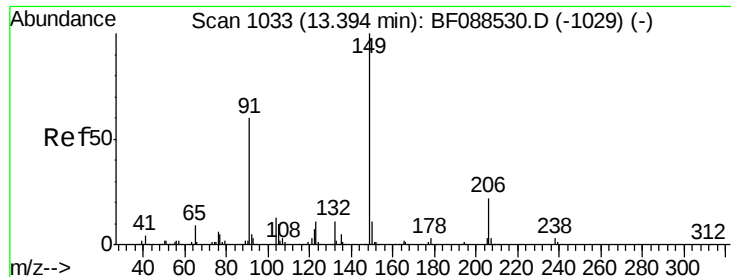
sohil
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#78
Terphenyl-d14
Concen: 79.25 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	15.0	11.2	16.8





#79

Butylbenzylphthalate

Concen: 39.28 ng

RT: 13.25 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

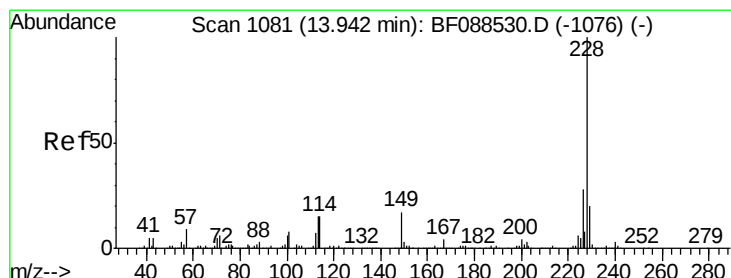
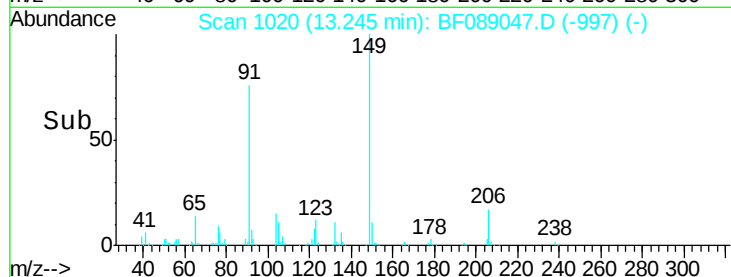
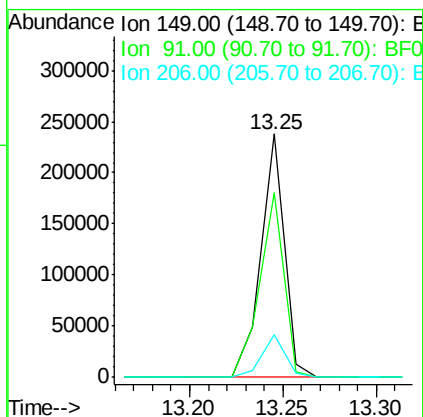
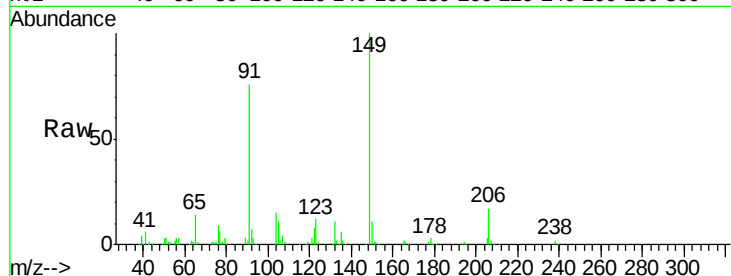
SSTDCCC040

Tot Ion:	149	Resp:	206560
Ion Ratio	Lower	Upper	
149	100		
91	75.7	48.0	72.0#
206	17.4	16.0	24.0

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 40.19 ng

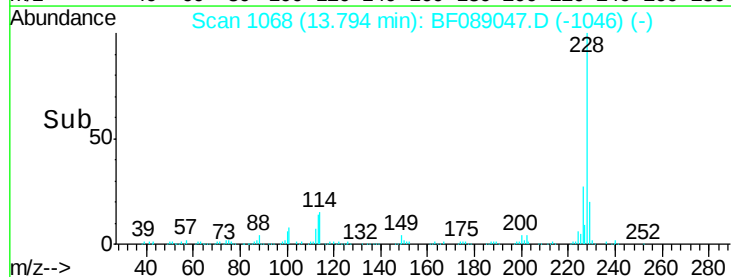
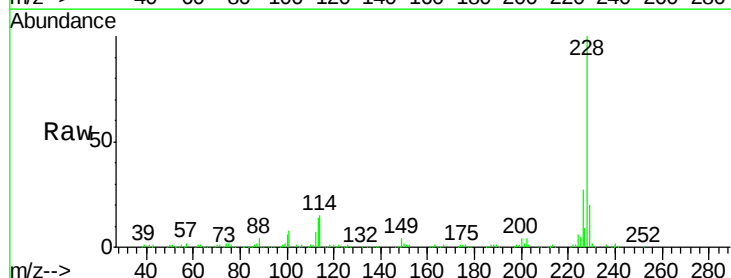
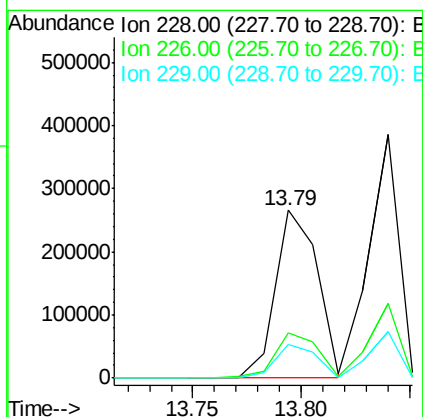
RT: 13.79 min Scan# 1068

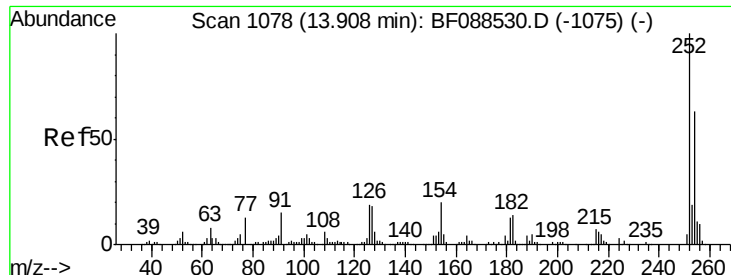
Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	228	Resp:	359779
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.3	33.5
229	19.9	16.0	24.0





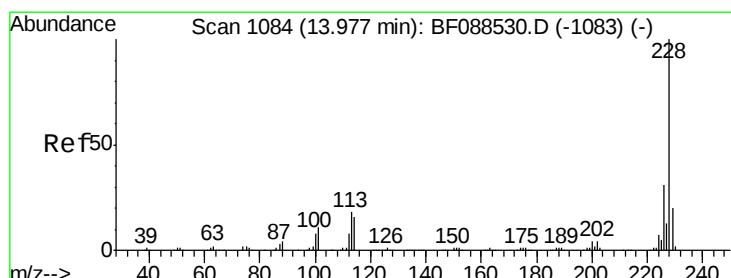
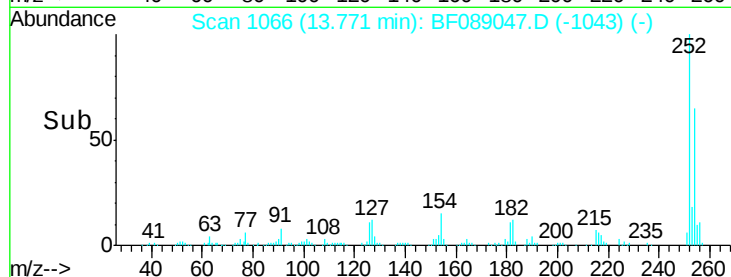
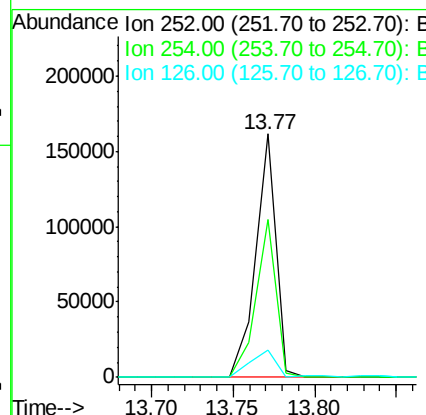
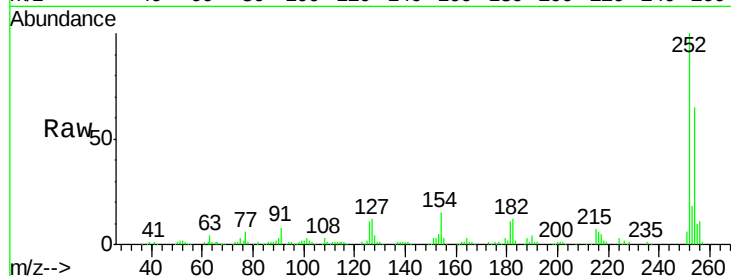
#81
 3,3'-Dichlorobenzidine
 Concen: 41.46 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	11.4	6.2	9.2

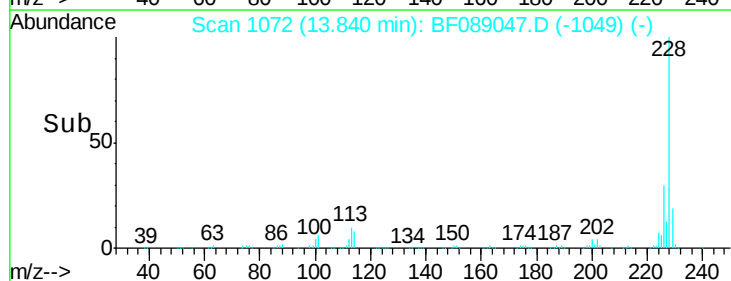
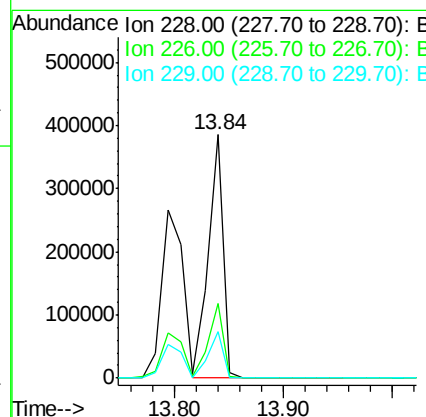
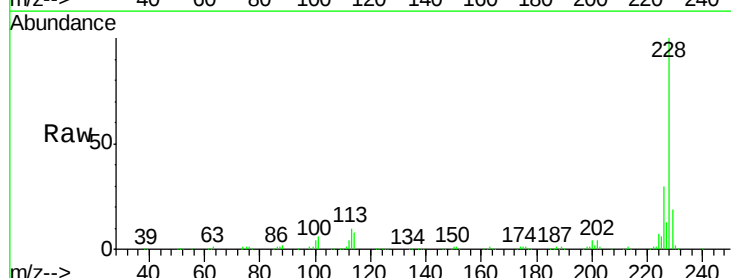
Manual Integrations

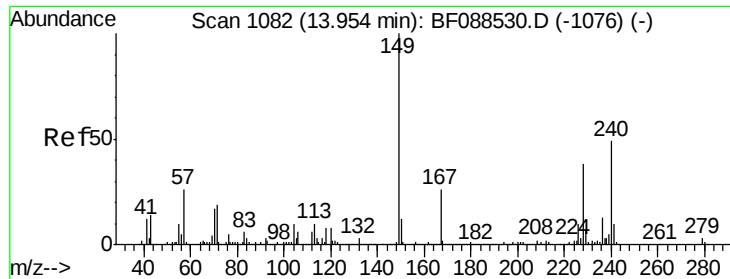
sohil
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#82
 Chrysene
 Concen: 41.62 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	19.3	16.3	24.5





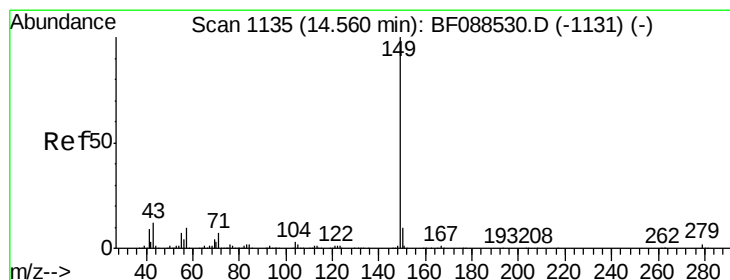
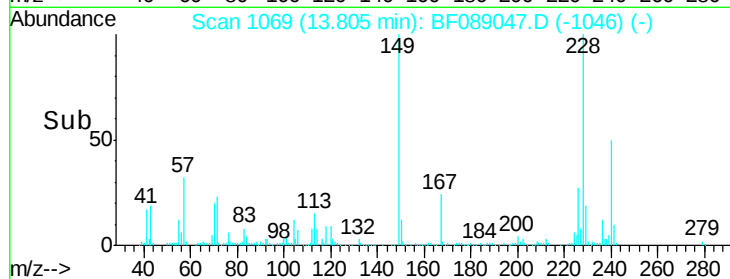
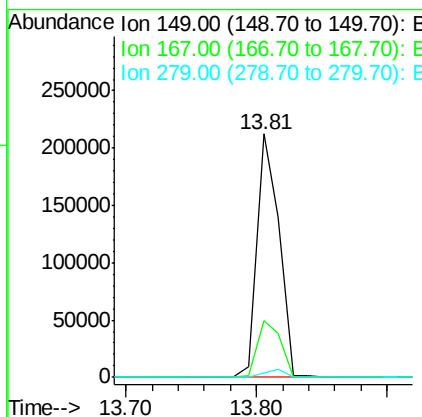
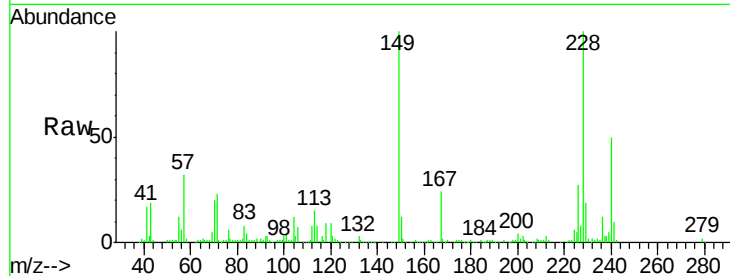
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.88 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.5	30.7
279	1.9	2.0	3.0

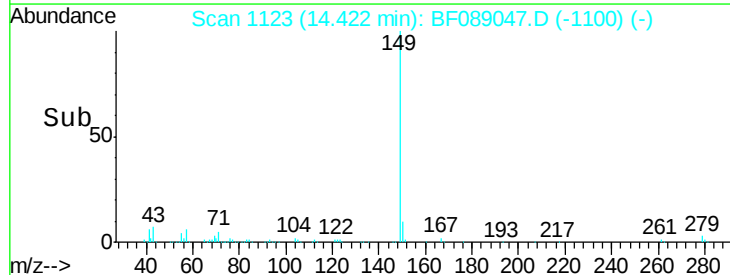
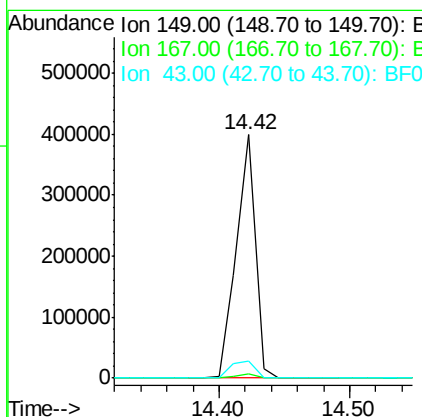
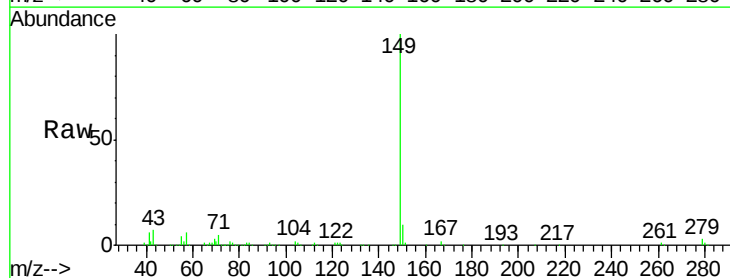
Manual Integrations

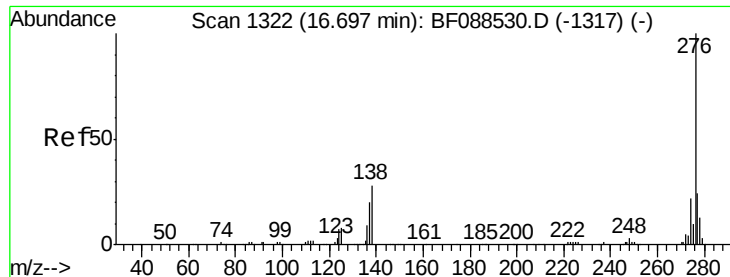
sohil
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#84
 Di-n-octyl phthalate
 Concen: 39.56 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	0.0	0.0
43	9.5	0.0	0.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.42 ng

RT: 16.46 min Scan# 1301

Delta R.T. -0.05 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:276 Resp: 255002

Ion Ratio Lower Upper

276 100

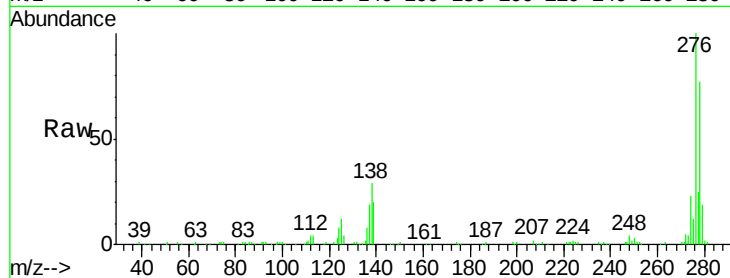
138 29.3 0.0 0.0#

277 25.5 0.0 0.0#

Manual Integrations

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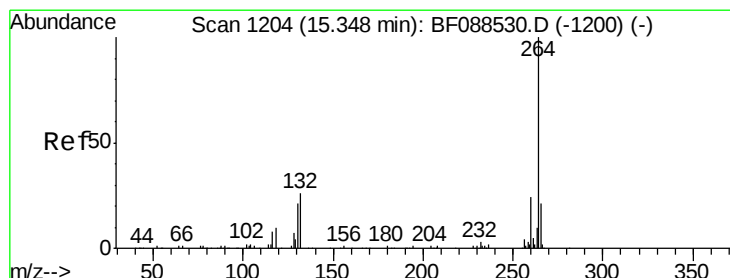
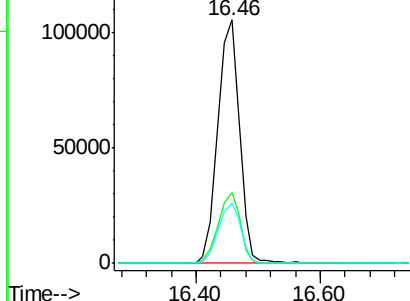
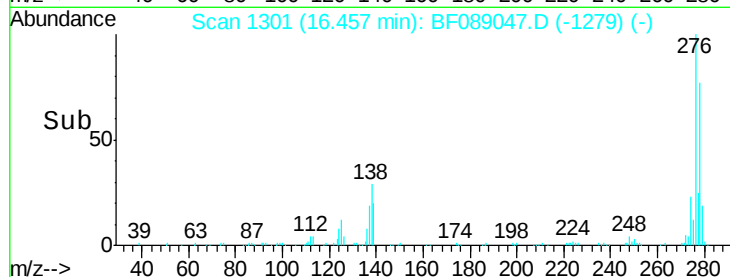
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.18 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

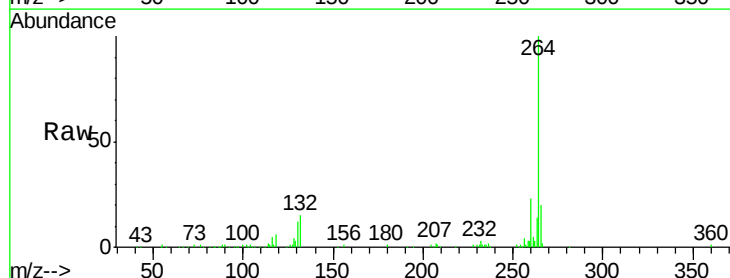
Tgt Ion:264 Resp: 116806

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

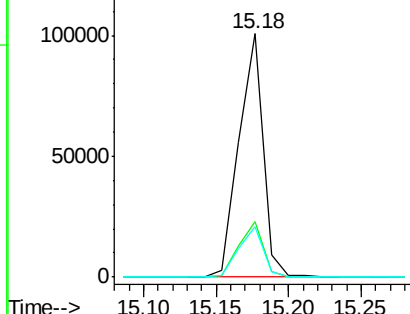
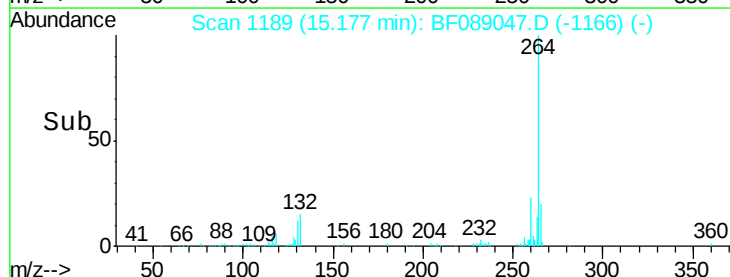
265 20.5 16.9 25.3

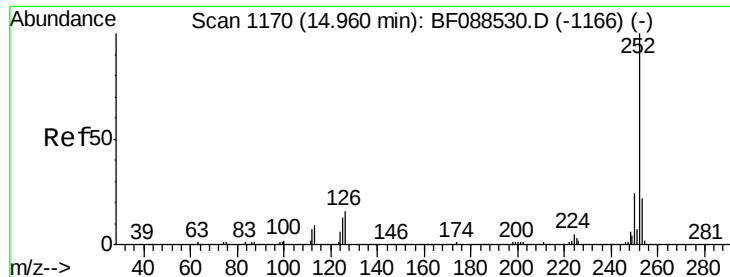


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.75 ng m

RT: 14.80 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Instrument :

BNA_F

ClientSampleId :

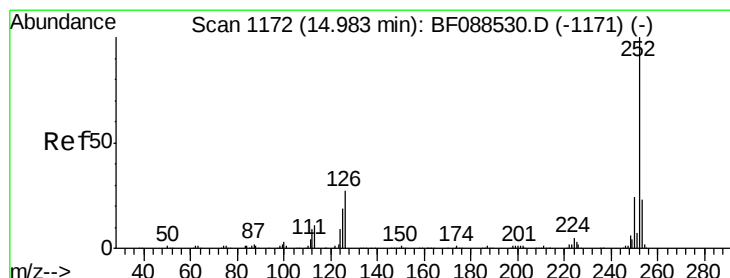
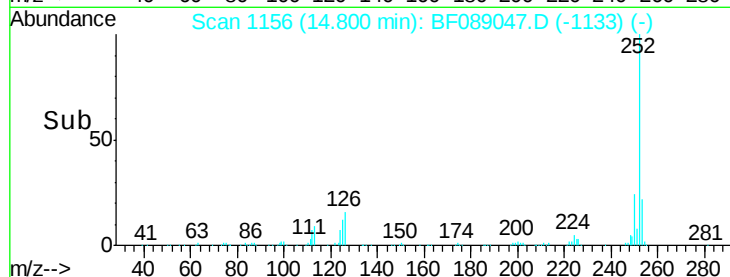
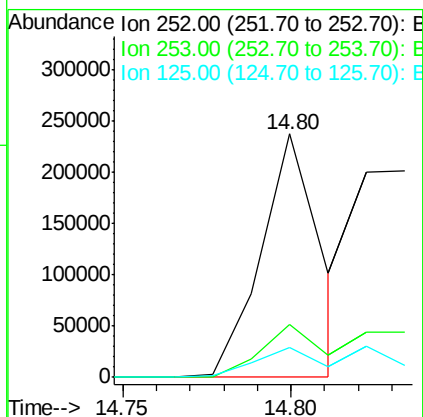
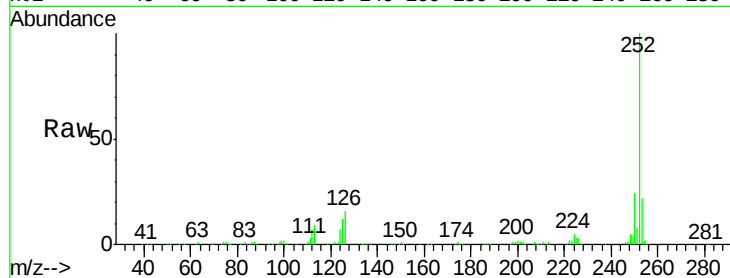
SSTDCCC040

Tot Ion:	252	Resp:	291271
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.2
125	12.4	7.1	10.7#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 44.13 ng m

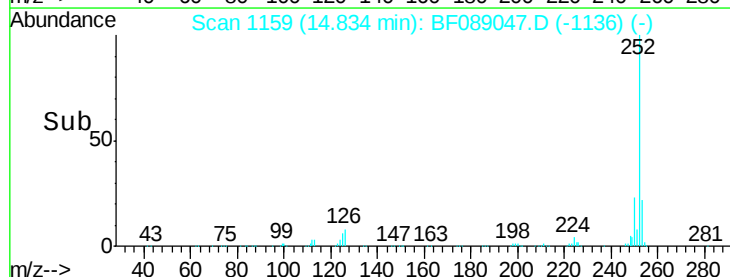
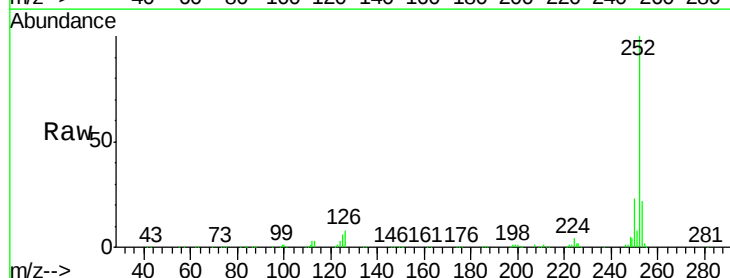
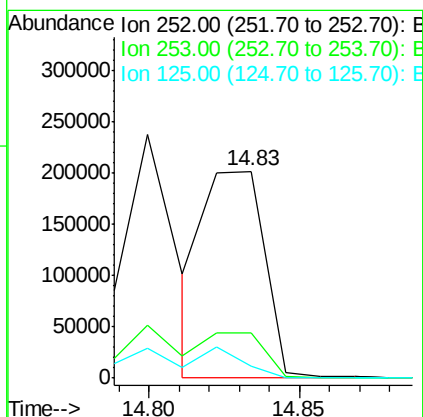
RT: 14.83 min Scan# 1159

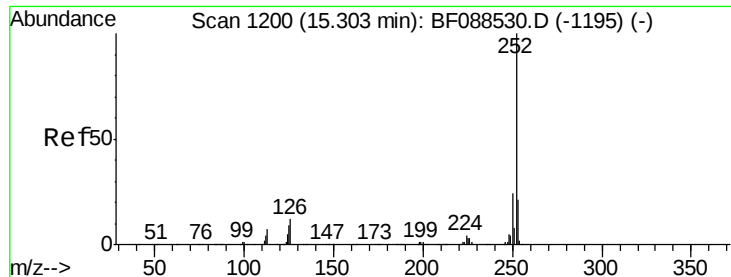
Delta R.T. -0.03 min

Lab File: BF089047.D

Acq: 16 Jul 2016 11:07

Tgt Ion:	252	Resp:	281526
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	5.7	11.2	16.8#





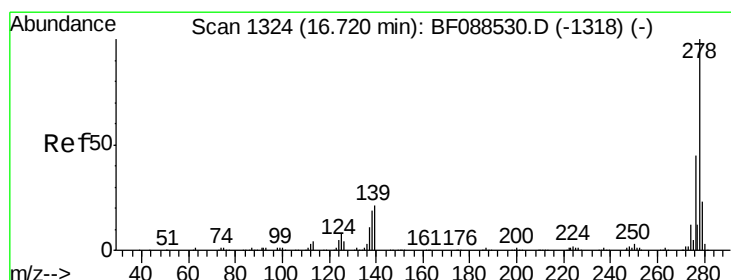
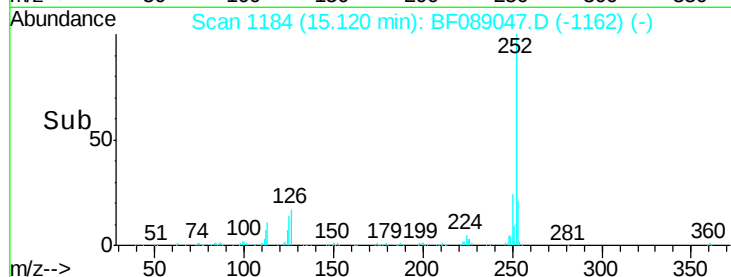
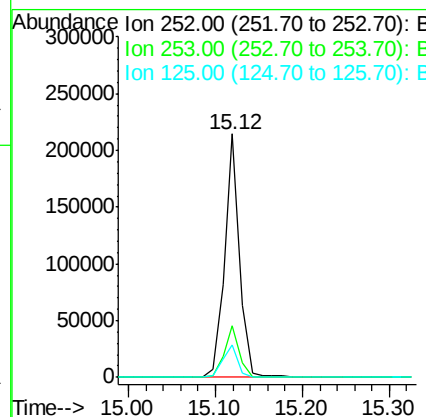
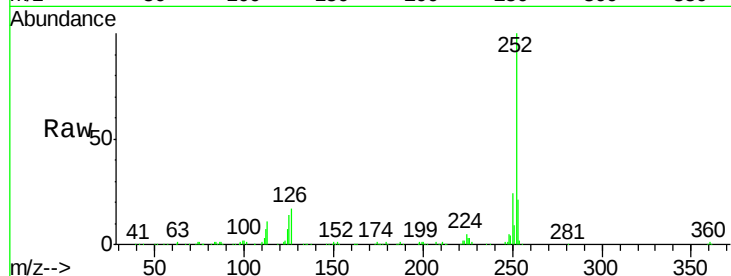
#89
Benzo(a)pyrene
Concen: 41.59 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	252	Resp:	257994
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	13.5	12.5	18.7

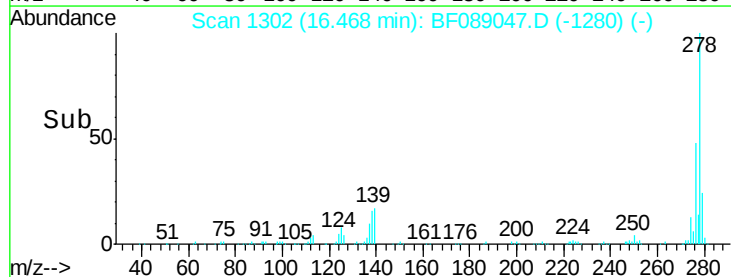
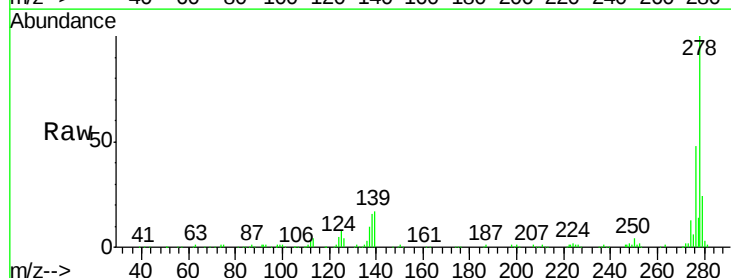
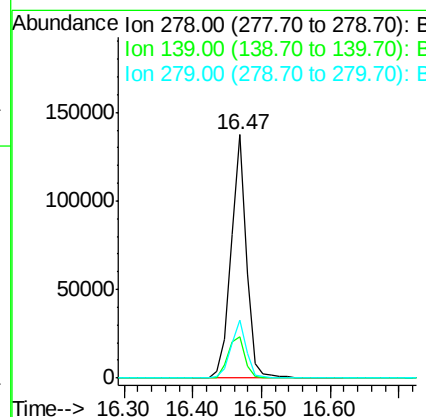
Manual Integrations

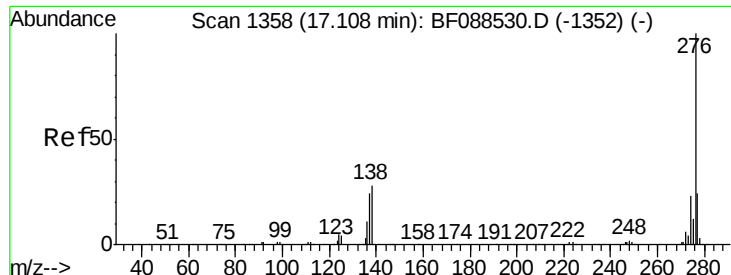
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.32 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.05 min
Lab File: BF089047.D
Acq: 16 Jul 2016 11:07

Tgt Ion:	278	Resp:	219231
Ion Ratio	Lower	Upper	
278	100		
139	17.1	15.7	23.5
279	23.8	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 41.28 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. -0.05 min
 Lab File: BF089047.D
 Acq: 16 Jul 2016 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	221268
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.9	28.3
138	22.2	21.4	32.2

Manual Integrations

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