

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088538.D
 Acq On : 30 Jun 2016 19:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:13 AM

Quant Time: Jul 01 01:54:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118860	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	510393	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225463	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	413111	20.00	ng	0.00
75) Chrysene-d12	13.95	240	267828	20.00	ng	0.00
86) Perylene-d12	15.35	264	228040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	657459	82.90	ng	0.00
7) Phenol-d6	6.44	99	791318	77.22	ng	0.00
23) Nitrobenzene-d5	7.38	82	743105	76.30	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	175973	84.05	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1038213	72.74	ng	0.00
78) Terphenyl-d14	12.91	244	963519	80.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	153710	39.09	ng	# 32
3) Pyridine	3.08	79	442748	38.80	ng	95
4) n-Nitrosodimethylamine	3.04	42	169018	38.78	ng	88
6) Aniline	6.48	93	603102	40.38	ng	100
8) 2-Chlorophenol	6.59	128	324349	38.05	ng	93
9) Benzaldehyde	6.35	77	255597	36.82	ng	82
10) Phenol	6.46	94	473848	40.52	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	336156	38.54	ng	# 80
12) 1,3-Dichlorobenzene	6.75	146	345369	36.82	ng	96
13) 1,4-Dichlorobenzene	6.83	146	370048	39.75	ng	97
14) 1,2-Dichlorobenzene	6.99	146	327355	37.57	ng	98
15) Benzyl Alcohol	6.96	79	308275	40.87	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	506803	40.13	ng	94
17) 2-Methylphenol	7.07	107	282679	40.65	ng	98
18) Hexachloroethane	7.34	117	146531	40.69	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	244437	35.51	ng	94
20) 3+4-Methylphenols	7.22	107	311635	37.34	ng	# 84
22) Acetophenone	7.23	105	481442	38.86	ng	# 97
24) Nitrobenzene	7.40	77	379187	38.61	ng	100
25) Isophorone	7.64	82	677311	37.54	ng	98
26) 2-Nitrophenol	7.71	139	149696	37.17	ng	95
27) 2,4-Dimethylphenol	7.76	122	330501	39.41	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	428735	36.52	ng	98
29) 2,4-Dichlorophenol	7.95	162	248987	36.73	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	290351	39.03	ng	99
31) Naphthalene	8.12	128	998481	39.68	ng	99
32) Benzoic acid	7.87	122	236994	38.92	ng	92
33) 4-Chloroaniline	8.17	127	427891	38.22	ng	98
34) Hexachlorobutadiene	8.25	225	161312	40.50	ng	98
35) Caprolactam	8.55	113	93219	40.49	ng	# 67
36) 4-Chloro-3-methylphenol	8.65	107	307169	38.32	ng	96
37) 2-Methylnaphthalene	8.81	142	563588	34.79	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	311648	41.56	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	144441	39.24	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	180460	36.50	ng	96
43) 2,4,5-Trichlorophenol	9.12	196	175970	41.37	ng #	79
45) 1,1'-Biphenyl	9.28	154	763524	40.90	ng	99
46) 2-Chloronaphthalene	9.30	162	605113	41.29	ng	99
47) 2-Nitroaniline	9.39	65	227376	43.71	ng	95
48) Acenaphthylene	9.71	152	918093	39.37	ng	99
49) Dimethylphthalate	9.58	163	592511	36.89	ng	99
50) 2,6-Dinitrotoluene	9.63	165	132032	37.09	ng #	43
51) Acenaphthene	9.88	154	538741	37.69	ng	97
52) 3-Nitroaniline	9.80	138	202172	44.67	ng	95
53) 2,4-Dinitrophenol	9.91	184	61518	39.14	ng #	66
54) Dibenzofuran	10.06	168	731345	39.09	ng #	91
55) 4-Nitrophenol	9.95	139	147494	42.89	ng	97
56) 2,4-Dinitrotoluene	10.03	165	182714	39.25	ng #	54
57) Fluorene	10.40	166	596961	41.40	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	135583	41.20	ng #	48
59) Diethylphthalate	10.27	149	645047	40.01	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	242671	36.22	ng	89
61) 4-Nitroaniline	10.41	138	157617	36.19	ng	86
62) Azobenzene	10.55	77	699860	38.06	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	93784	42.44	ng #	57
65) n-Nitrosodiphenylamine	10.51	169	576029	41.20	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	159165	38.23	ng #	84
67) Hexachlorobenzene	10.95	284	186395	40.45	ng #	74
68) Atrazine	11.04	200	177771	40.80	ng	93
69) Pentachlorophenol	11.13	266	111520	40.89	ng	97
70) Phenanthrene	11.35	178	840607	37.22	ng	99
71) Anthracene	11.41	178	888010	39.55	ng	100
72) Carbazole	11.55	167	735699	34.81	ng	99
73) Di-n-butylphthalate	11.90	149	889735	36.19	ng	99
74) Fluoranthene	12.54	202	915307	39.98	ng	100
76) Benzidine	12.66	184	532863	39.36	ng	99
77) Pyrene	12.77	202	969453	42.69	ng	100
79) Butylbenzylphthalate	13.39	149	389259	38.43	ng	98
80) Benzo(a)anthracene	13.94	228	657976	38.15	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	234434	36.16	ng #	94
82) Chrysene	13.98	228	618026	36.22	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	469829	40.63	ng	99
84) Di-n-octyl phthalate	14.56	149	761287	38.75	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	494336	37.66	ng #	100
87) Benzo(b)fluoranthene	14.96	252	563104m	39.36	ng	
88) Benzo(k)fluoranthene	14.98	252	485604m	38.99	ng	
89) Benzo(a)pyrene	15.29	252	487680	40.27	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	420212	41.55	ng	99
91) Benzo(g,h,i)perylene	17.11	276	442983	42.33	ng	100

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

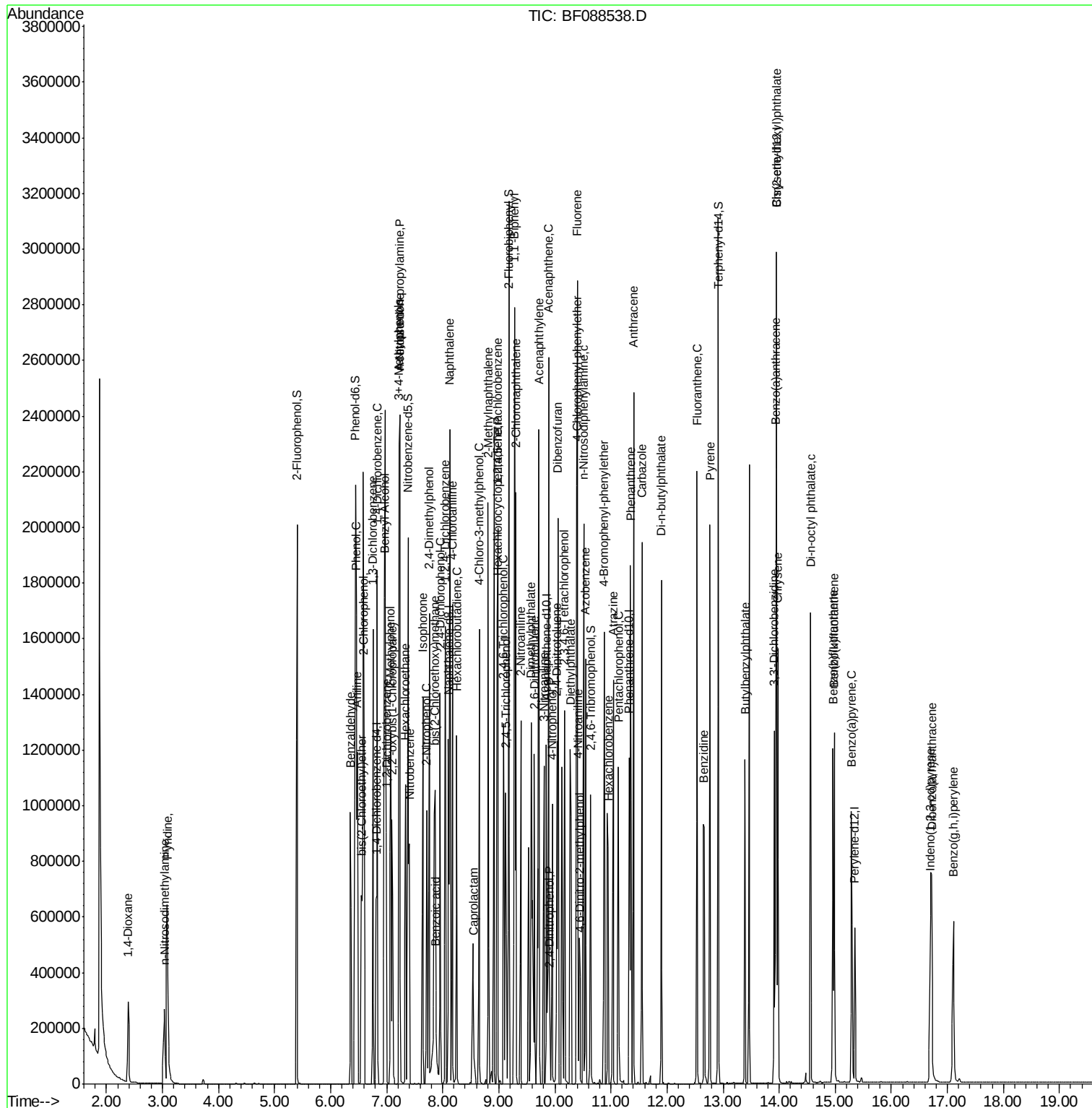
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Acq On    : 30 Jun 2016   19:31  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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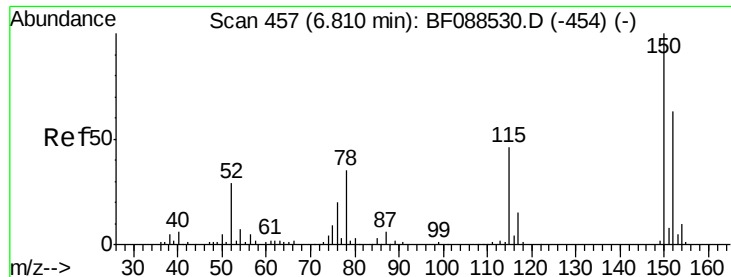
Instrument :
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ClientSampleId :
SSTDCCC040EC

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#1

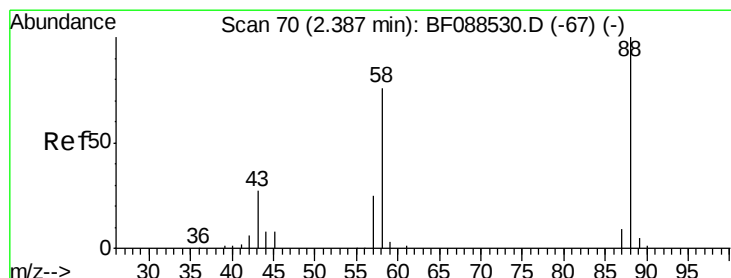
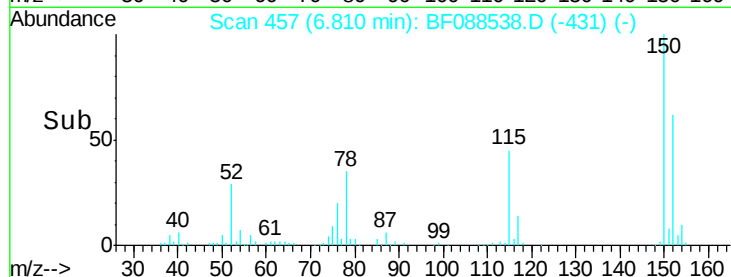
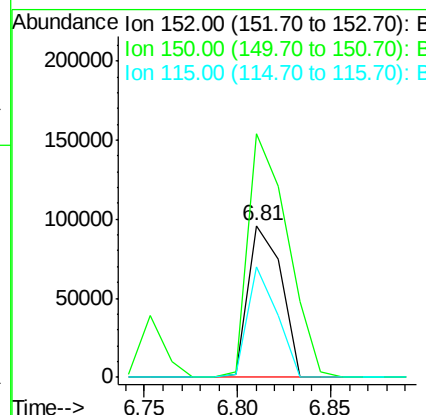
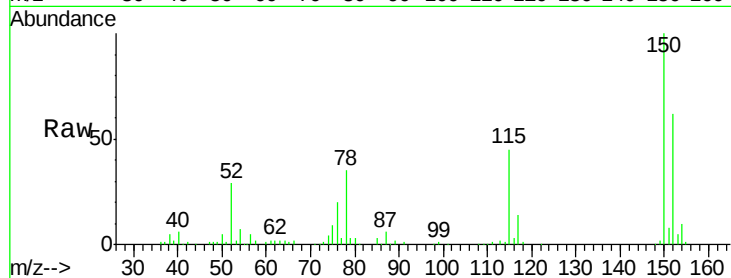
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.8	185.6
115	72.7	39.6	59.4

Manual Integrations

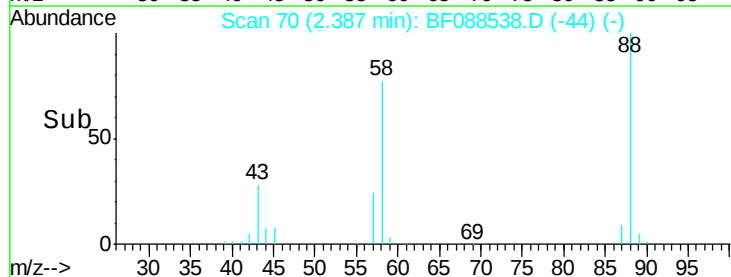
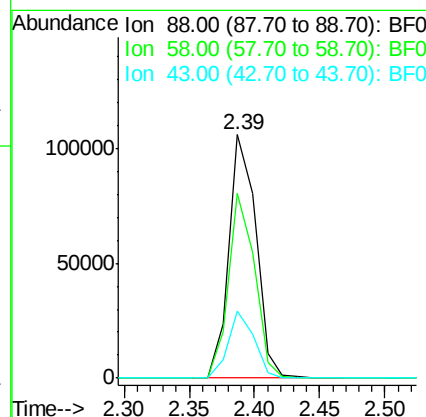
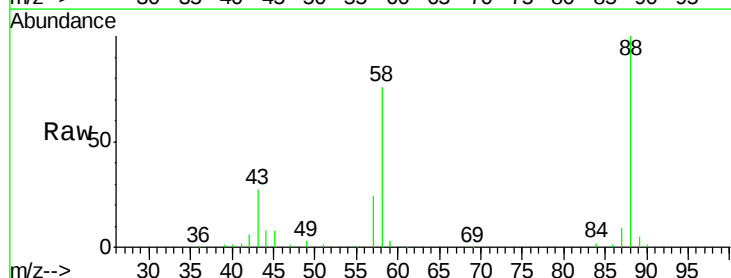
SOHIL
7/1/2016 8:05:13 AM



#2

1,4-Dioxane
Concen: 39.09 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	0.0	0.0
43	26.7	3.4	5.2





#3

Pyridine

Concen: 38.80 ng

RT: 3.08 min Scan# 131

Delta R.T. 0.00 min

Lab File: BF088538.D

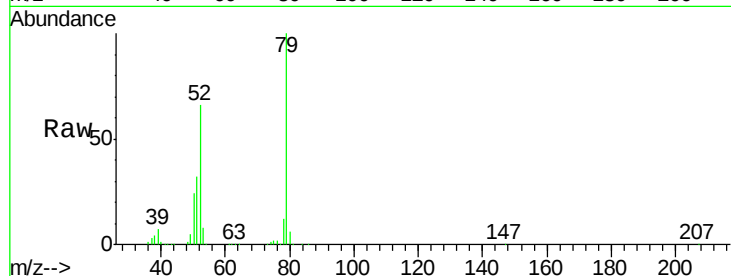
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 79 Resp: 442748

Ion Ratio Lower Upper

79 100

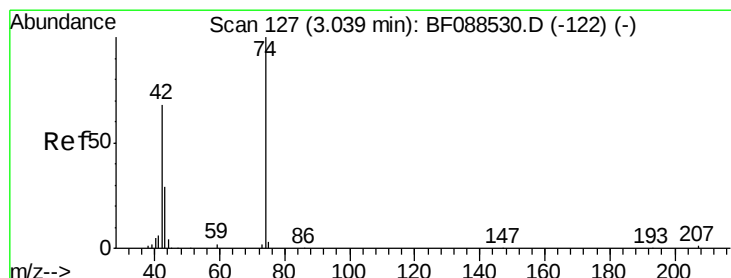
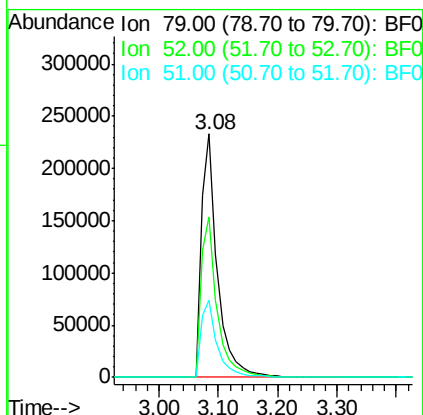
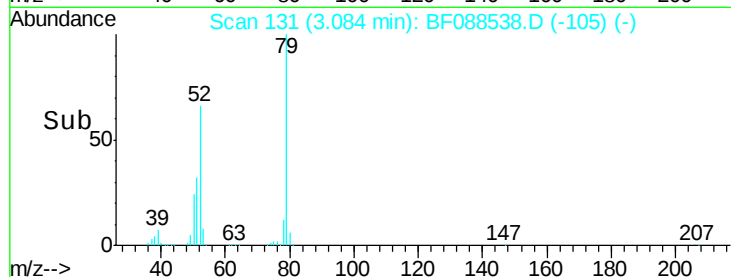
52 66.1 56.3 84.5

51 31.7 27.4 41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.78 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

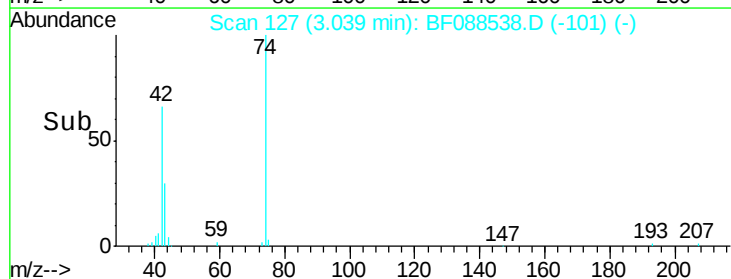
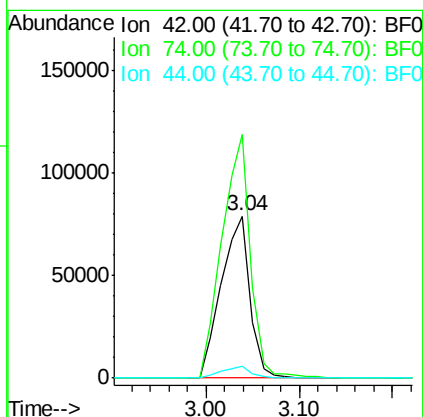
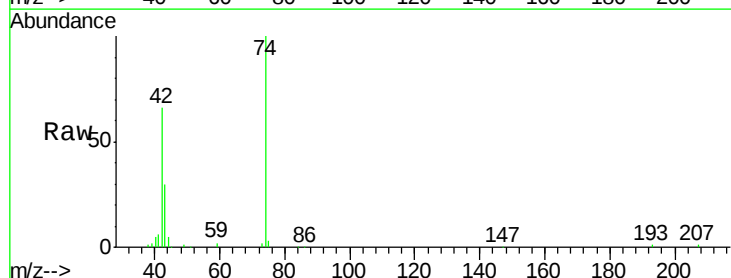
Tgt Ion: 42 Resp: 169018

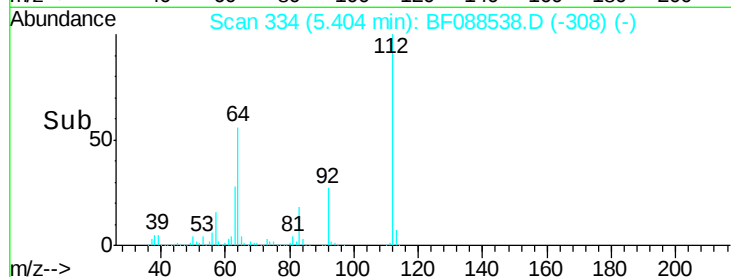
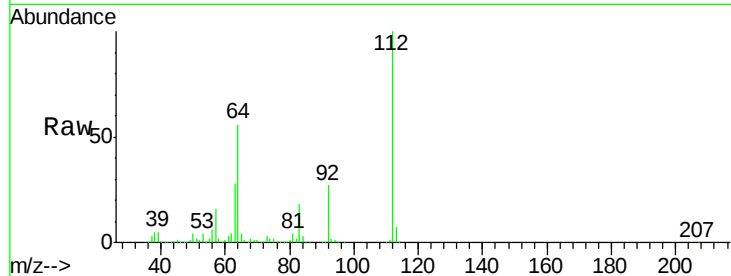
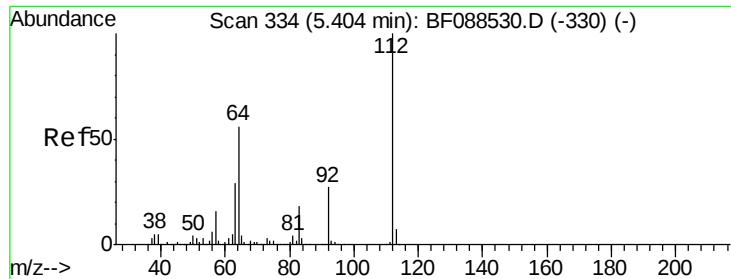
Ion Ratio Lower Upper

42 100

74 150.5 108.6 163.0

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 82.90 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	112	Resp:	657459
Ion Ratio	Lower	Upper	
112	100		
64	55.8	42.2	63.2
63	28.4	21.8	32.8

Instrument :

BNA_F

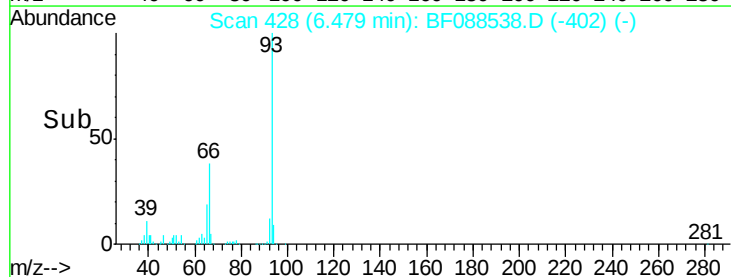
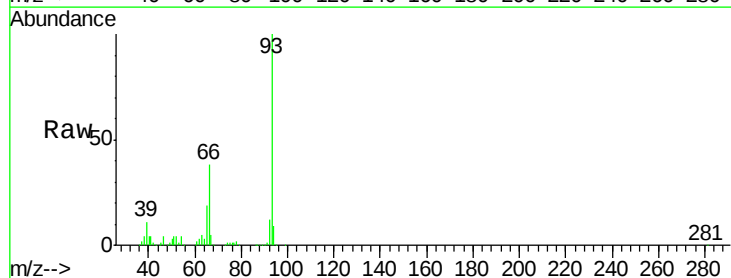
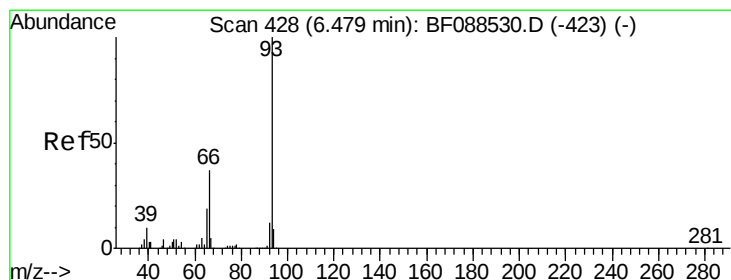
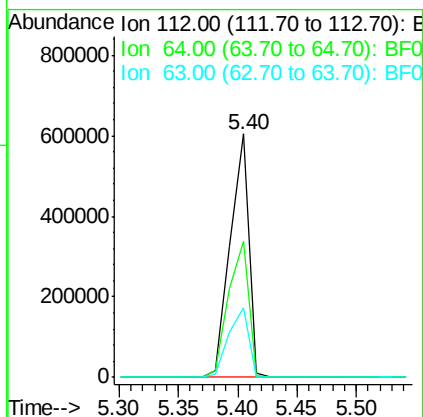
ClientSampleId :

SSTDCCC040EC

Manual Integrations

SOHIL

7/1/2016 8:05:13 AM



#6

Aniline

Concen: 40.38 ng

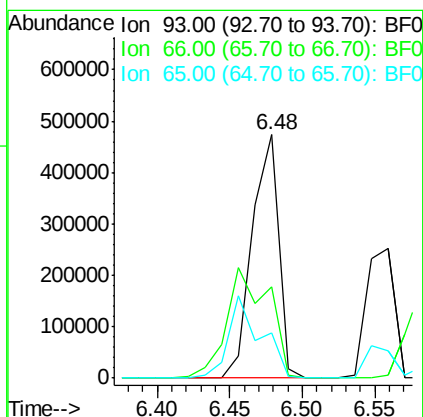
RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	93	Resp:	603102
Ion Ratio	Lower	Upper	
93	100		
66	37.6	29.8	44.8
65	18.6	14.9	22.3





#7

Phenol-d6

Concen: 77.22 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088538.D

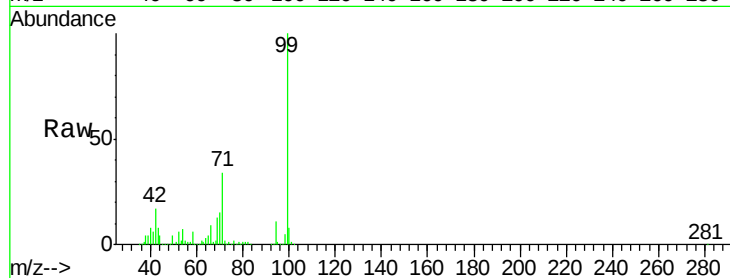
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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

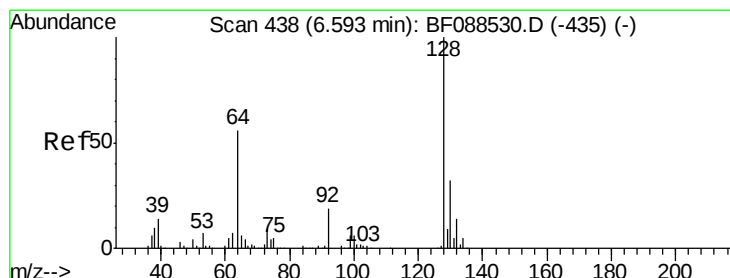
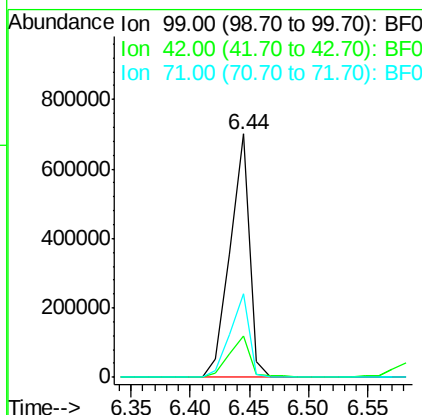
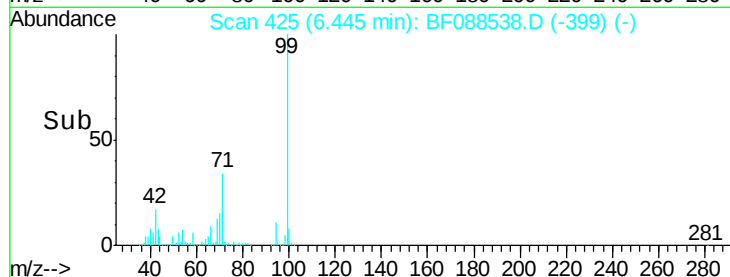


Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.2	18.2
71	34.2	23.4	35.0

Manual Integrations

SOHIL

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#8

2-Chlorophenol

Concen: 38.05 ng

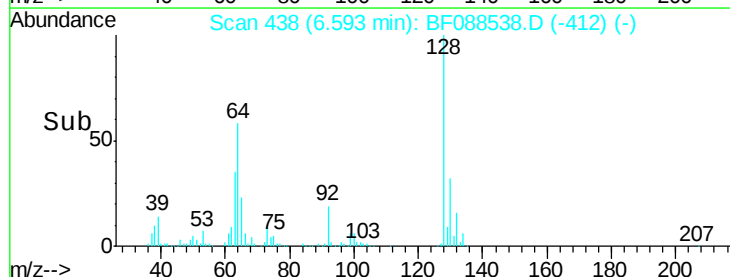
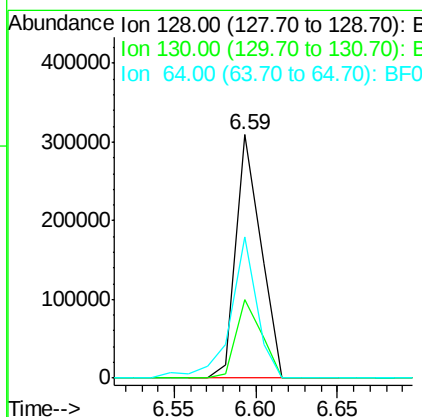
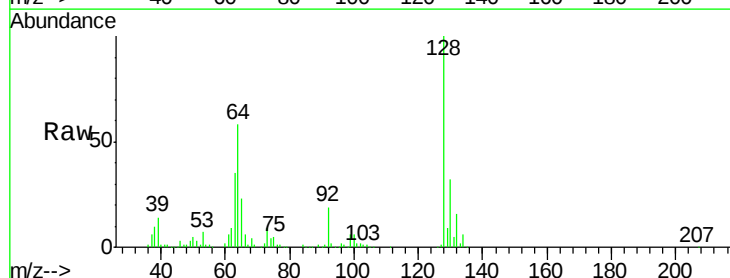
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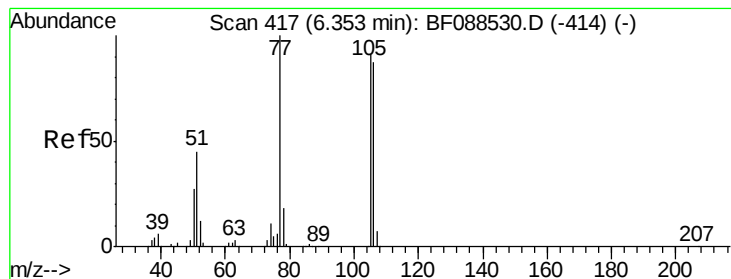
Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.0	52.0
64	58.2	30.8	70.8





#9

Benzaldehyde

Concen: 36.82 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088538.D

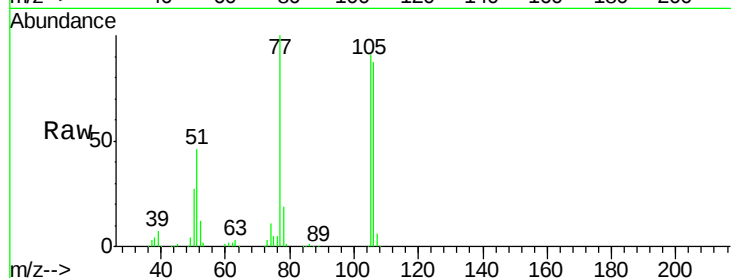
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

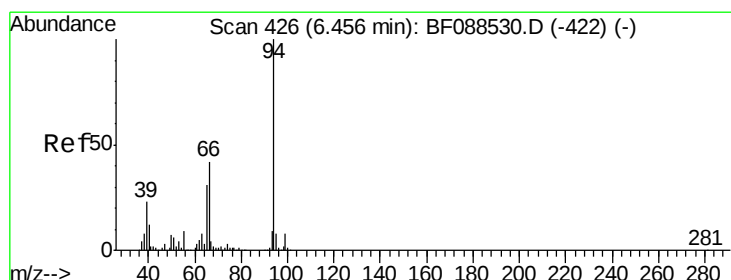
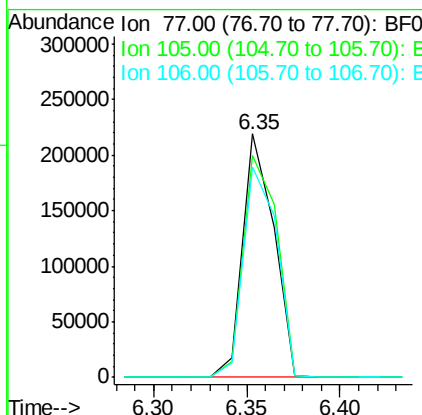
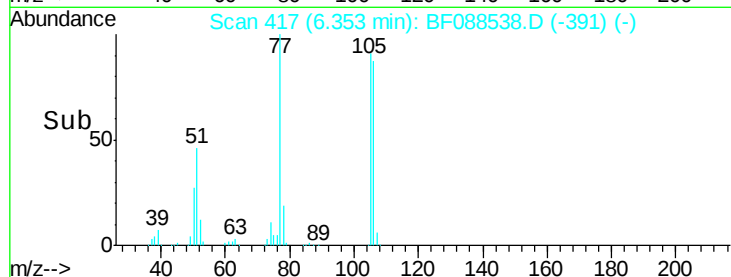


Tgt Ion:	77	Resp:	255597
Ion Ratio	Lower	Upper	
77	100		
105	91.2	90.6	130.6
106	86.6	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 40.52 ng

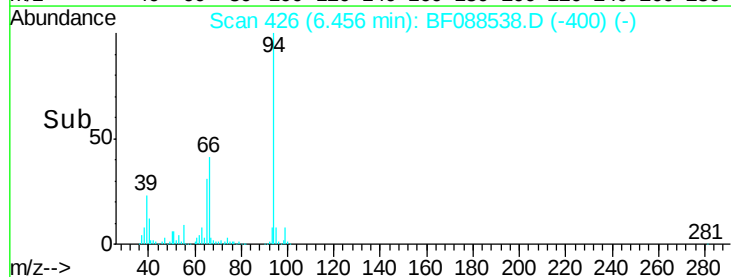
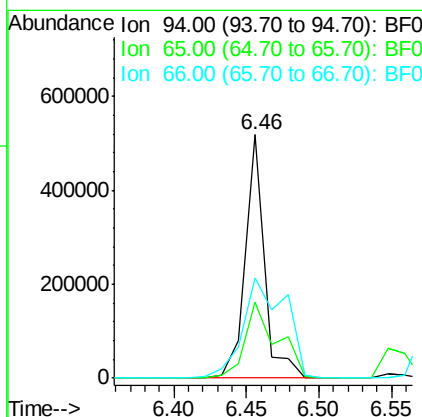
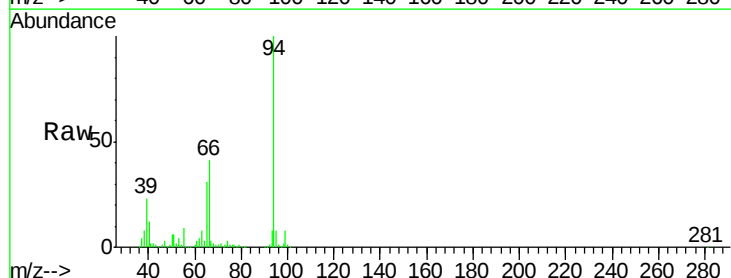
RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	94	Resp:	473848
Ion Ratio	Lower	Upper	
94	100		
65	31.0	5.9	45.9
66	41.3	14.0	54.0





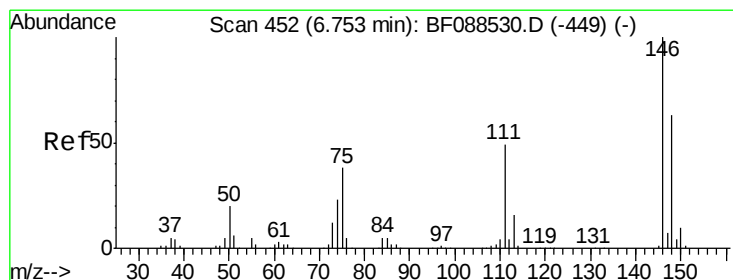
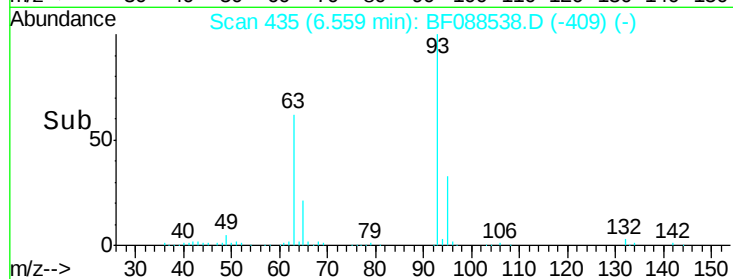
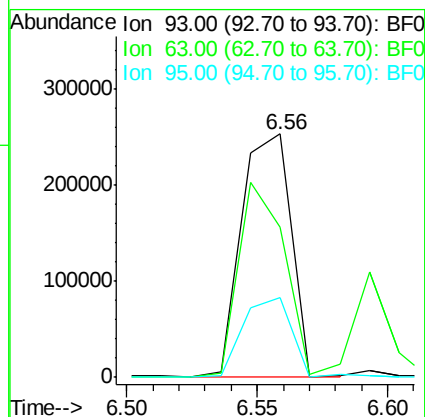
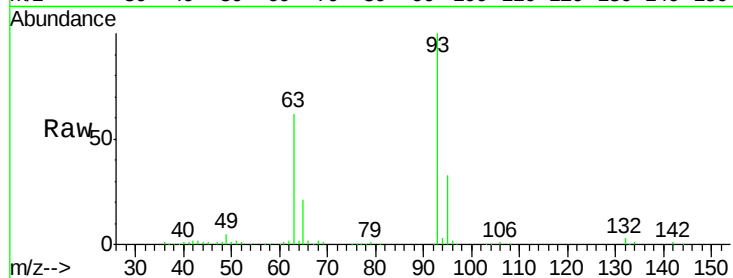
#11
bis(2-Chloroethyl)ether
Concen: 38.54 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	61.7	67.6	107.6#
95	32.5	12.5	52.5

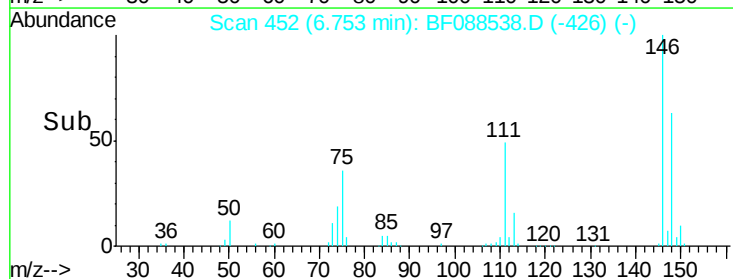
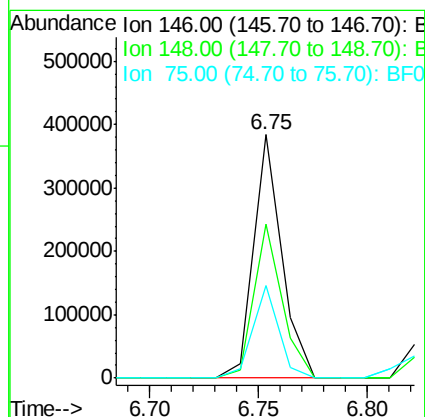
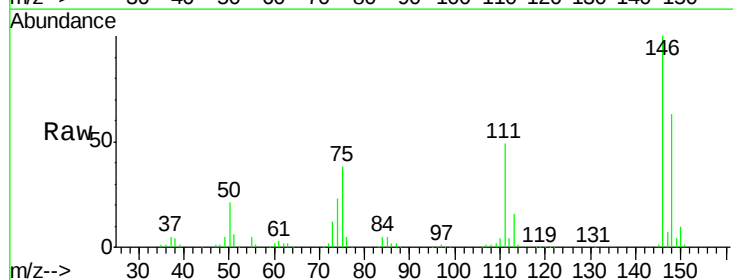
Manual Integrations

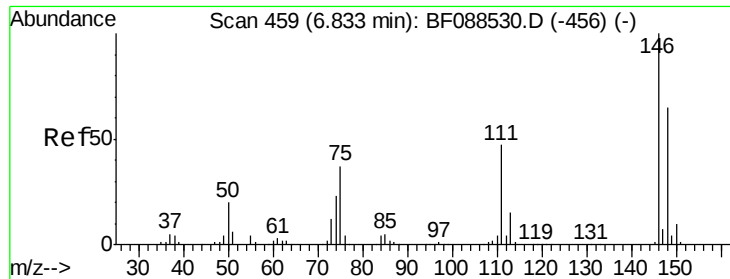
APPROVED
SOHIL
7/1/2016 8:05:13 AM



#12
1,3-Dichlorobenzene
Concen: 36.82 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
75	37.9	25.6	38.4





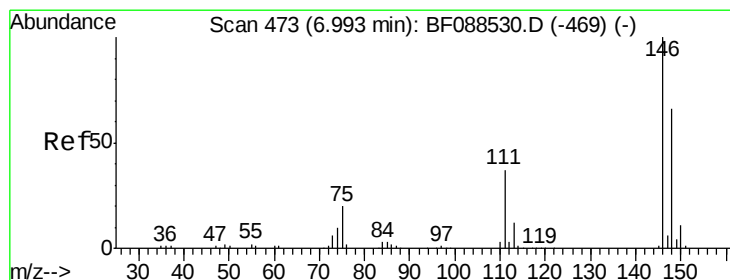
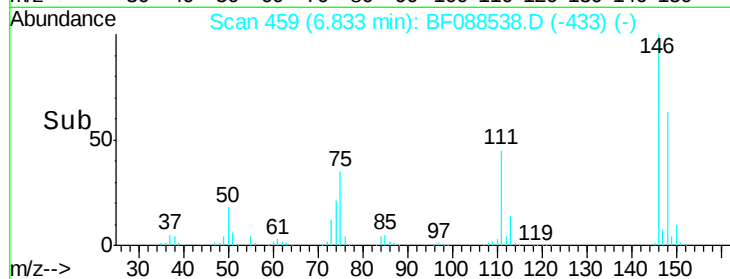
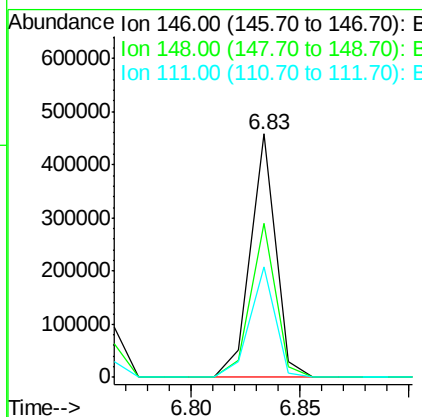
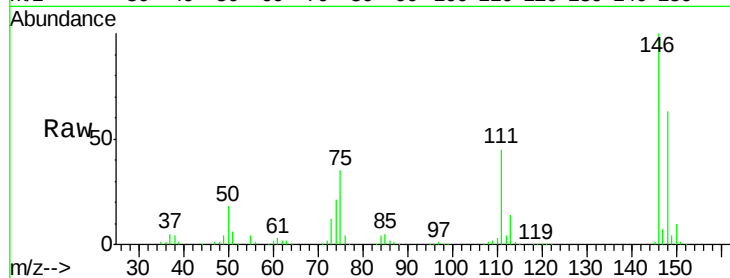
#13
 1,4-Dichlorobenzene
 Concen: 39.75 ng
 RT: 6.83 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.0	78.0
111	45.3	33.8	50.8

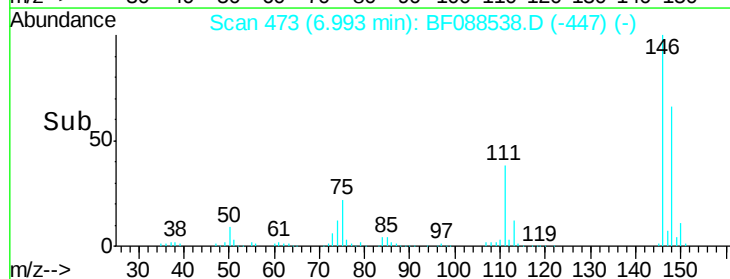
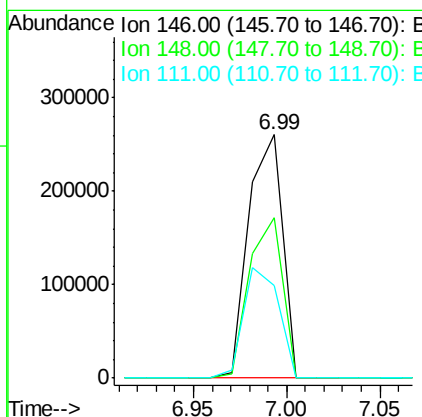
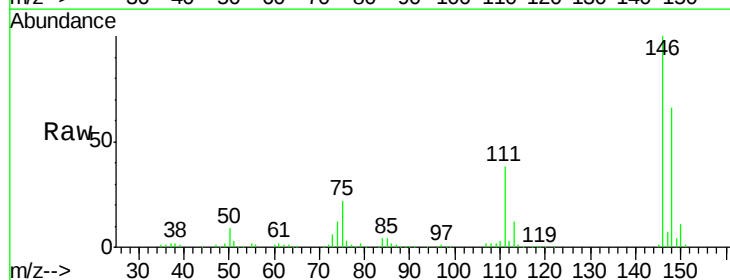
Manual Integrations

SOHIL
 7/1/2016 8:05:13 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.57 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.3	78.5
111	38.0	28.7	43.1





#15

Benzyl Alcohol

Concen: 40.87 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 308275

Ion Ratio Lower Upper

79 100

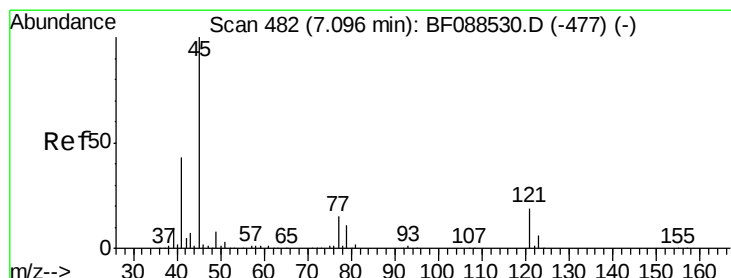
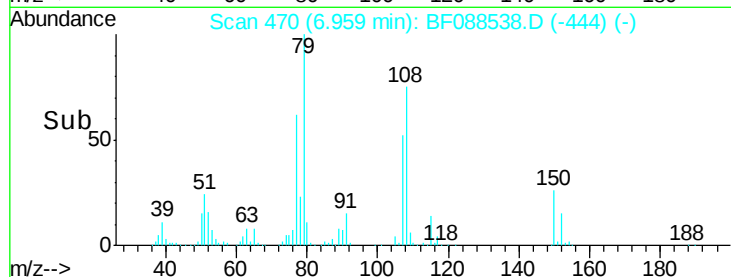
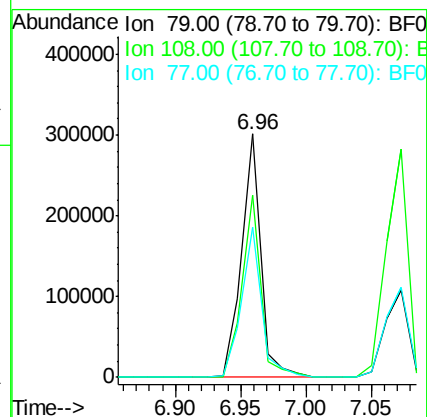
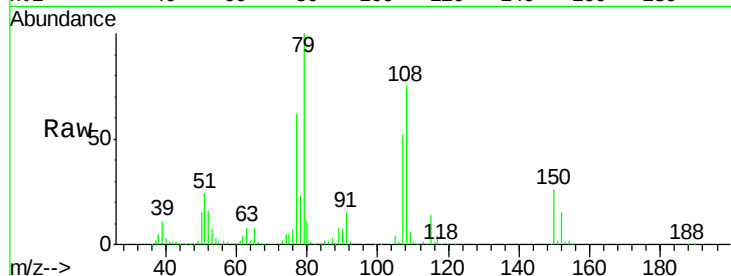
108 74.6 65.0 97.6

77 61.6 50.3 75.5

Manual Integrations

SOHIL

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.13 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

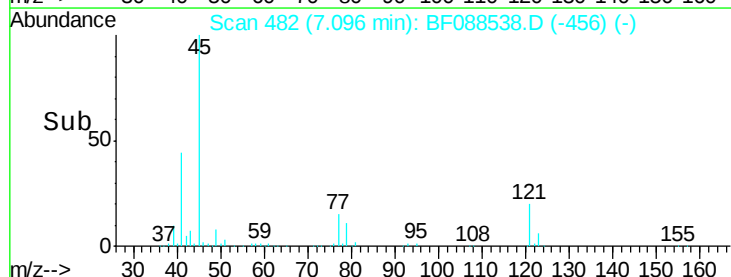
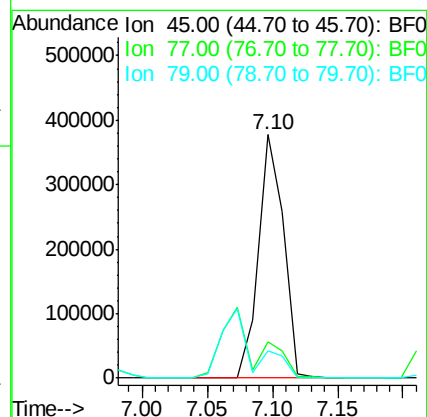
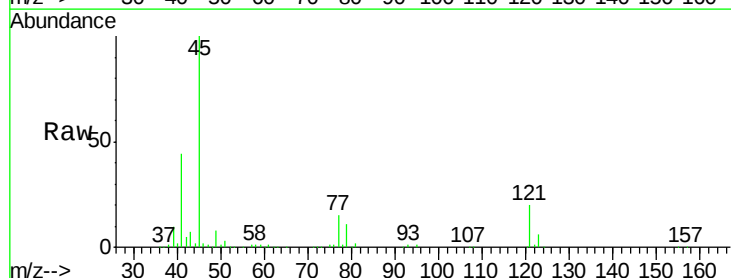
Tgt Ion: 45 Resp: 506803

Ion Ratio Lower Upper

45 100

77 15.2 0.0 32.5

79 11.3 0.0 29.5





#17
2-Methylphenol
Concen: 40.65 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

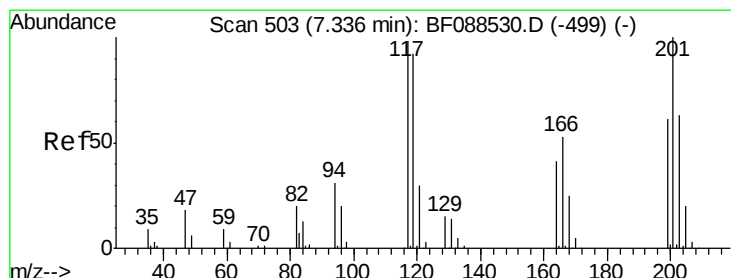
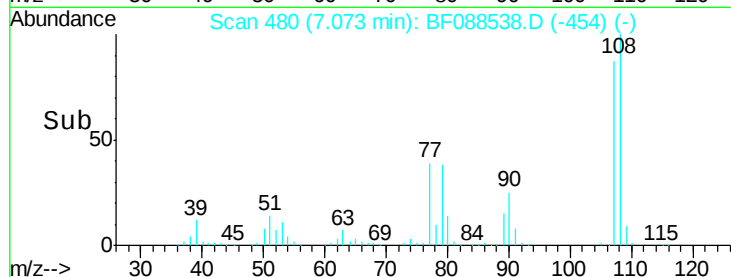
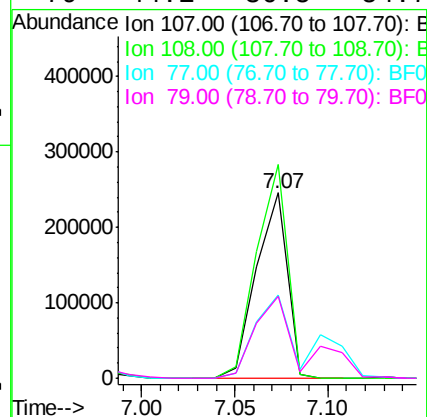
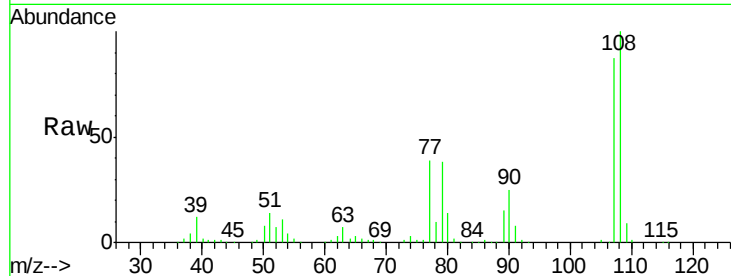
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 282679

Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.9	136.3
77	45.1	36.6	55.0
79	44.1	36.5	54.7

Manual Integrations

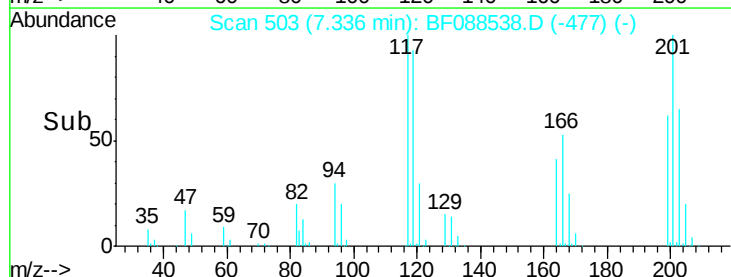
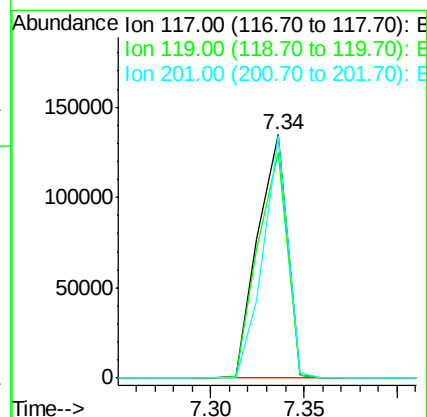
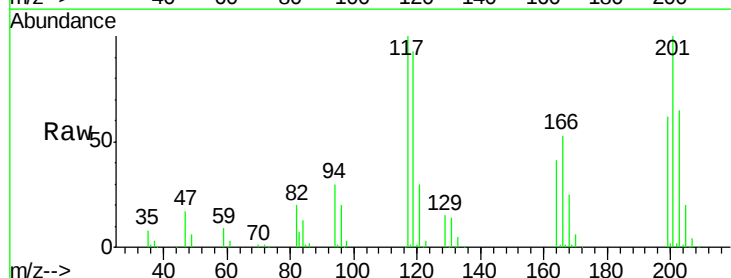
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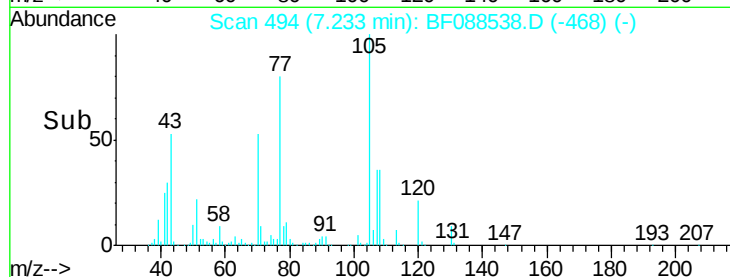
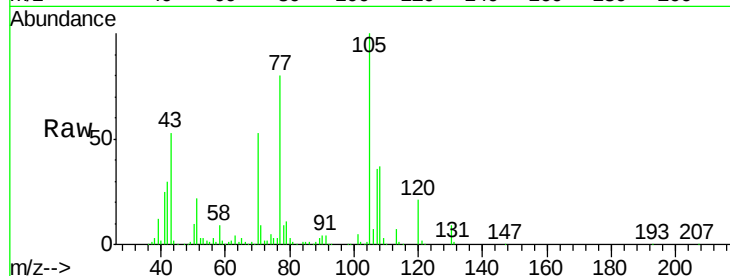
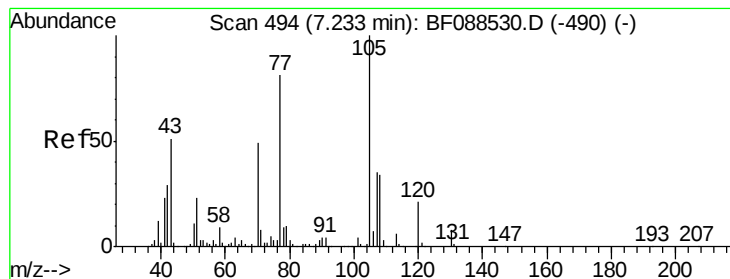


#18
Hexachloroethane
Concen: 40.69 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:117 Resp: 146531

Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.4	116.2
201	99.6	80.4	120.6





#19

n-Nitroso-di-n-propylamine

Concen: 35.51 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 244437

Ion Ratio Lower Upper

70 100

42 57.1 49.6 74.4

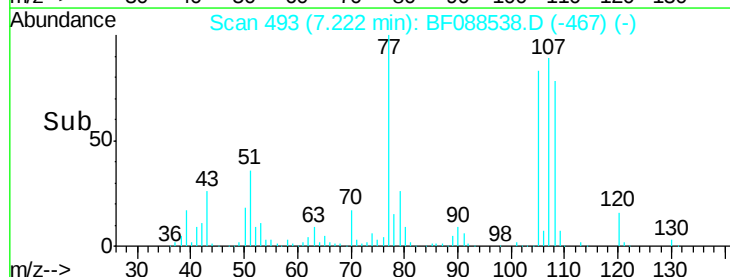
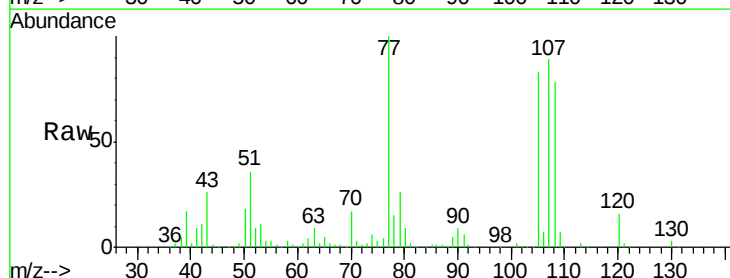
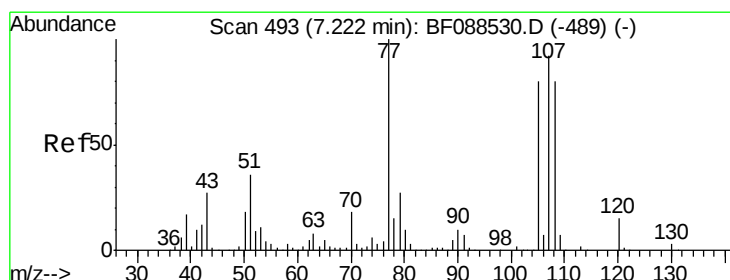
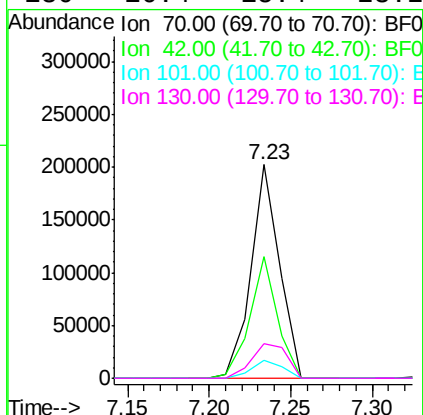
101 8.7 7.1 10.7

130 16.4 15.4 23.2

Manual Integrations

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#20

3+4-Methylphenols

Concen: 37.34 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion: 107 Resp: 311635

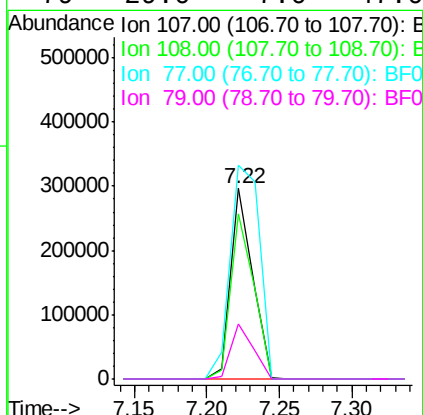
Ion Ratio Lower Upper

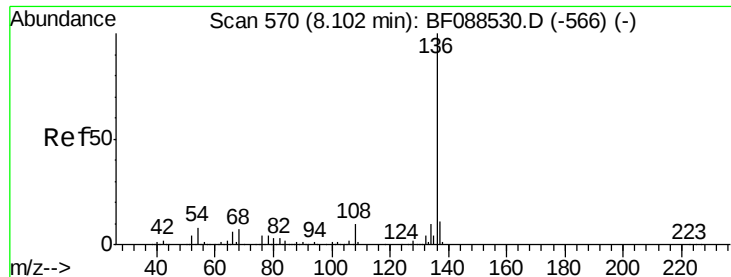
107 100

108 87.1 67.8 107.8

77 112.2 59.3 99.3#

79 29.0 7.0 47.0





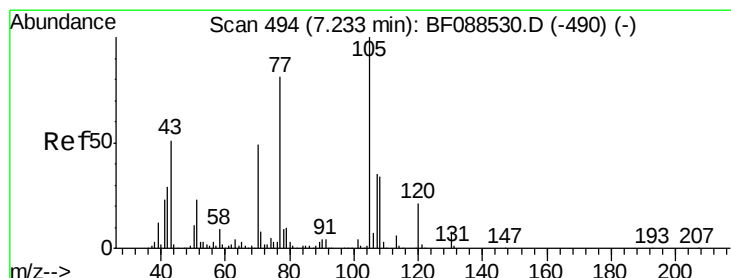
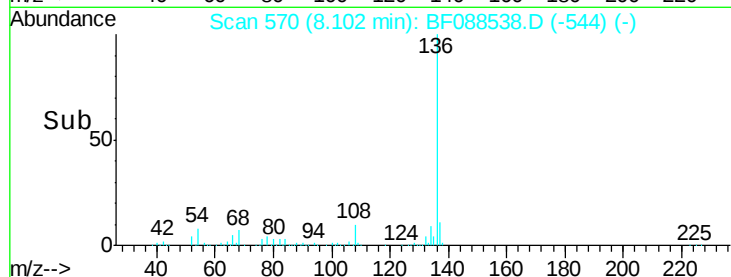
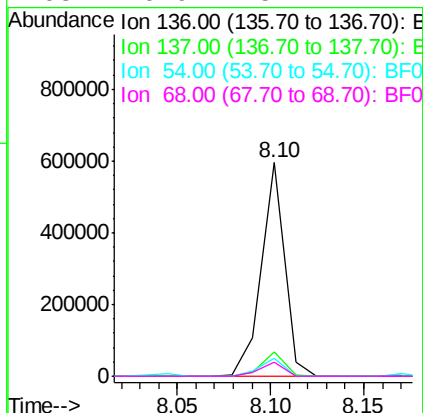
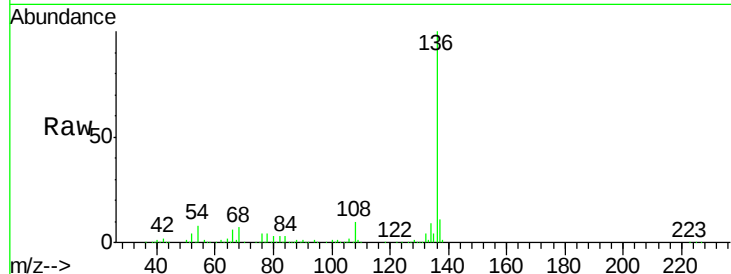
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	510393		
137	11.1	9.1	13.7	
54	8.2	6.6	10.0	
68	6.9	5.1	7.7	

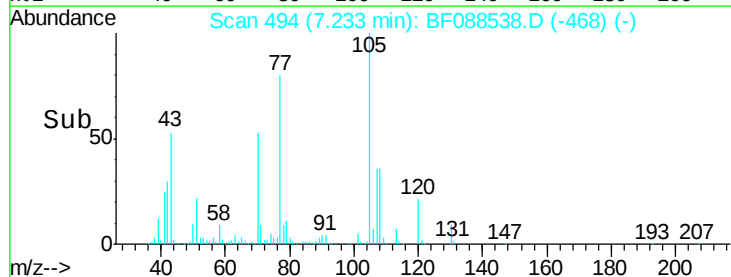
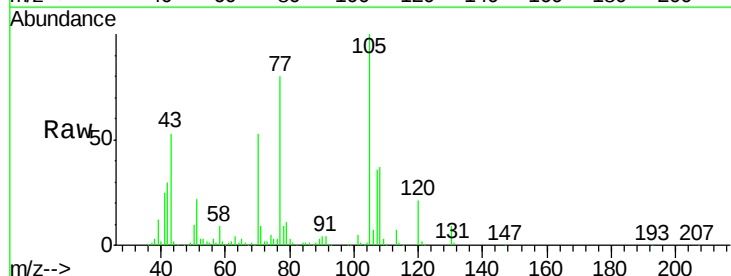
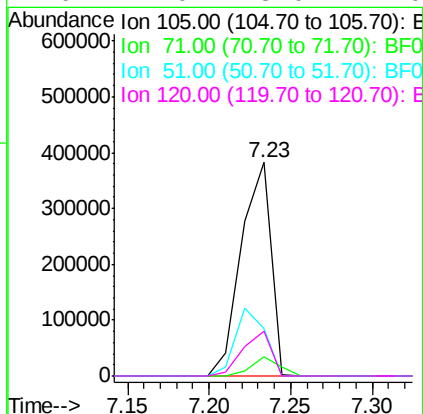
Manual Integrations

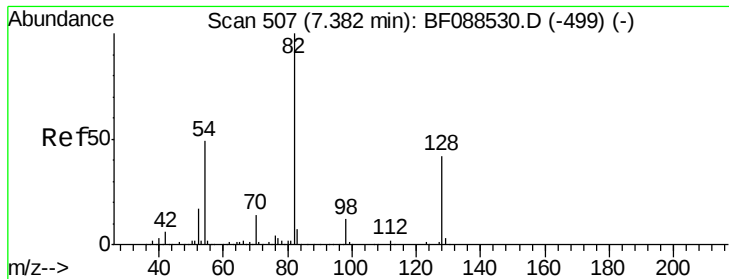
SOHIL
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#22
Acetophenone
Concen: 38.86 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	481442		
71	8.8	5.3	7.9#	
51	22.3	18.2	27.4	
120	21.0	18.0	27.0	





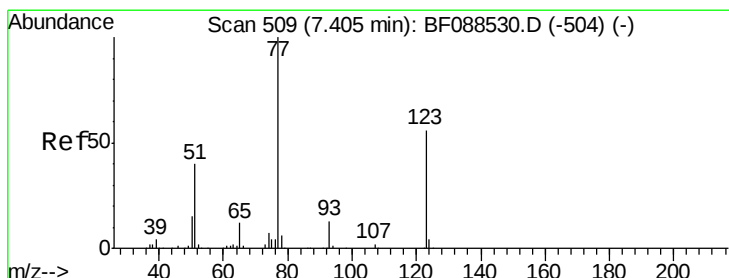
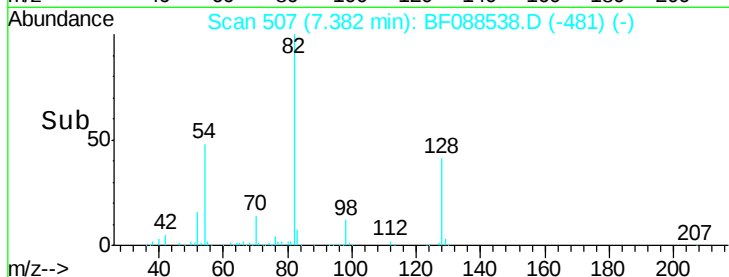
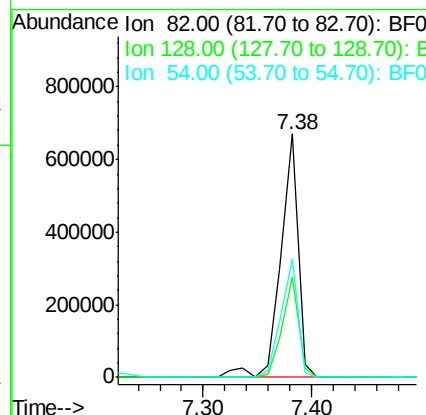
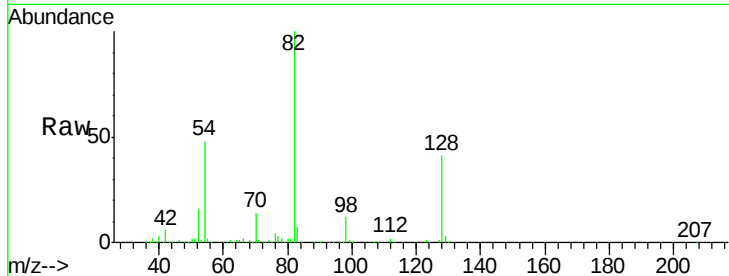
#23
Nitrobenzene-d5
Concen: 76.30 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.9	53.9
54	48.4	40.9	61.3

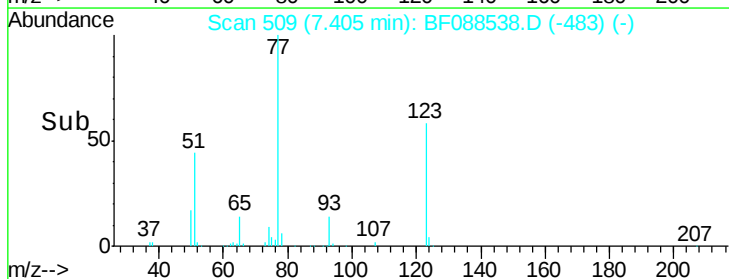
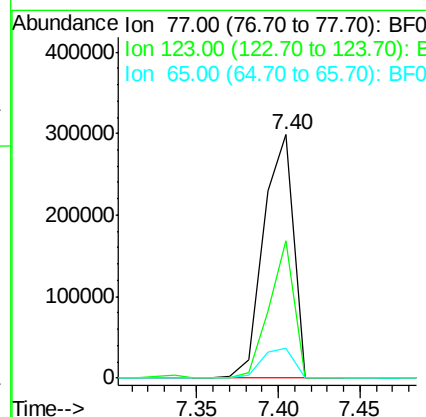
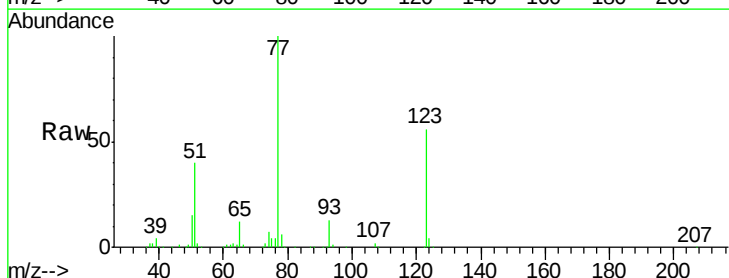
Manual Integrations

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7/1/2016 8:05:13 AM



#24
Nitrobenzene
Concen: 38.61 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.3	45.0	67.4
65	12.2	10.2	15.2





#25

Isophorone

Concen: 37.54 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

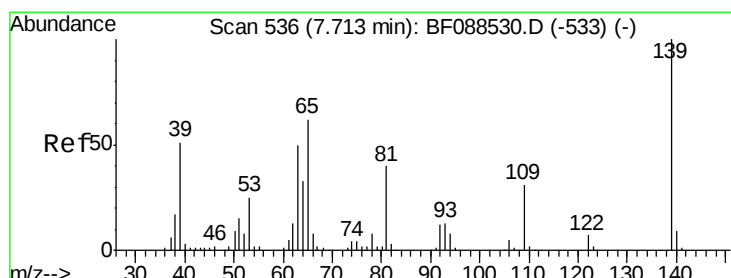
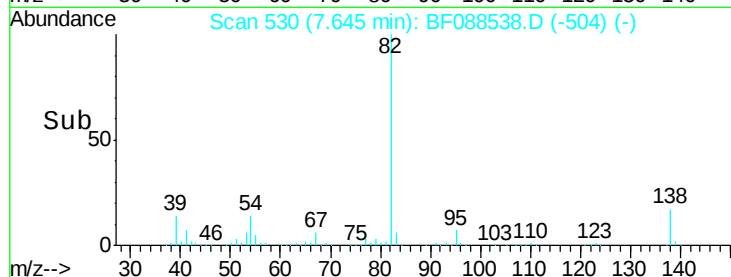
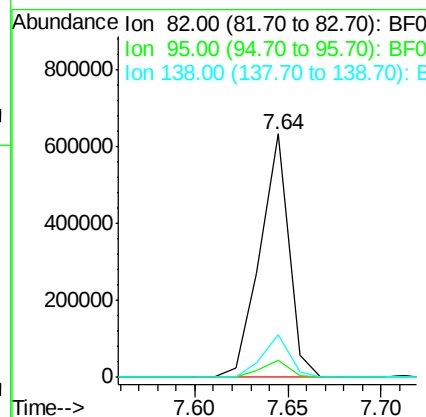
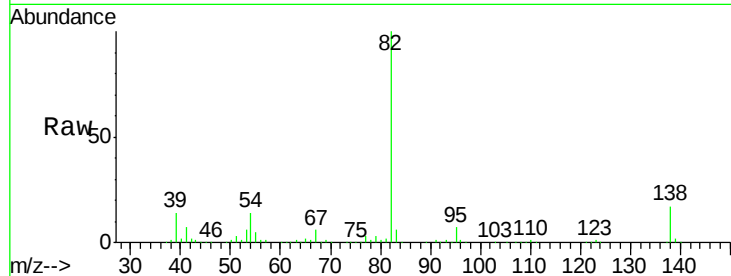
SSTDCCC040EC

Tgt Ion:	82	Resp:	677311
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.3	14.6	21.8

Manual Integrations

SOHIL

7/1/2016 8:05:13 AM



#26

2-Nitrophenol

Concen: 37.17 ng

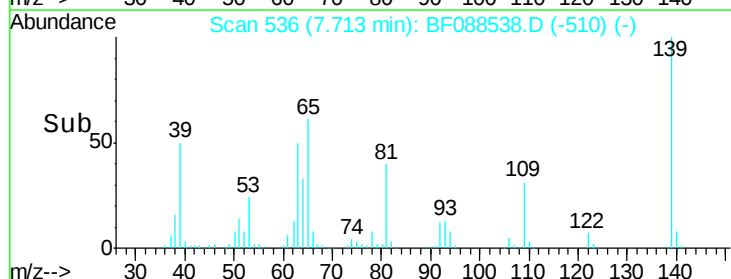
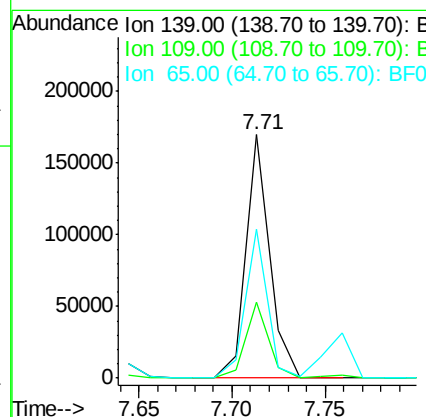
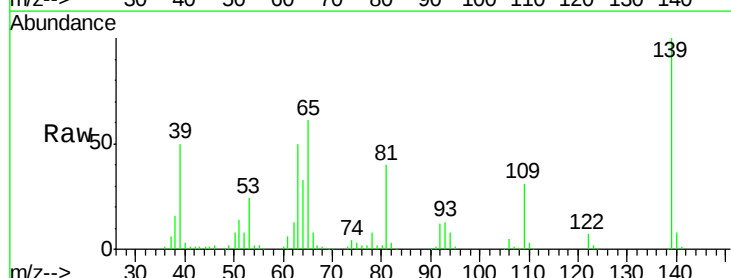
RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	139	Resp:	149696
Ion Ratio	Lower	Upper	
139	100		
109	31.2	23.0	34.4
65	60.9	45.8	68.8





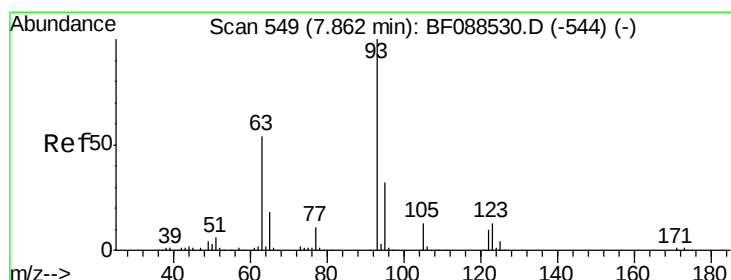
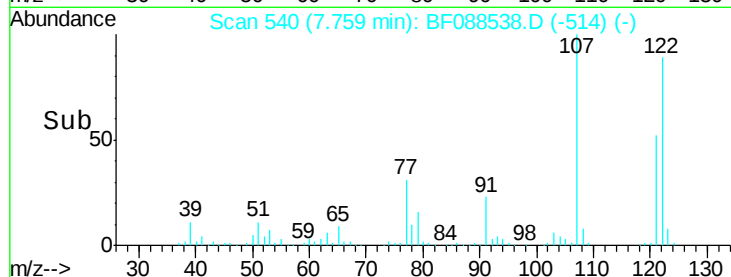
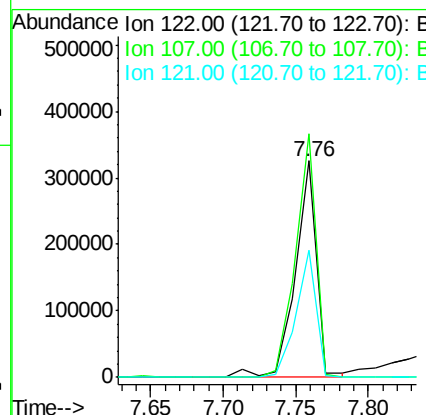
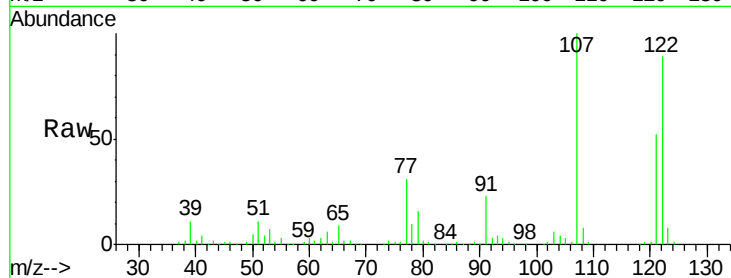
#27
2,4-Dimethylphenol
Concen: 39.41 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	82.4	123.6
121	58.6	46.3	69.5

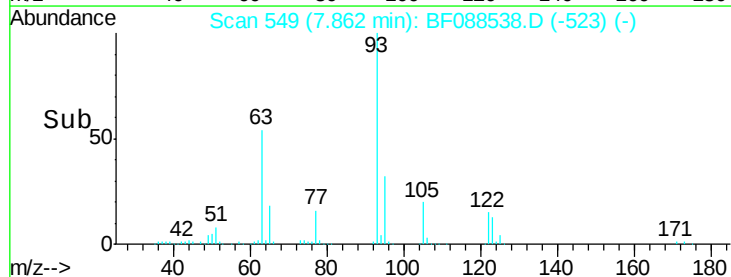
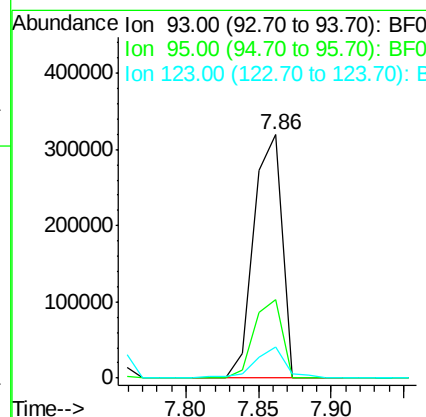
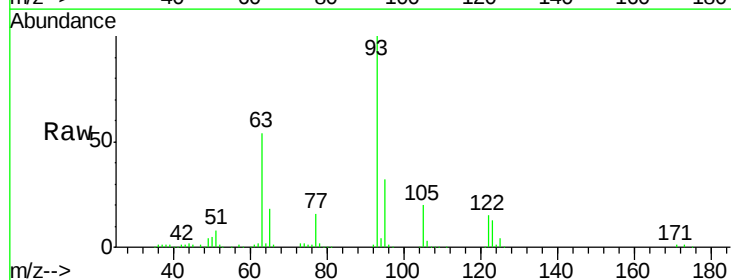
Manual Integrations

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#28
bis(2-Chloroethoxy)methane
Concen: 36.52 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	12.8	11.6	17.4





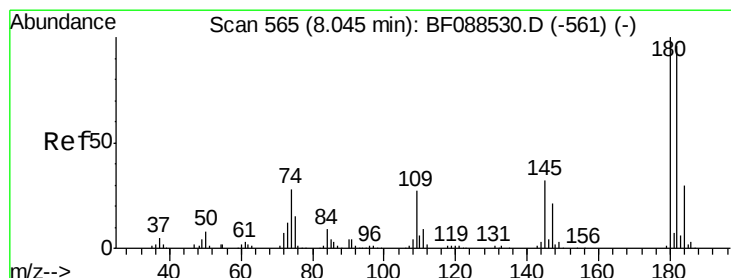
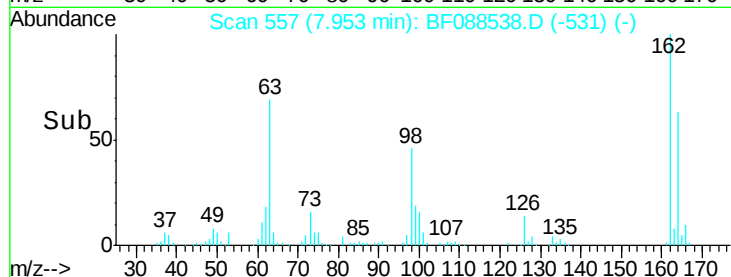
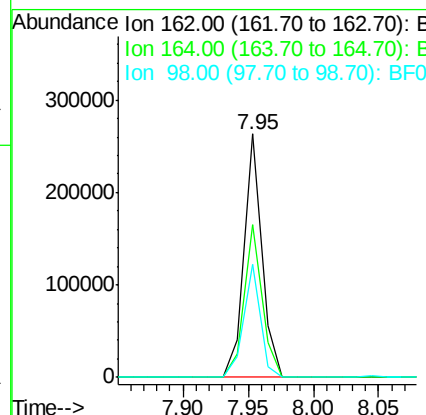
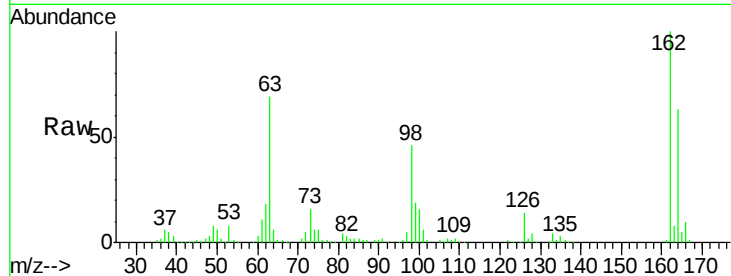
#29
2,4-Dichlorophenol
Concen: 36.73 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	248987		
164	63.0	43.8	83.8	
98	46.4	21.3	61.3	

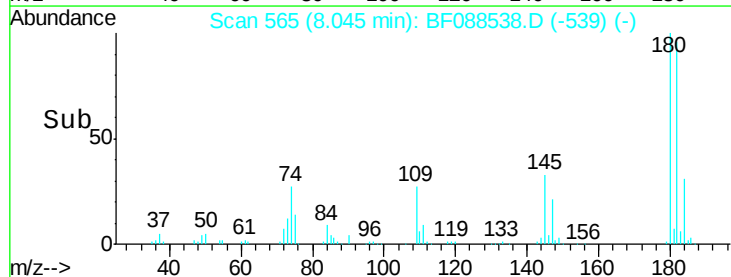
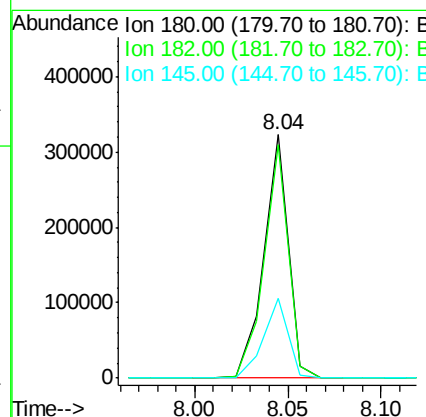
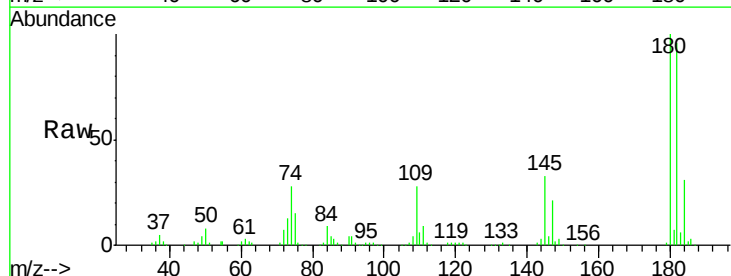
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#30
1,2,4-Trichlorobenzene
Concen: 39.03 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	290351		
182	95.9	76.0	114.0	
145	33.0	26.5	39.7	





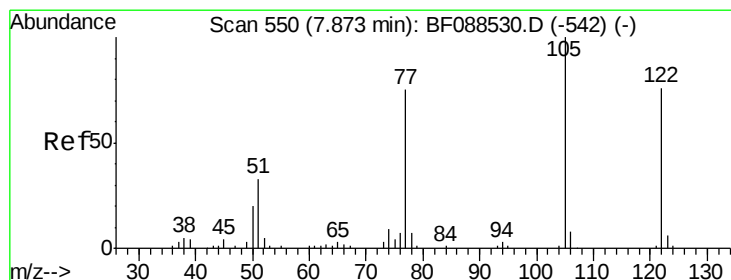
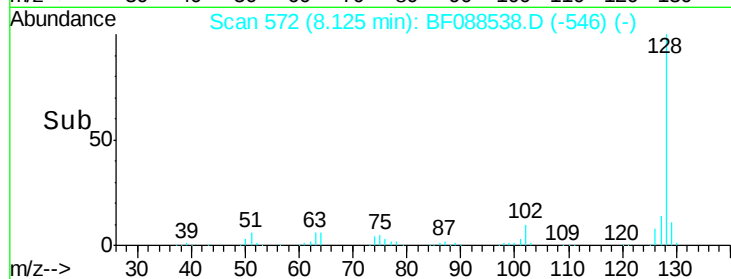
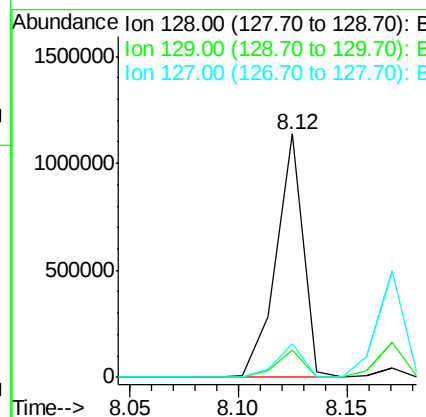
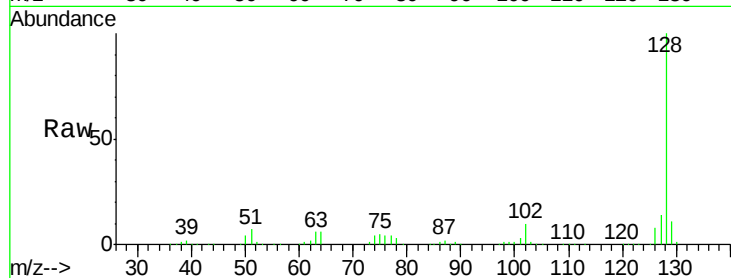
#31
Naphthalene
Concen: 39.68 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	998481		
129	11.4		9.4	14.2
127	13.7		10.9	16.3

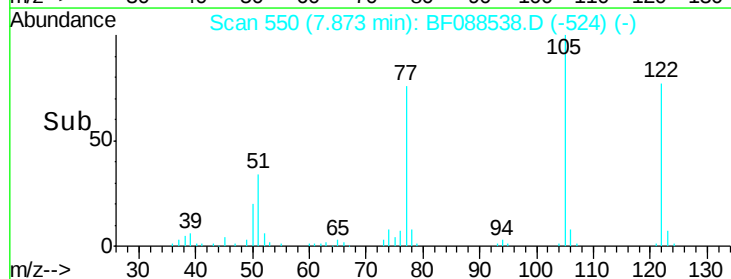
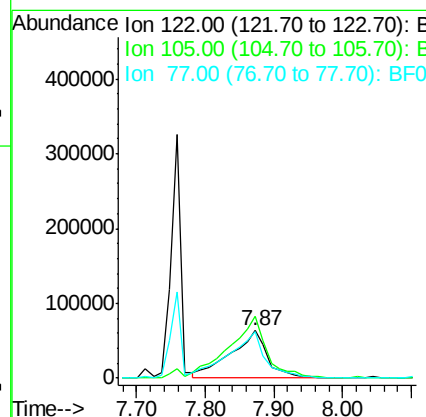
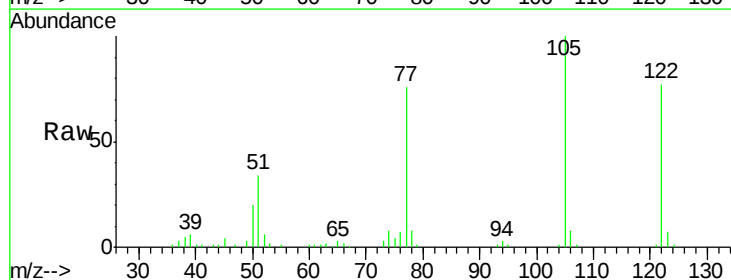
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#32
Benzoic acid
Concen: 38.92 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	236994		
105	129.5		101.6	141.6
77	98.7		70.6	110.6





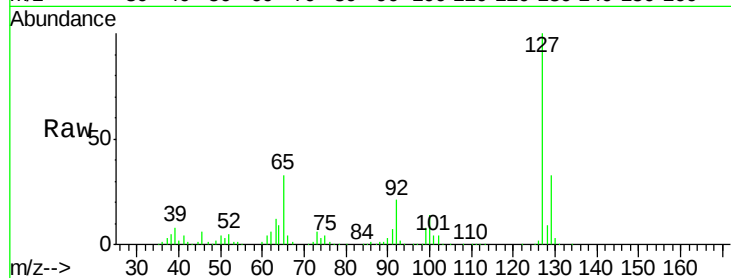
#33
4-Chloroaniline
Concen: 38.22 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

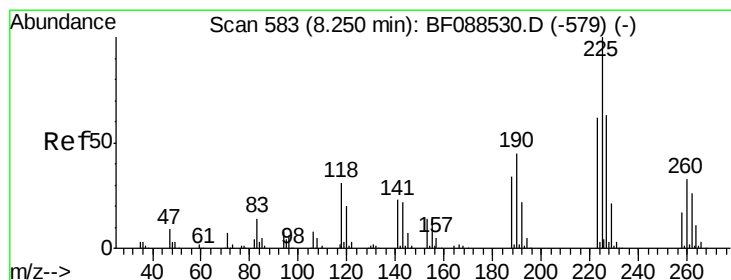
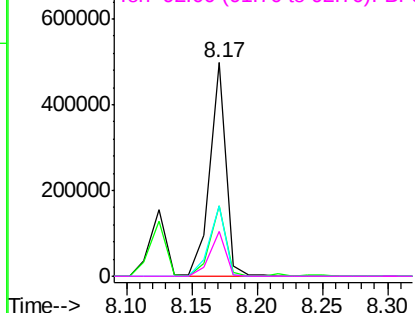
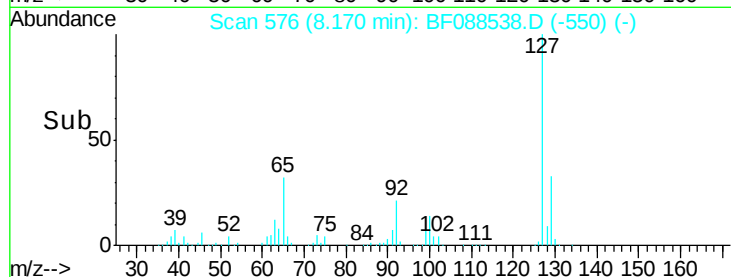
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	32.8	24.7	37.1
92	21.1	15.4	23.0

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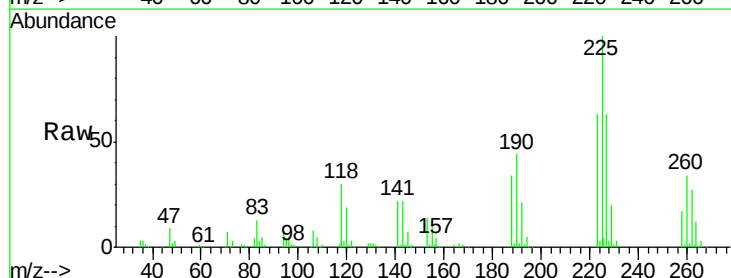


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

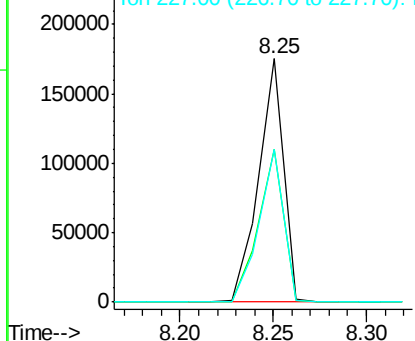
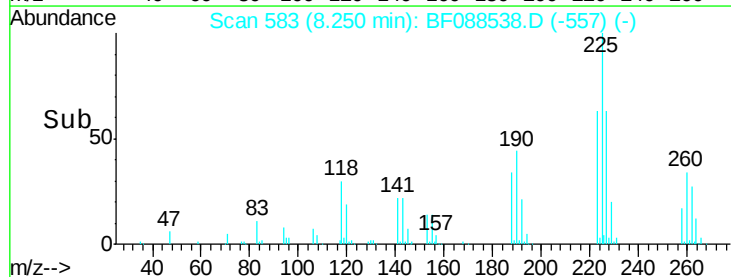


#34
Hexachlorobutadiene
Concen: 40.50 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	63.0	51.9	77.9



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





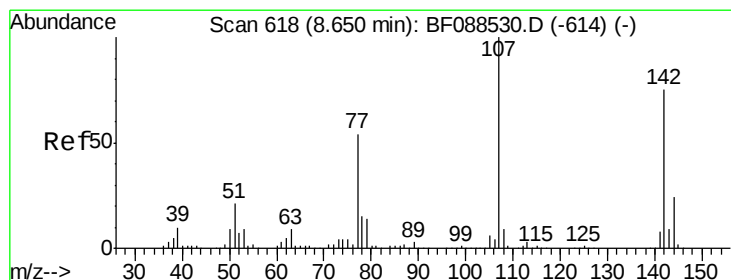
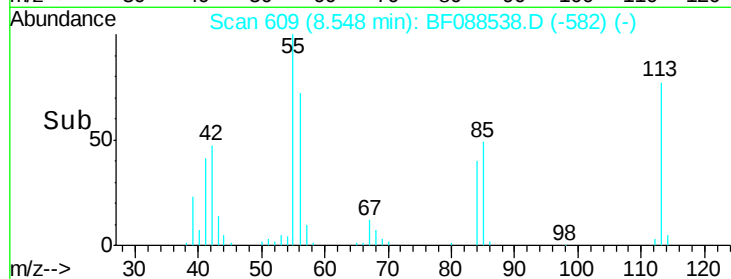
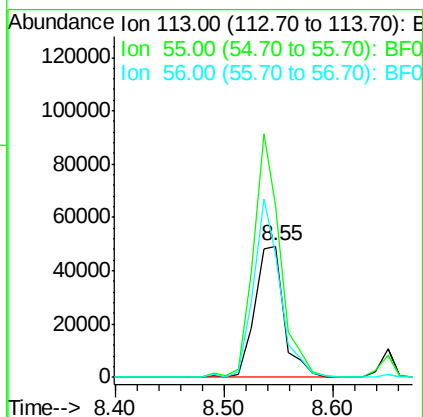
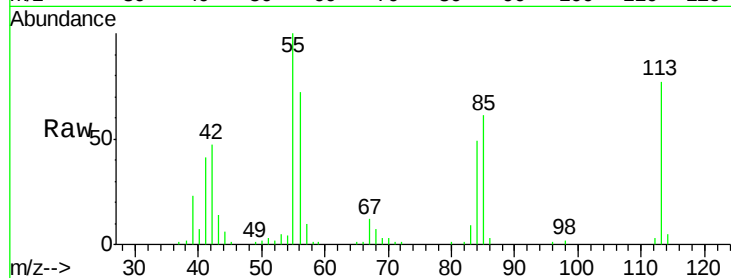
#35
 Caprolactam
 Concen: 40.49 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 93219
 Ion Ratio Lower Upper
 113 100
 55 130.5 158.6 198.6#
 56 93.9 110.6 150.6#

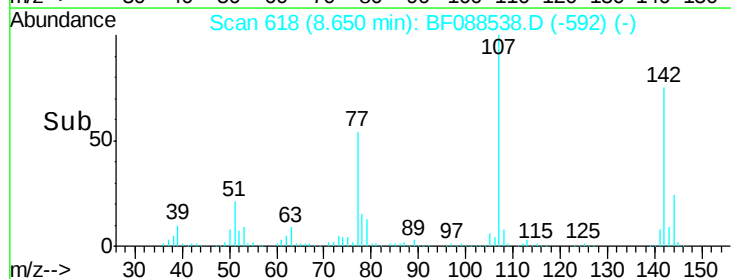
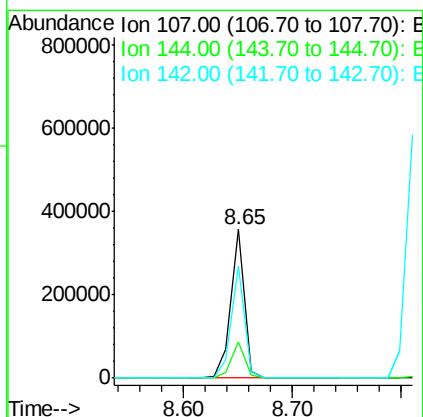
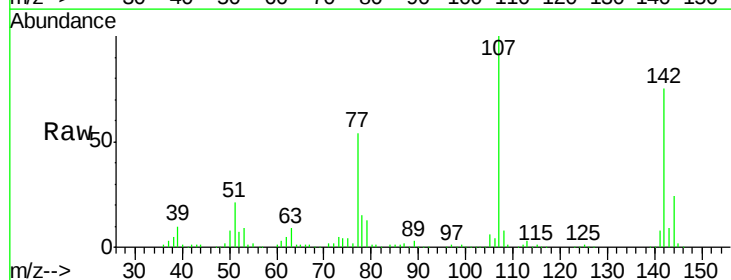
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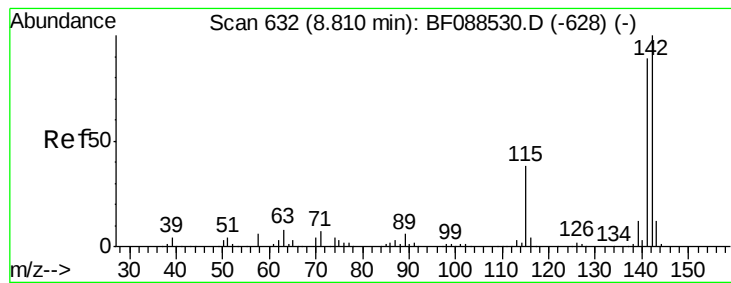
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#36
 4-Chloro-3-methylphenol
 Concen: 38.32 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:107 Resp: 307169
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 75.4 63.4 95.2





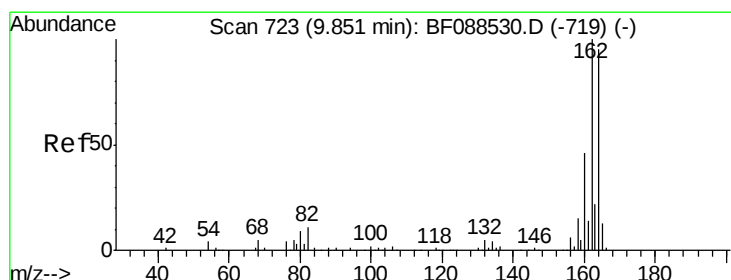
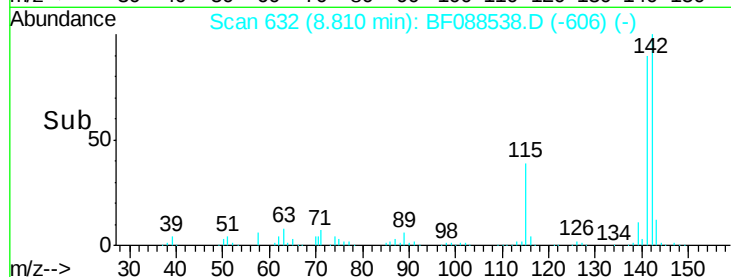
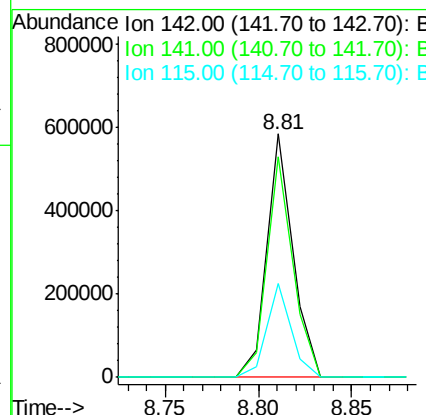
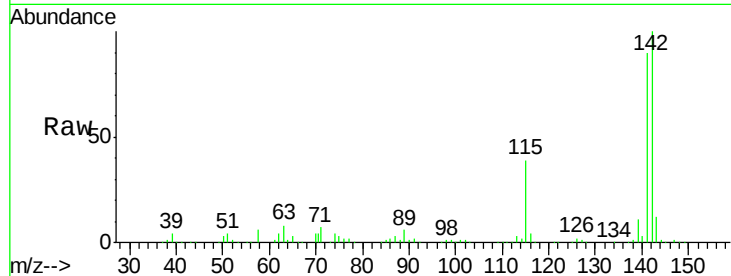
#37
2-Methylnaphthalene
Concen: 34.79 ng
RT: 8.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	38.7	22.6	33.8

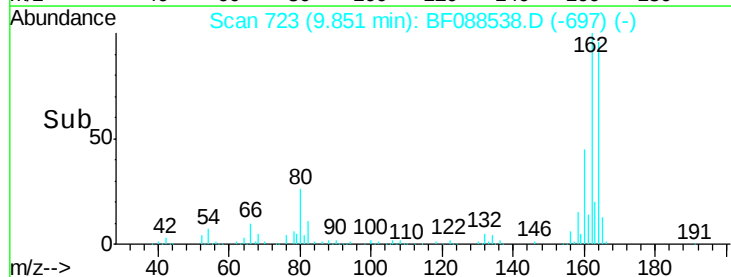
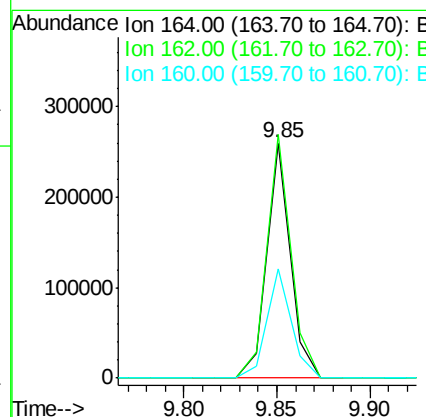
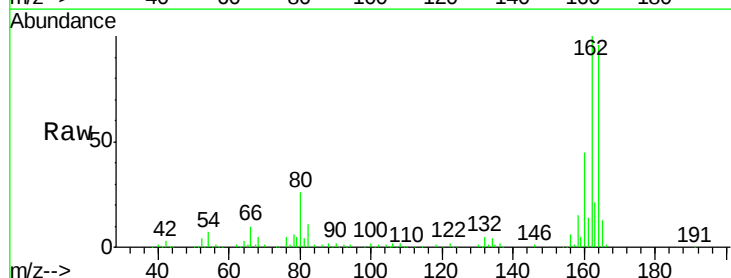
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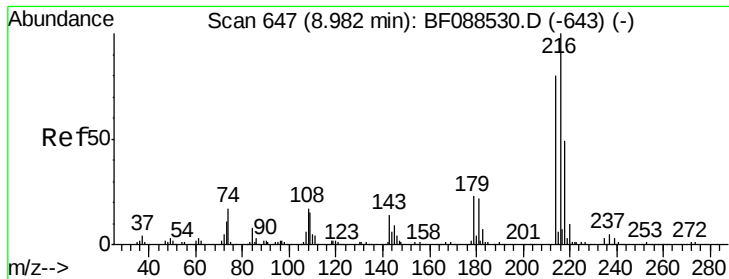
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.5	39.5	59.3





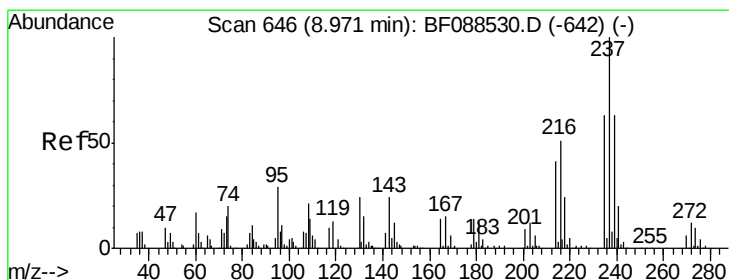
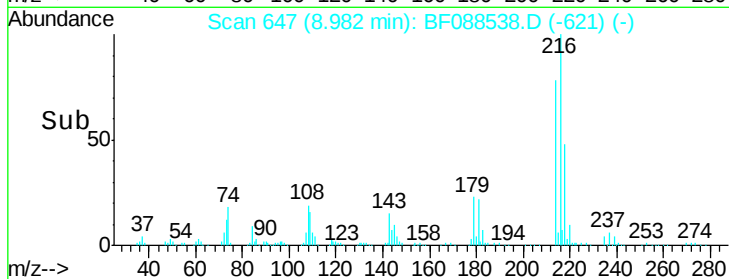
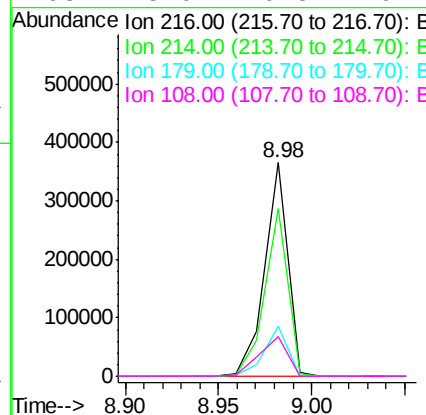
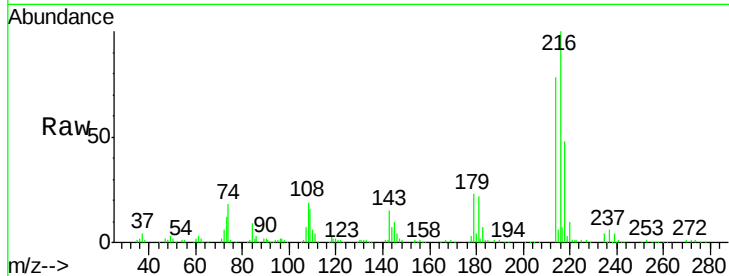
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.56 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	2.9	4.3#
179	23.5	0.0	0.0#
108	23.0	0.5	0.7#

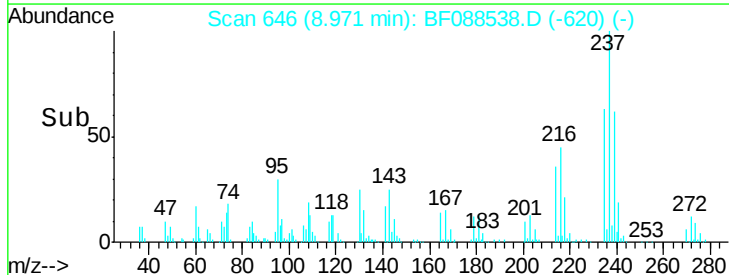
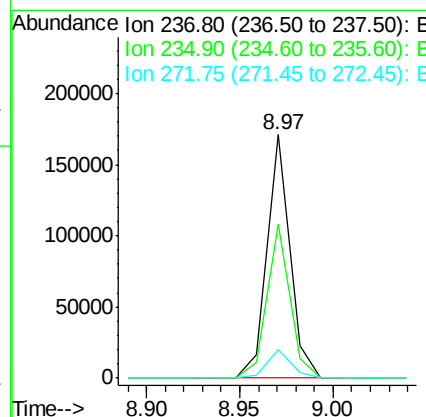
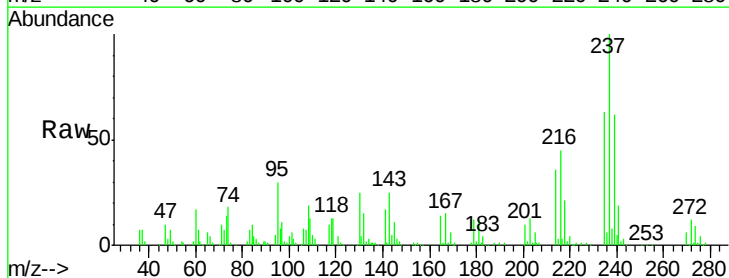
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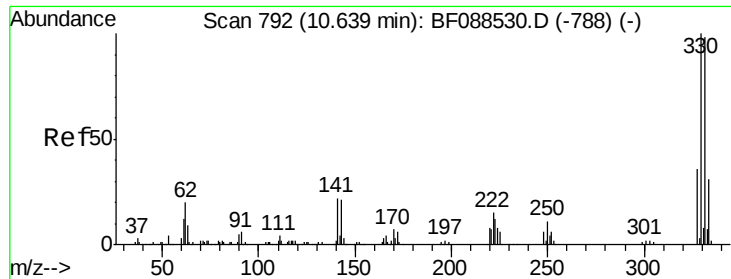
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#40
 Hexachlorocyclopentadiene
 Concen: 39.24 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.4	83.4
272	11.7	0.0	32.3





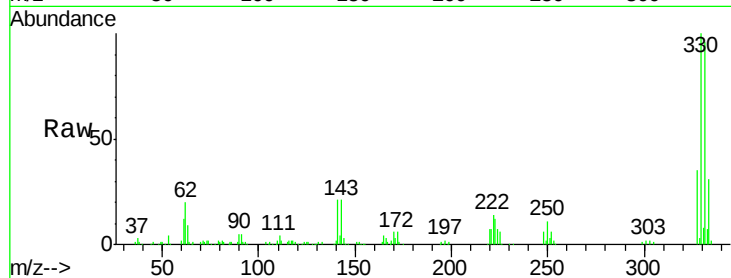
#41
 2,4,6-Tribromophenol
 Concen: 84.05 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

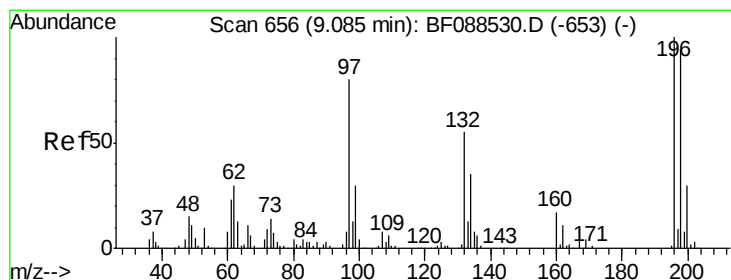
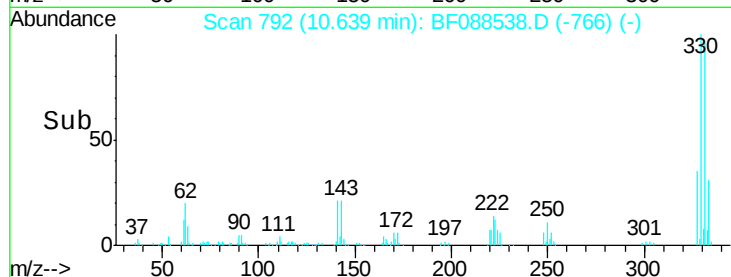
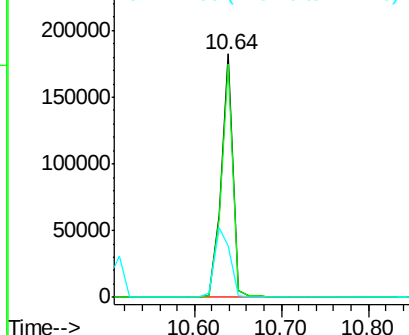
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	175973		
332	95.5	0.0	0.0	0.0
141	37.5	0.0	0.0	0.0

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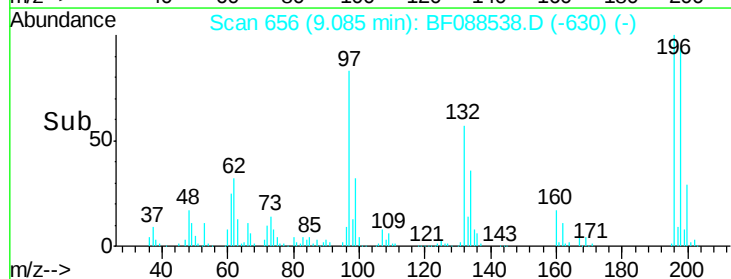
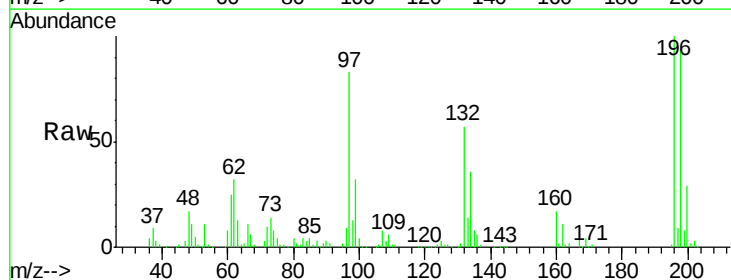
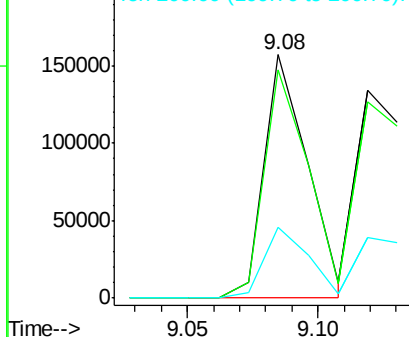
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.50 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180460		
198	93.5	78.0	117.0	
200	29.0	25.4	38.2	

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





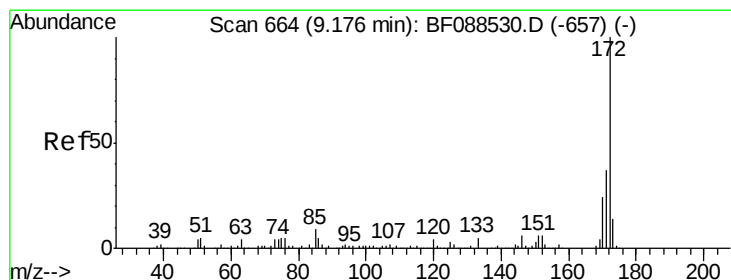
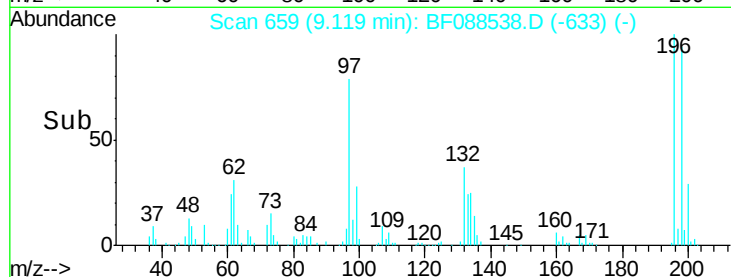
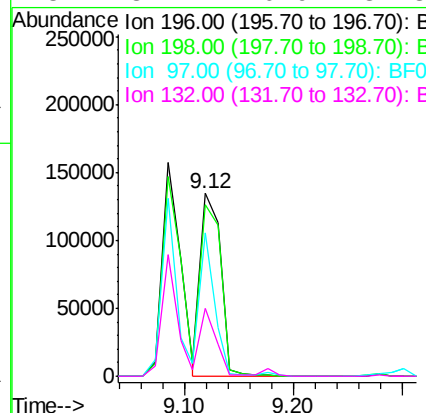
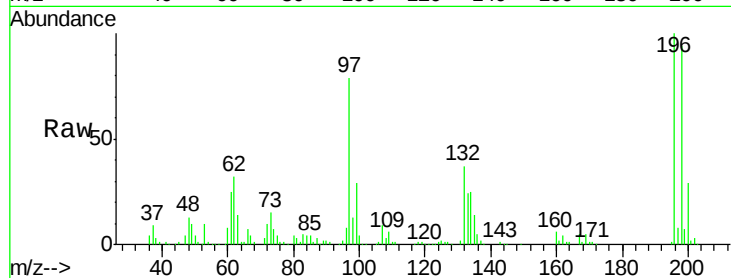
#43
 2,4,5-Trichlorophenol
 Concen: 41.37 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175970		
198	94.2	77.5	116.3	
97	78.7	32.0	48.0	
132	37.4	20.9	31.3	

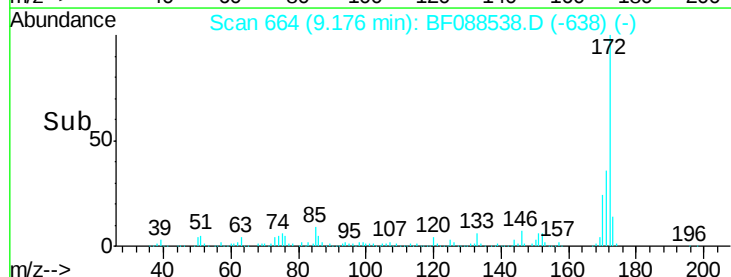
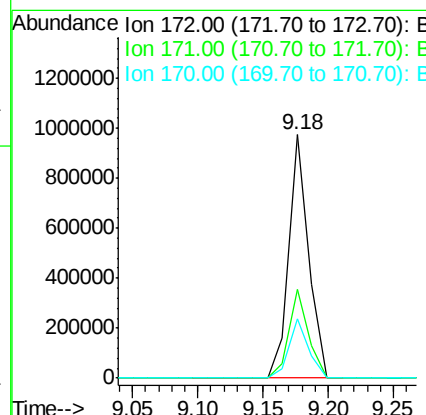
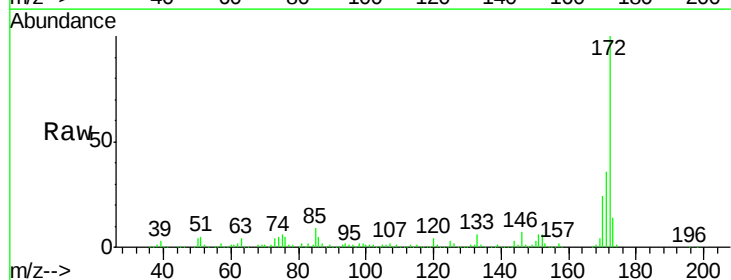
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 72.74 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1038213		
171	36.4	28.6	43.0	
170	24.5	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 40.90 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF088538.D

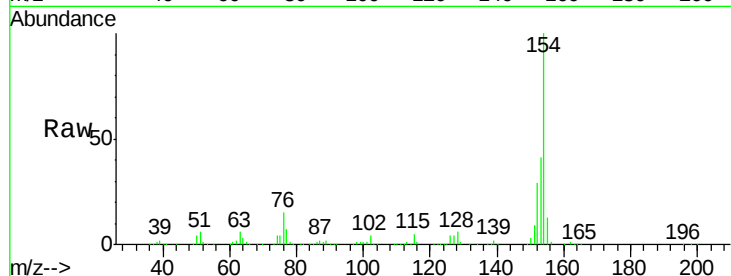
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:154 Resp: 763524

Ion Ratio Lower Upper

154 100

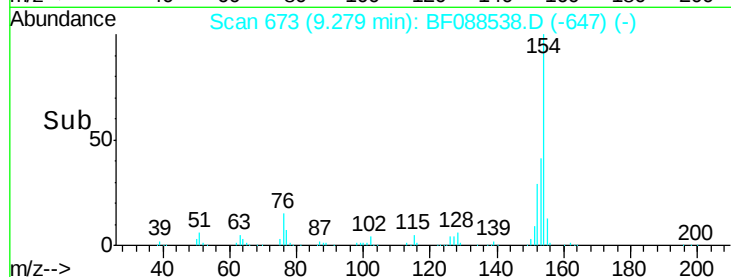
153 41.3 20.6 60.6

76 14.6 0.0 35.1

Manual Integrations

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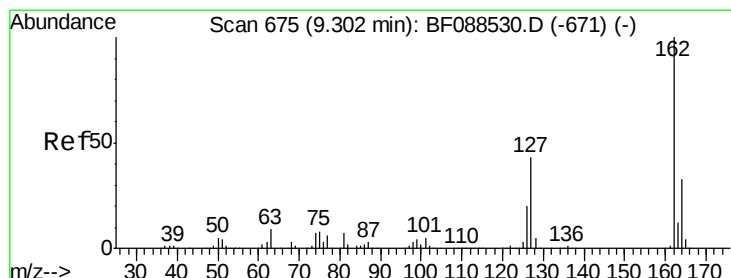
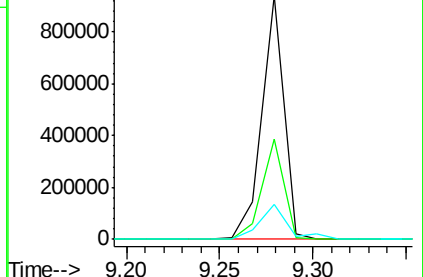
7/1/2016 8:05:13 AM



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: 41.29 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

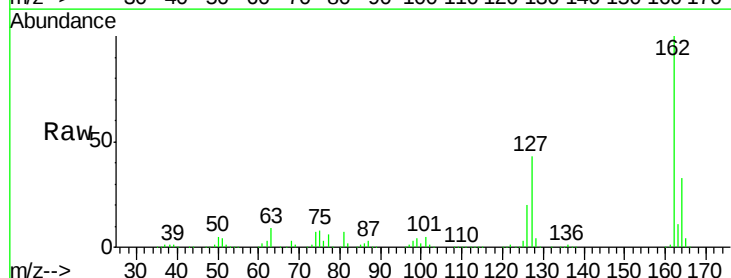
Tgt Ion:162 Resp: 605113

Ion Ratio Lower Upper

162 100

127 42.8 35.2 52.8

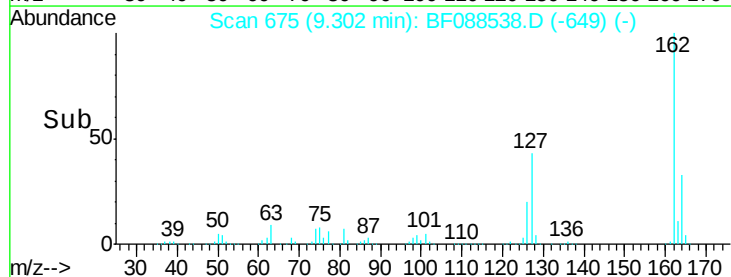
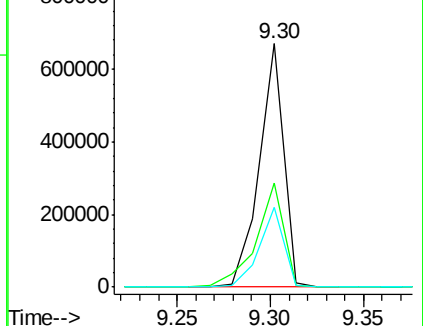
164 33.0 26.6 39.8



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





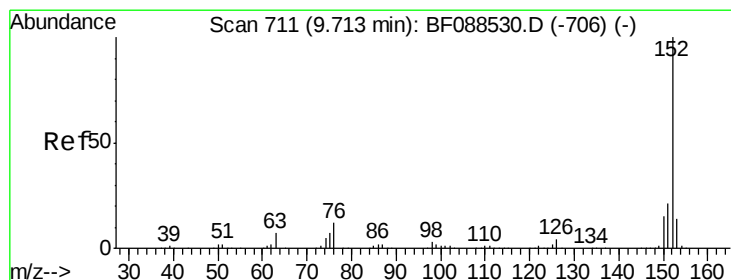
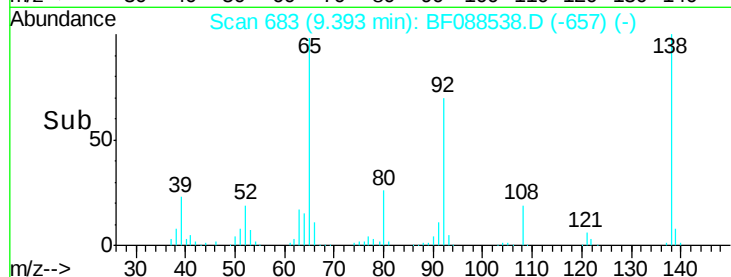
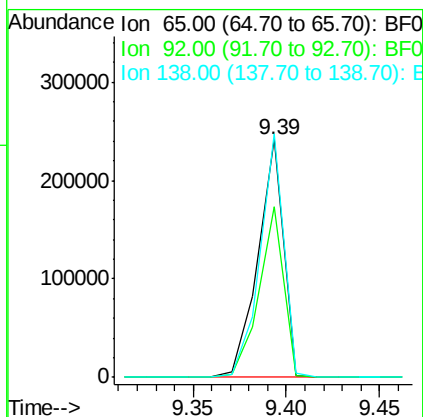
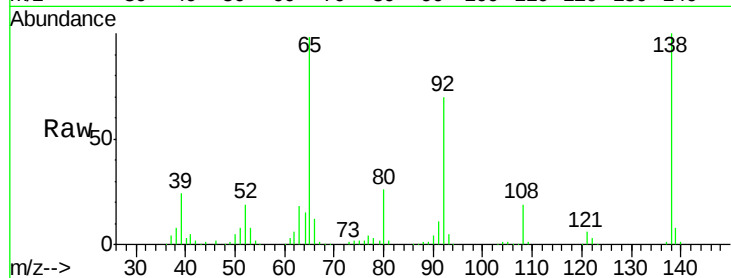
#47
2-Nitroaniline
Concen: 43.71 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 227376
Ion Ratio Lower Upper
65 100
92 71.9 54.6 82.0
138 102.3 77.0 115.4

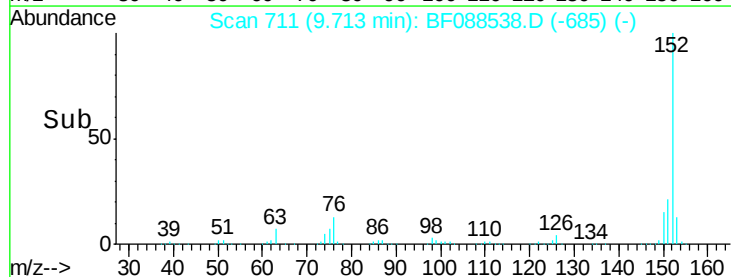
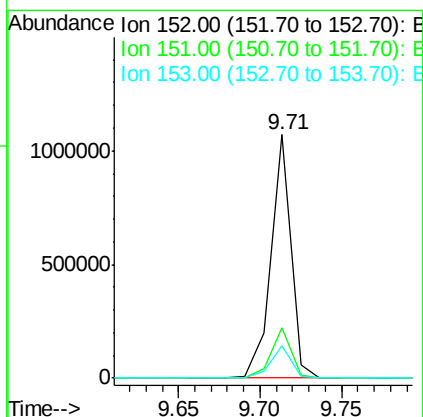
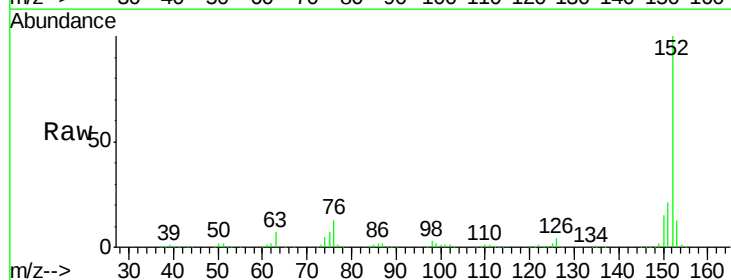
Manual Integrations

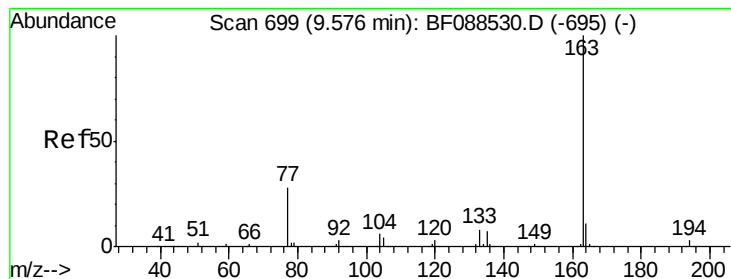
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7/1/2016 8:05:13 AM



#48
Acenaphthylene
Concen: 39.37 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion: 152 Resp: 918093
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.4 11.0 16.6





#49

Dimethylphthalate

Concen: 36.89 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

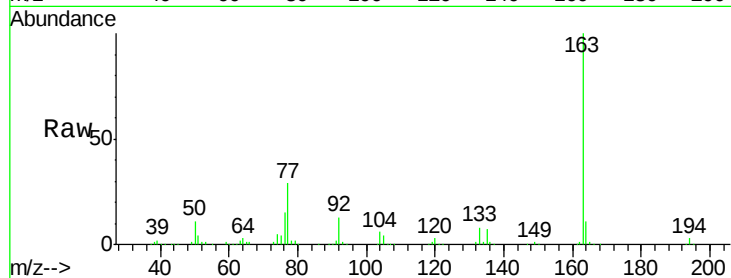
SSTDCCC040EC

Tgt Ion:	163	Resp:	592511
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.8	4.2
164	10.8	8.3	12.5

Manual Integrations

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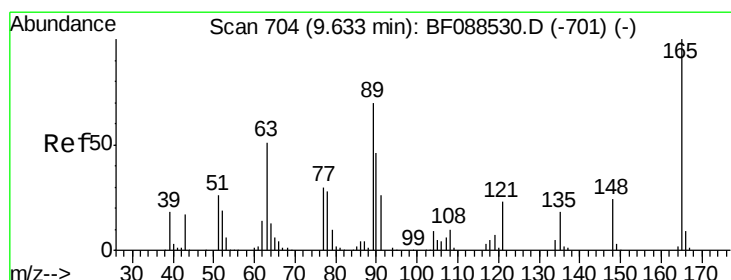
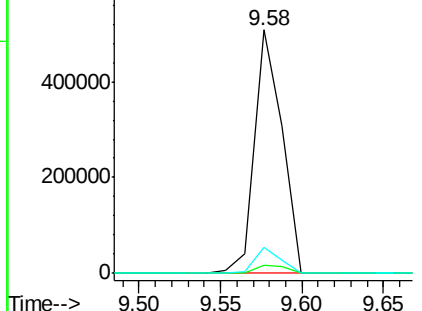
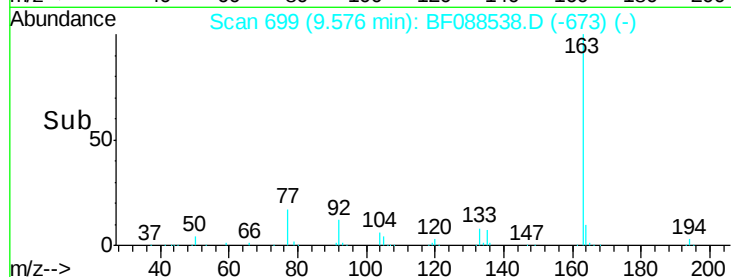
7/1/2016 8:05:13 AM



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: 37.09 ng

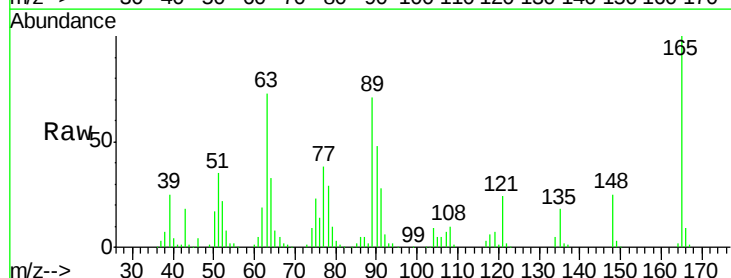
RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

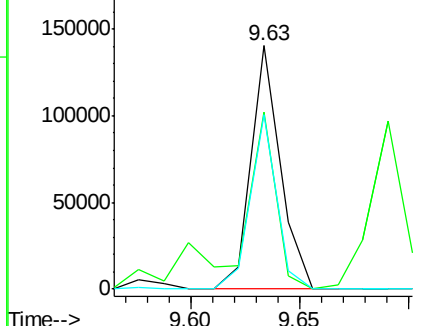
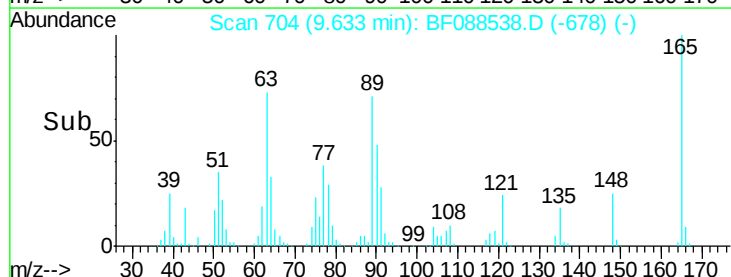
Tgt Ion:	165	Resp:	132032
Ion Ratio	Lower	Upper	
165	100		
63	72.9	28.1	42.1#
89	71.5	32.2	48.2#

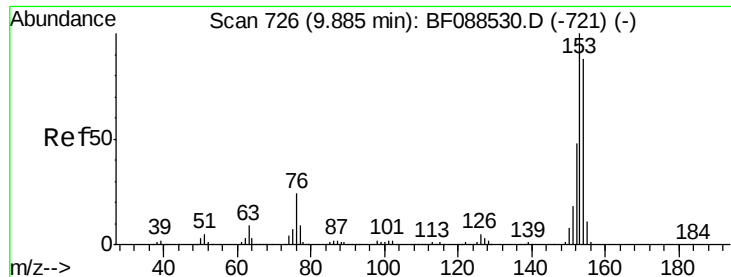


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.69 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

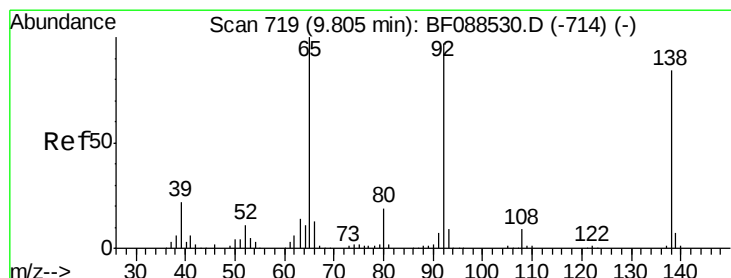
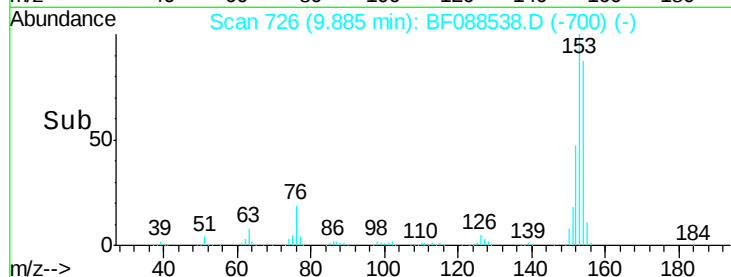
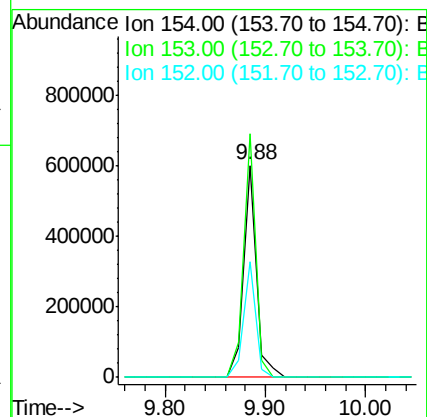
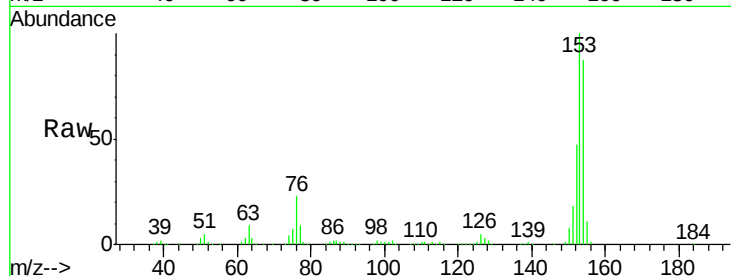
SSTDCCC040EC

Tgt Ion:	154	Resp:	538741
Ion Ratio	Lower	Upper	
154	100		
153	115.1	89.5	134.3
152	54.6	42.7	64.1

Manual Integrations

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#52

3-Nitroaniline

Concen: 44.67 ng

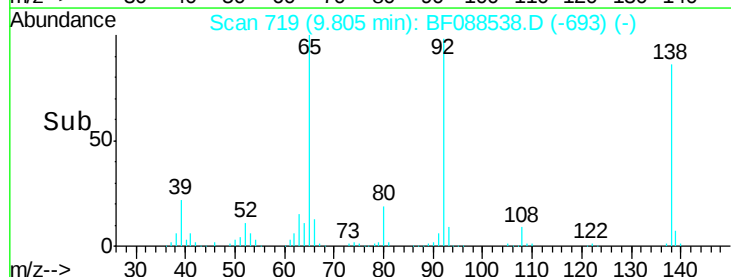
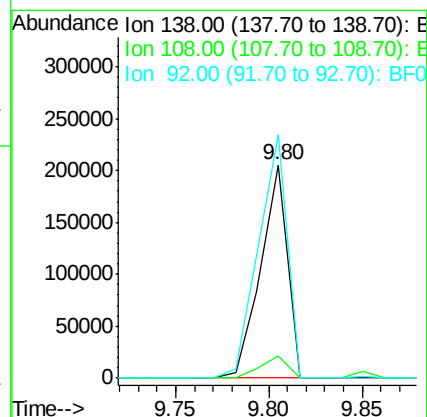
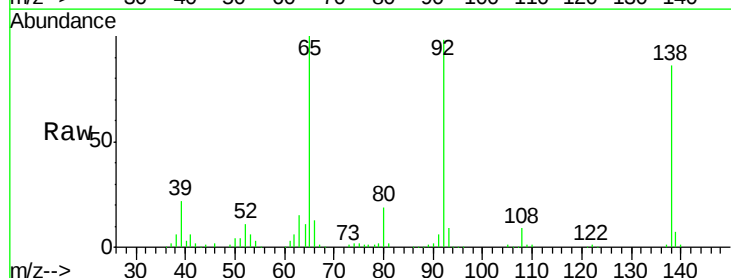
RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	138	Resp:	202172
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.5	12.7
92	114.1	95.7	143.5





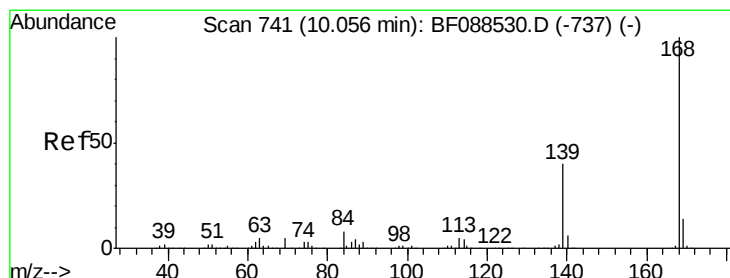
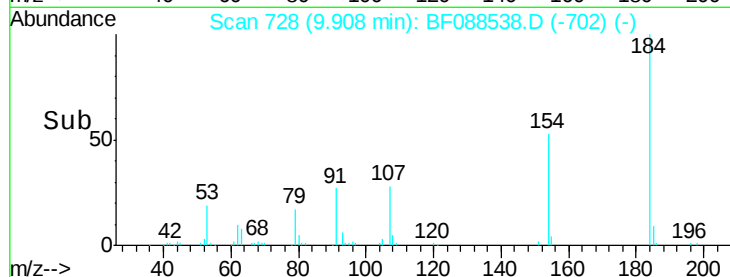
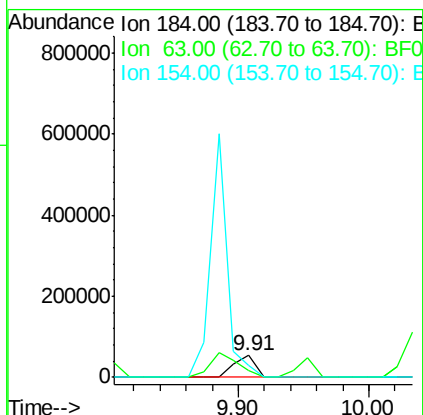
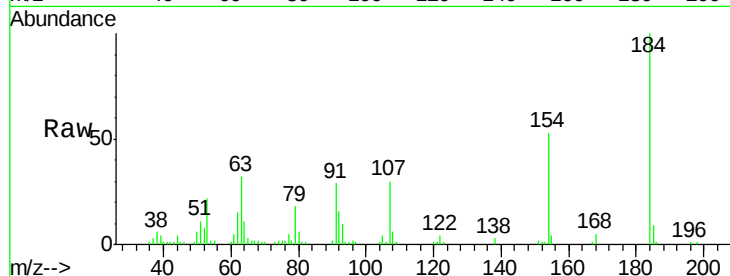
#53
 2,4-Dinitrophenol
 Concen: 39.14 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:184 Resp: 61518
 Ion Ratio Lower Upper
 184 100
 63 31.7 57.6 86.4#
 154 52.6 53.5 80.3#

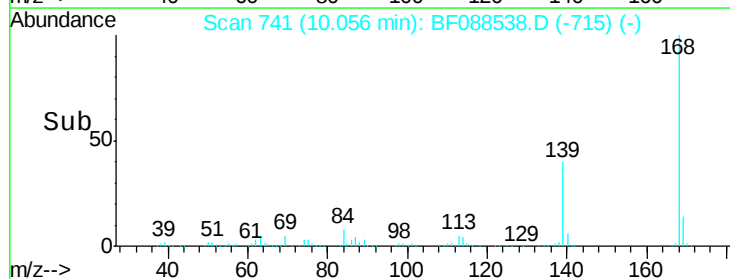
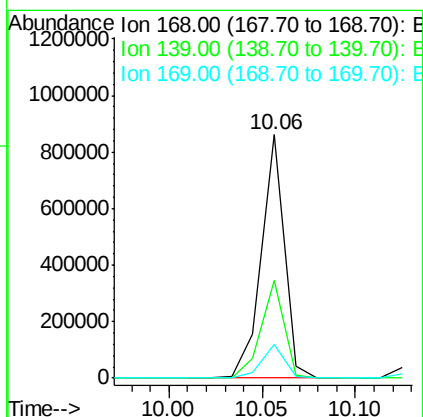
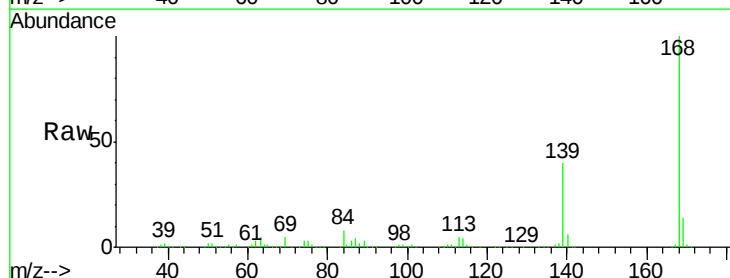
Manual Integrations

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#54
 Dibenzofuran
 Concen: 39.09 ng
 RT: 10.06 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:168 Resp: 731345
 Ion Ratio Lower Upper
 168 100
 139 39.9 26.4 39.6#
 169 13.8 10.4 15.6





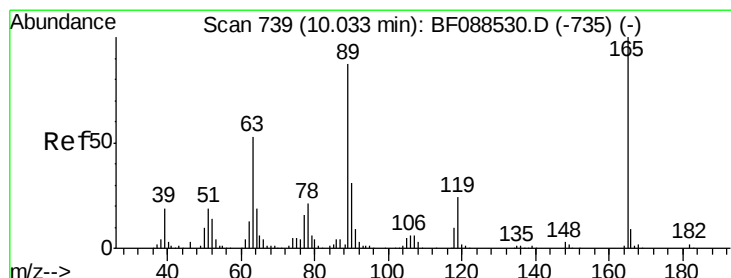
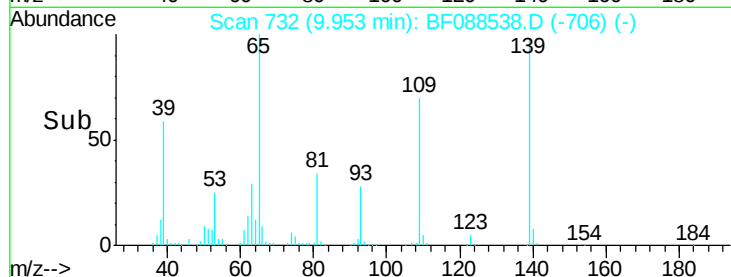
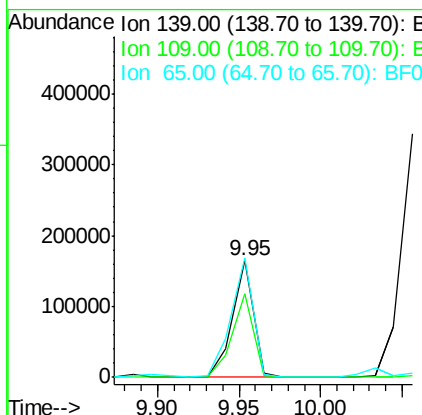
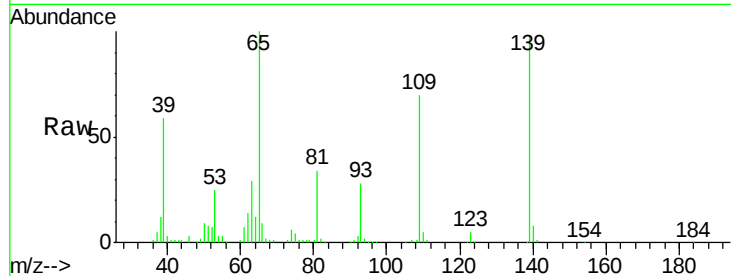
#55
4-Nitrophenol
Concen: 42.89 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 147494
Ion Ratio Lower Upper
139 100
109 71.6 48.9 88.9
65 102.5 84.9 124.9

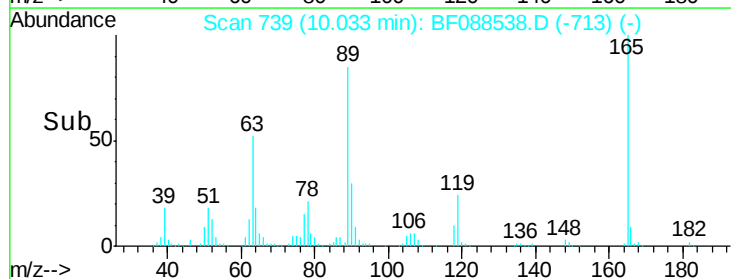
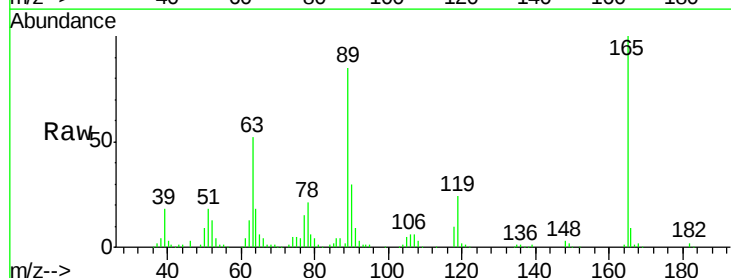
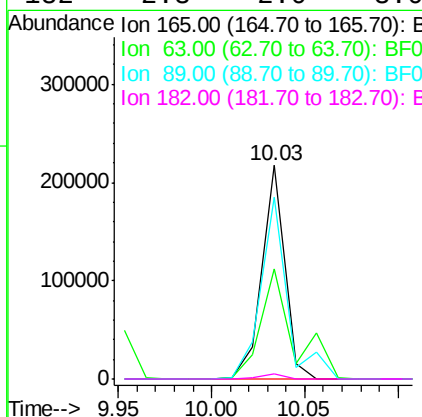
Manual Integrations

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#56
2,4-Dinitrotoluene
Concen: 39.25 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:165 Resp: 182714
Ion Ratio Lower Upper
165 100
63 51.7 22.0 33.0#
89 85.2 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 41.40 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088538.D

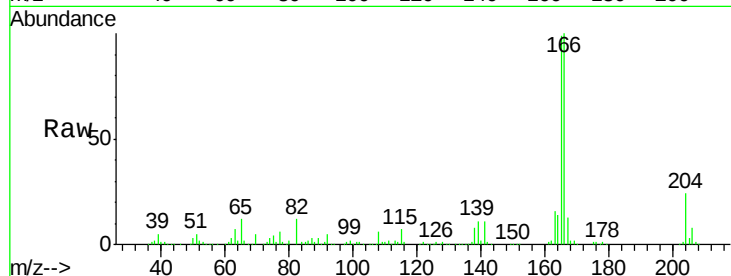
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:166 Resp: 596961

Ion Ratio Lower Upper

166 100

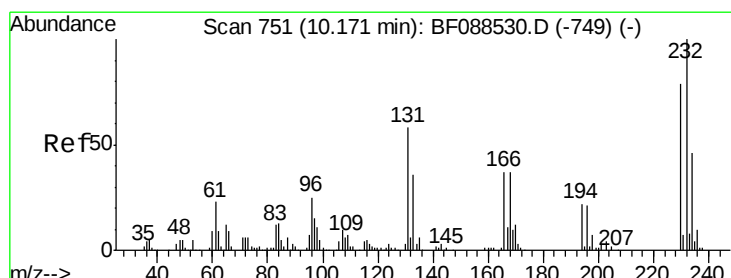
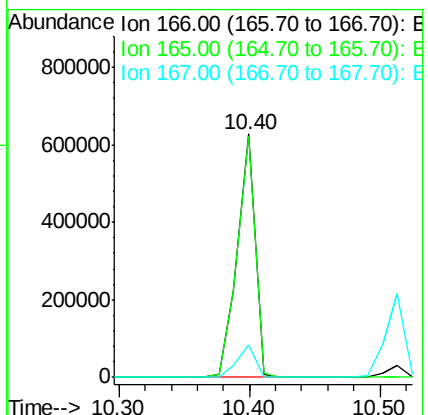
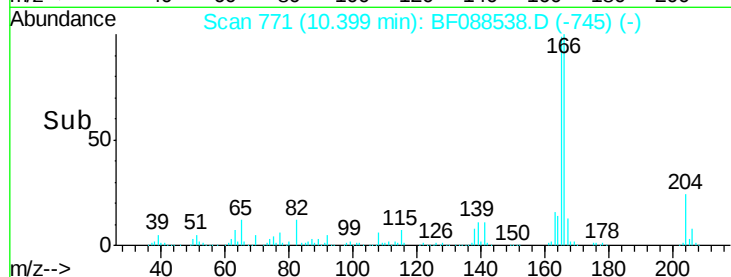
165 98.9 77.8 116.8

167 13.4 11.2 16.8

Manual Integrations

SOHIL

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.20 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:232 Resp: 135583

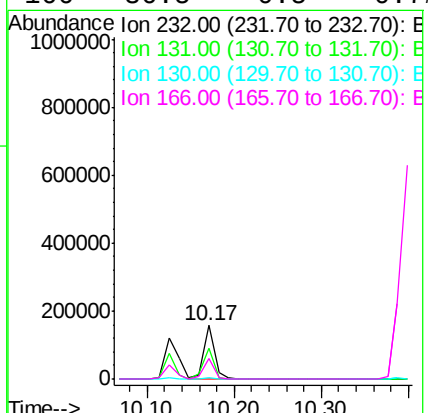
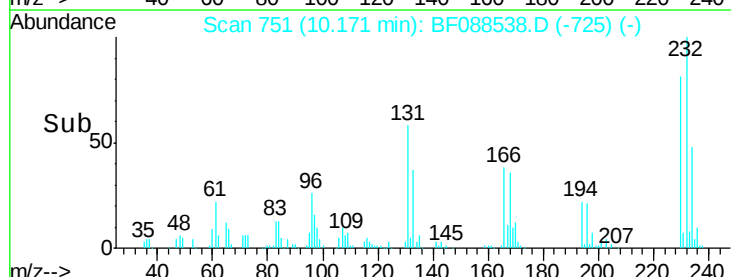
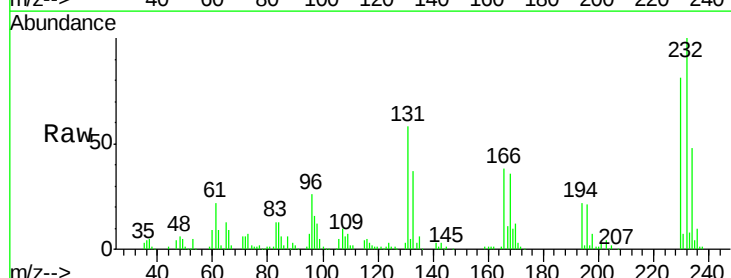
Ion Ratio Lower Upper

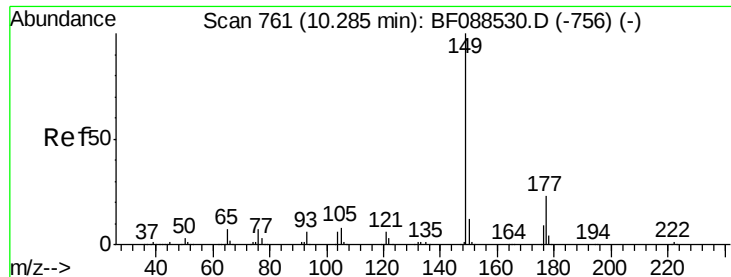
232 100

131 57.0 0.9 1.3#

130 2.7 1.5 2.3#

166 36.5 0.5 0.7#





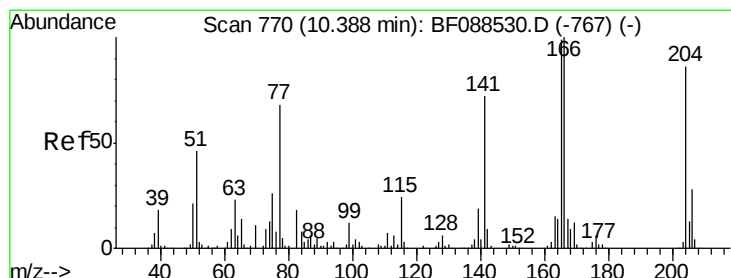
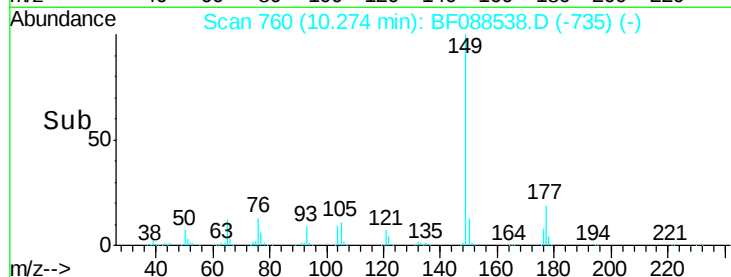
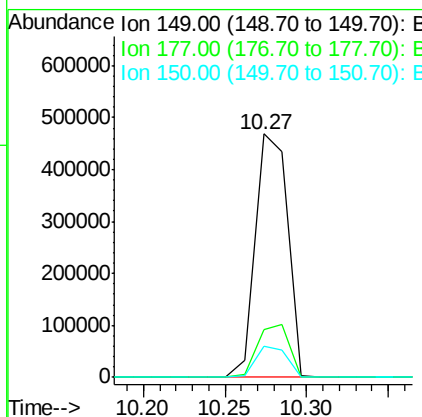
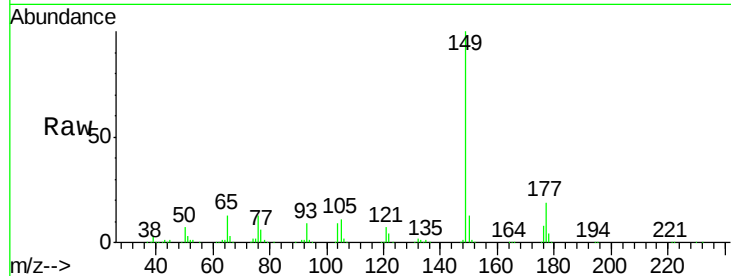
#59
Diethylphthalate
Concen: 40.01 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 645047
Ion Ratio Lower Upper
149 100
177 19.4 16.9 25.3
150 13.0 10.1 15.1

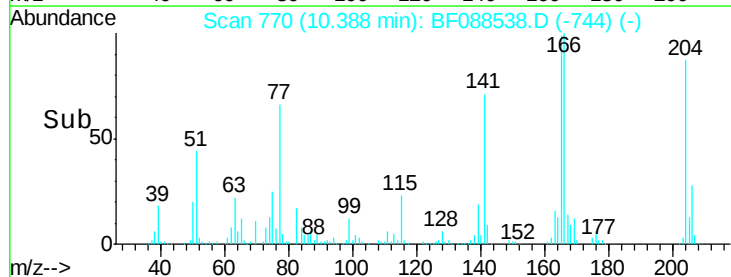
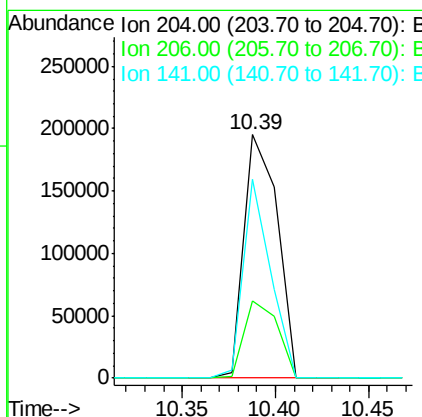
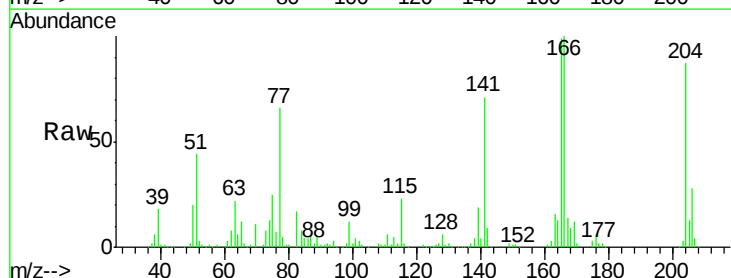
Manual Integrations

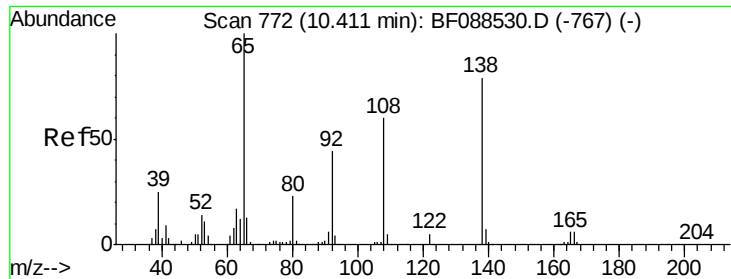
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#60
4-Chlorophenyl-phenylether
Concen: 36.22 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion:204 Resp: 242671
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 81.4 55.0 82.6





#61

4-Nitroaniline

Concen: 36.19 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF088538.D

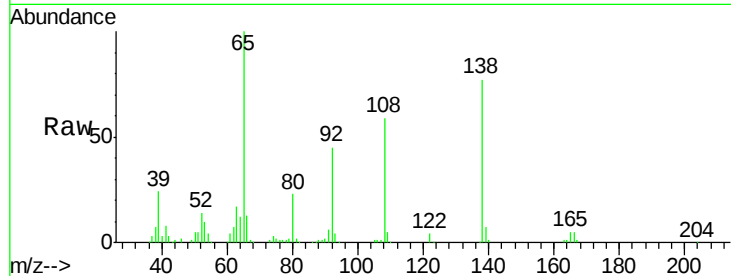
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

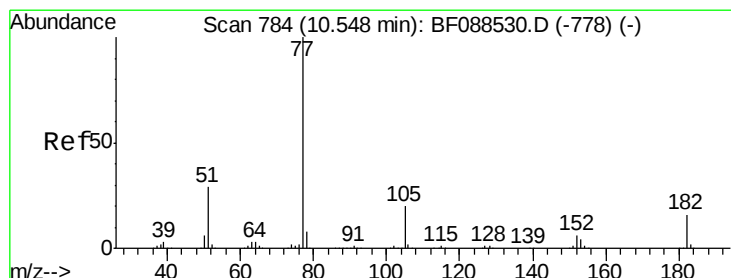
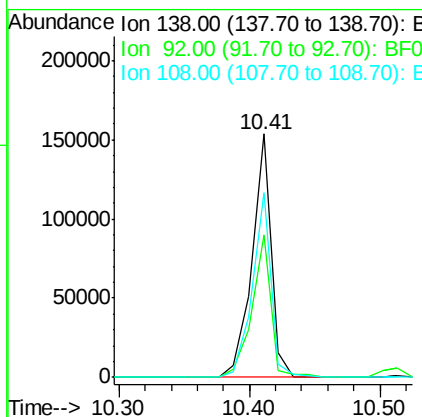
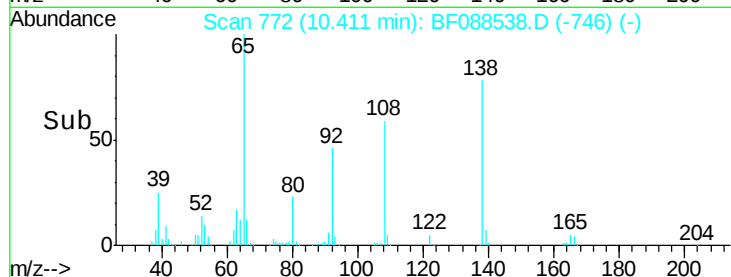


Tgt Ion	138	92	108
Resp	157617	58.7	76.1
Lower	27.3	46.7	
Upper	67.3	86.7	

Manual Integrations

SOHIL

7/1/2016 8:05:13 AM



#62

Azobenzene

Concen: 38.06 ng

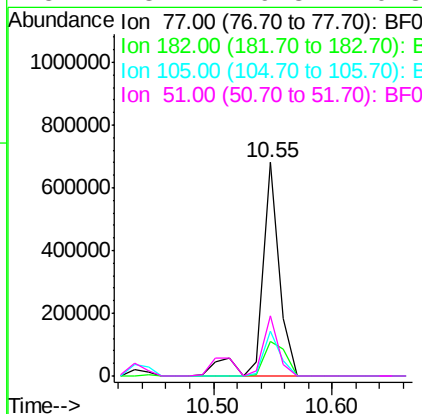
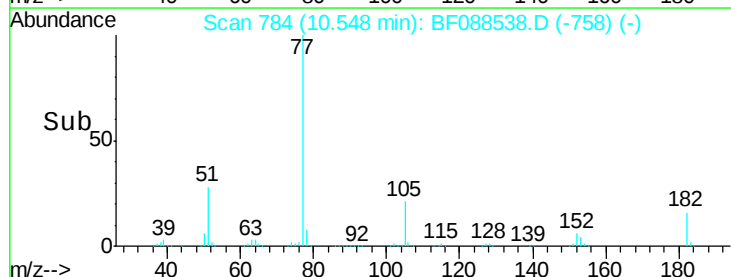
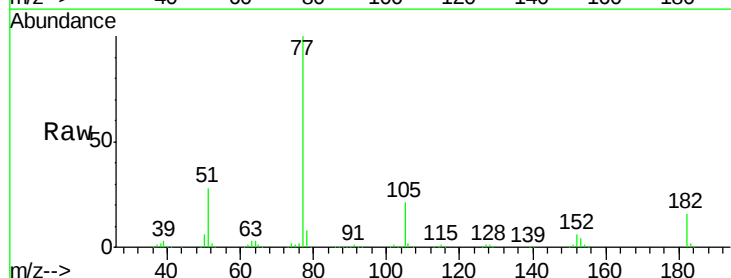
RT: 10.55 min Scan# 784

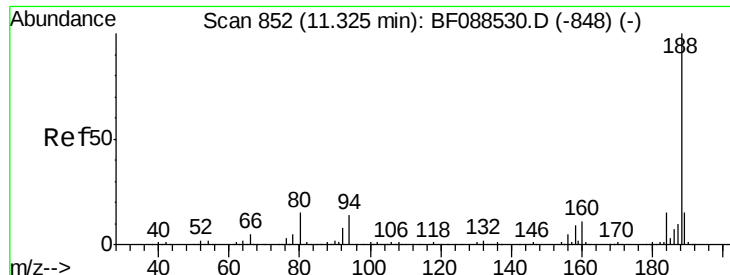
Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion	77	182	105	51
Resp	699860	15.9	21.0	28.4
Lower	4.4	3.8	9.3	
Upper	44.4	43.8	49.3	





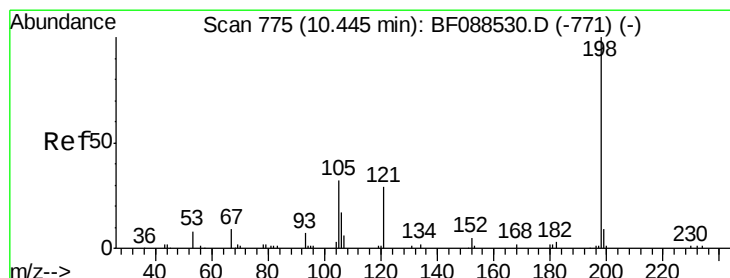
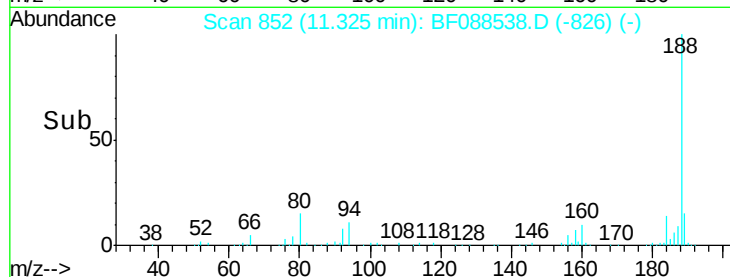
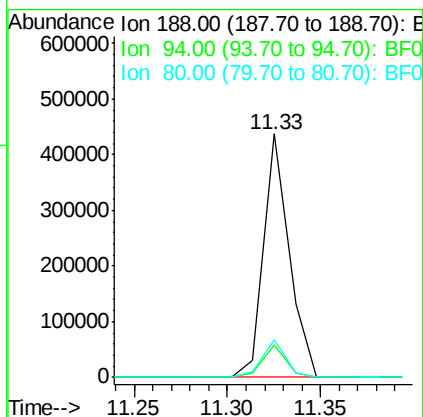
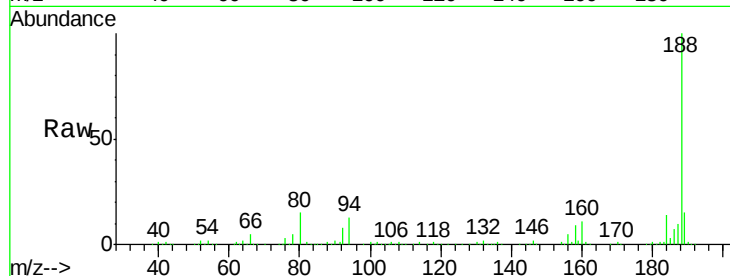
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.0	13.6
80	15.3	10.0	15.0#

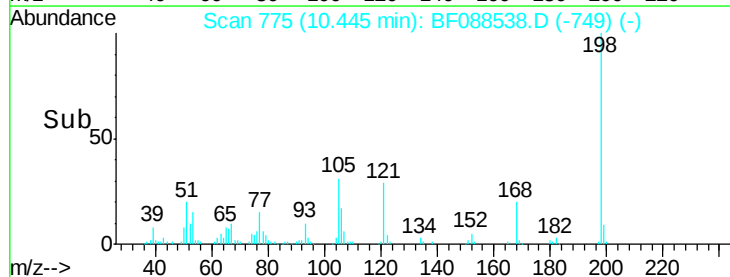
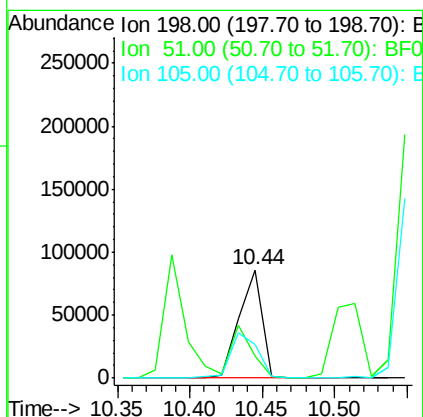
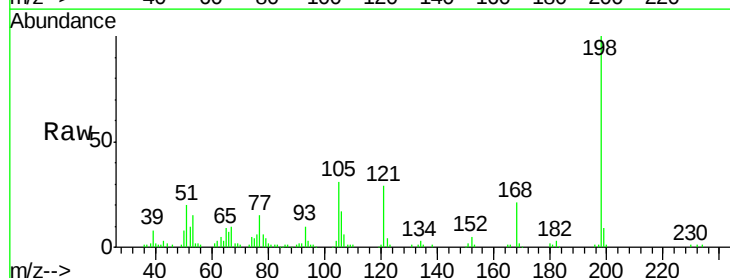
Manual Integrations

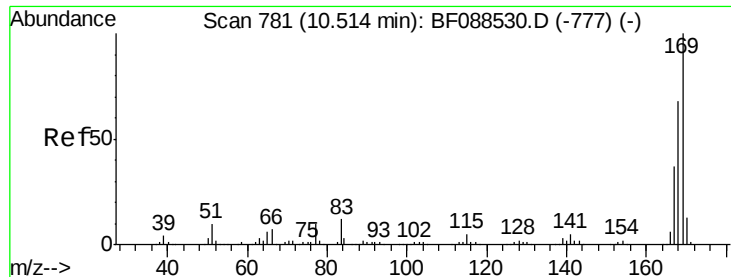
APPROVED
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7/1/2016 8:05:13 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.44 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

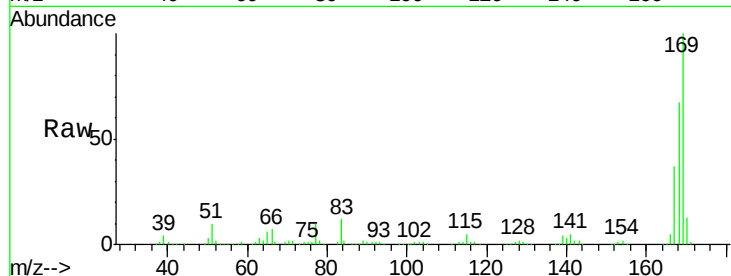
Tgt Ion	Ratio	Lower	Upper
198	100		
51	20.4	39.6	79.6#
105	31.5	36.6	76.6#





#65
n-Nitrosodiphenylamine
Concen: 41.20 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

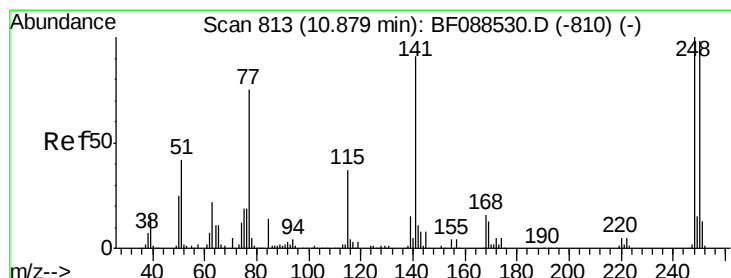
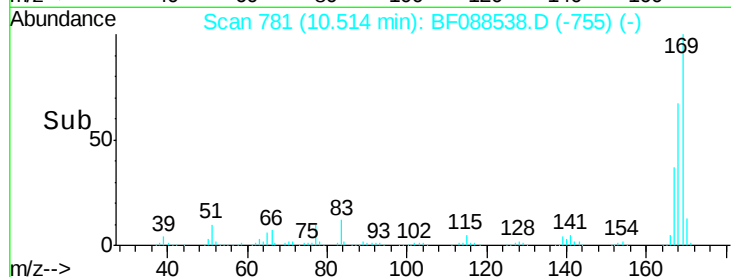
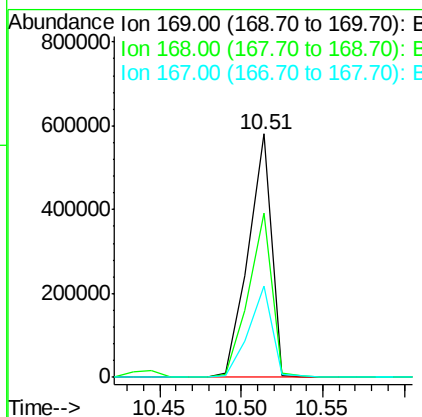
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.0
167	37.3	29.4	44.0

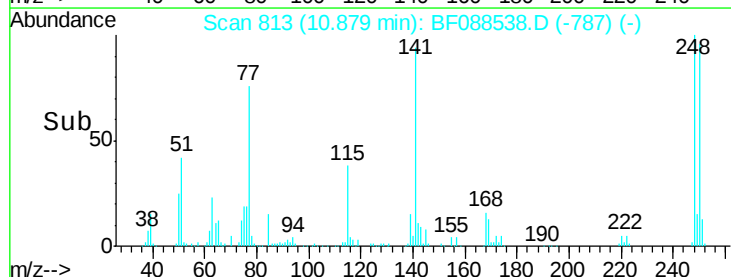
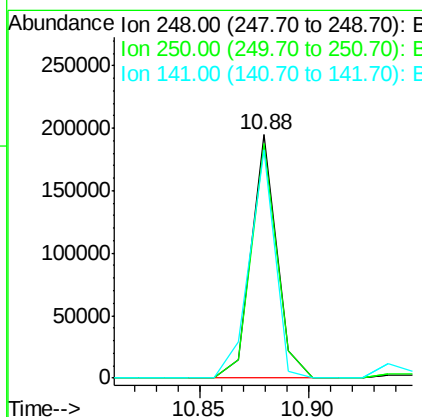
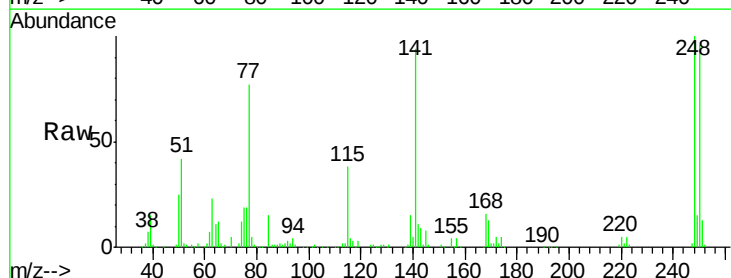
Manual Integrations

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#66
4-Bromophenyl-phenylether
Concen: 38.23 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	93.8	50.6	76.0





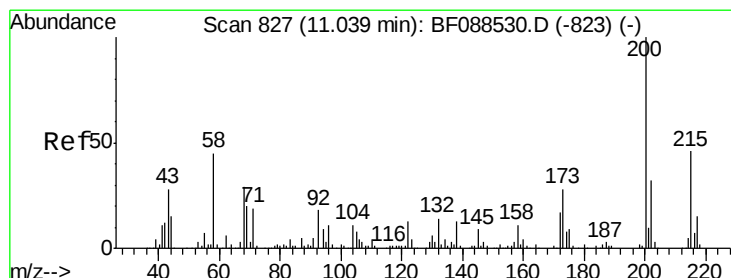
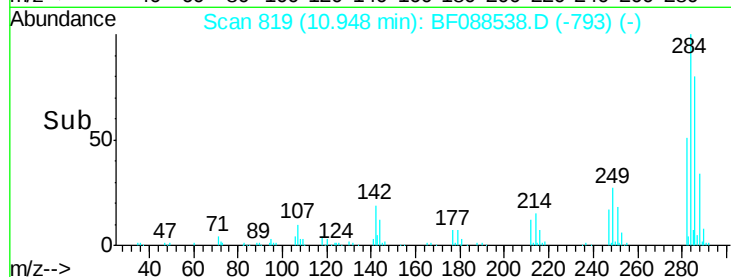
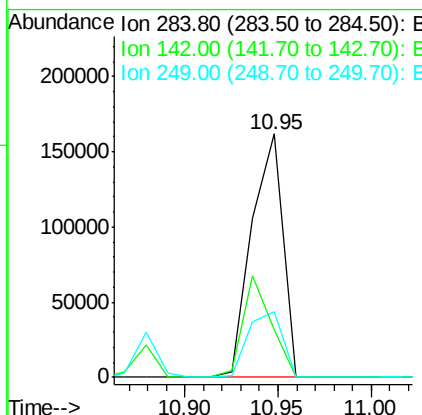
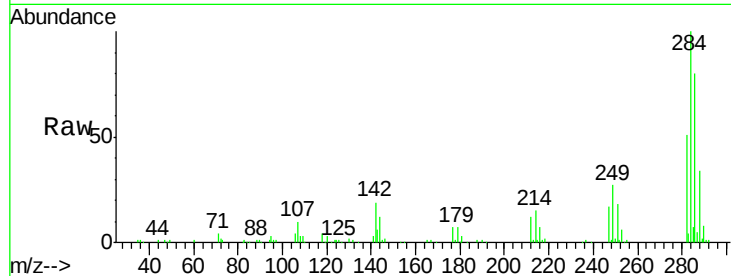
#67
Hexachlorobenzene
Concen: 40.45 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	186395		
142	19.5	35.8	53.8#	
249	27.0	25.8	38.6	

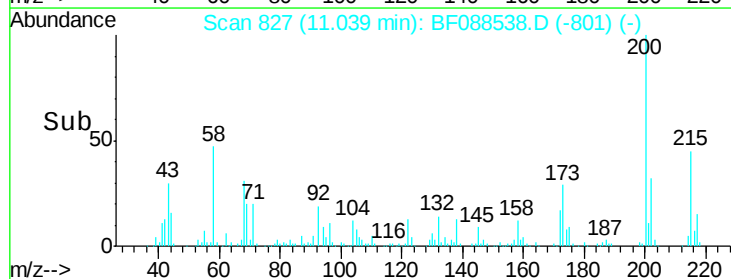
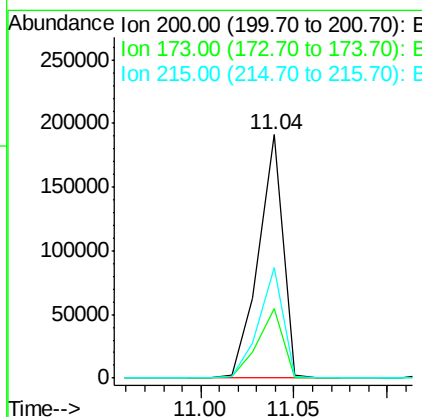
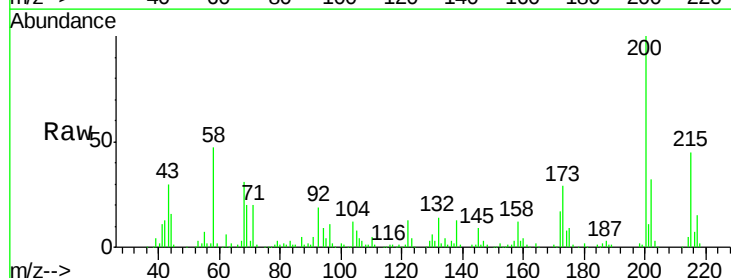
Manual Integrations

SOHIL
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#68
Atrazine
Concen: 40.80 ng
RT: 11.04 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	177771		
173	28.8	4.0	44.0	
215	45.2	29.3	69.3	





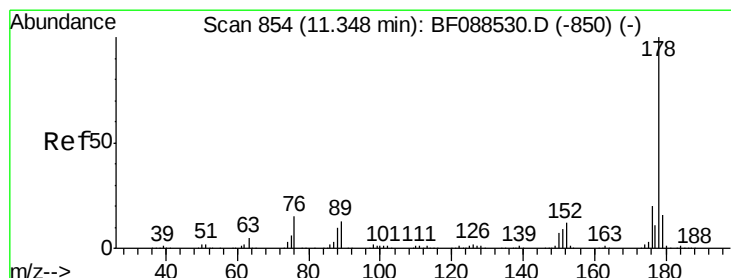
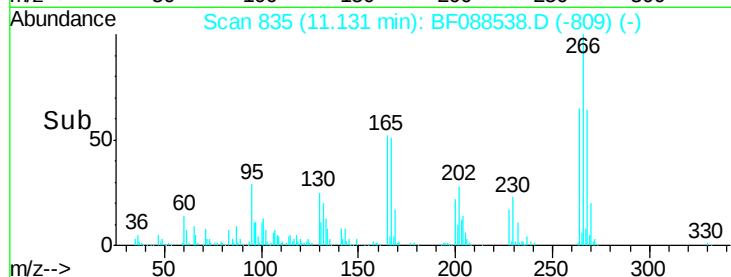
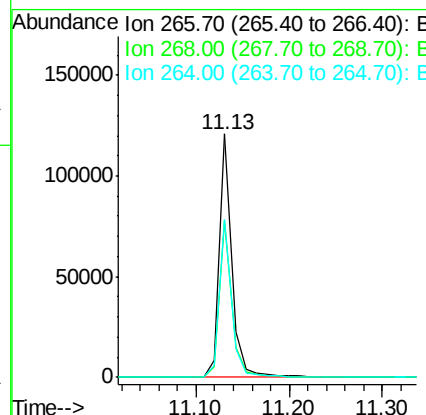
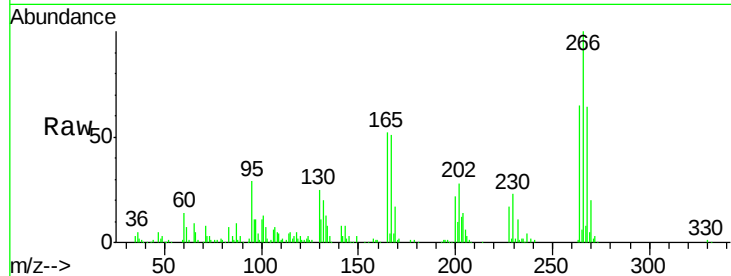
#69
 Pentachlorophenol
 Concen: 40.89 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.8	79.2
264	65.1	49.6	74.4

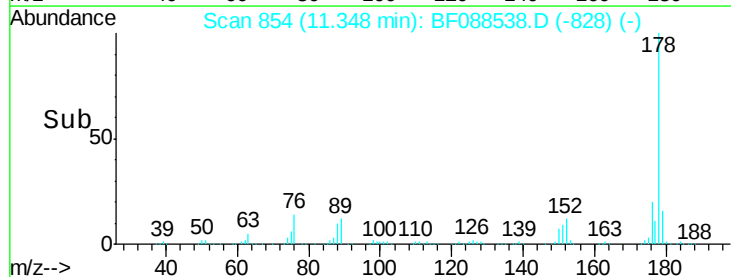
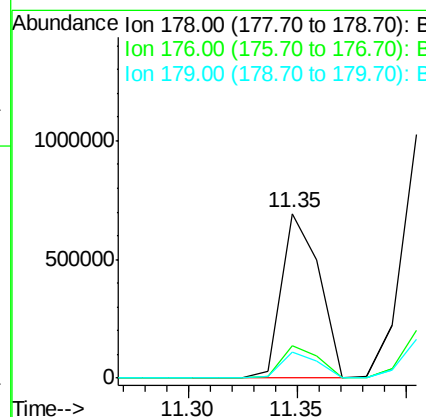
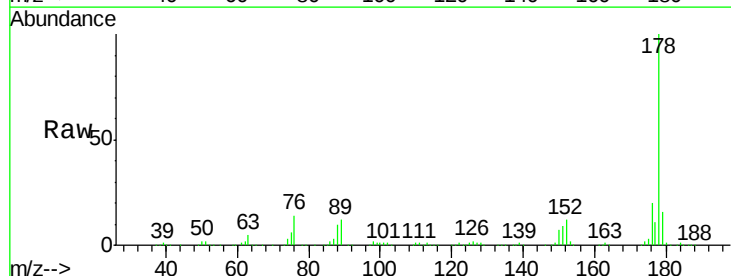
Manual Integrations

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#70
 Phenanthrene
 Concen: 37.22 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.9	13.0	19.4





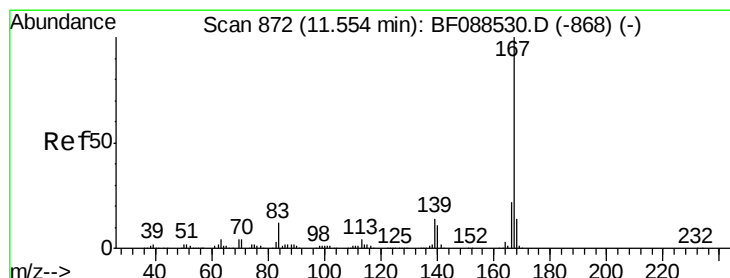
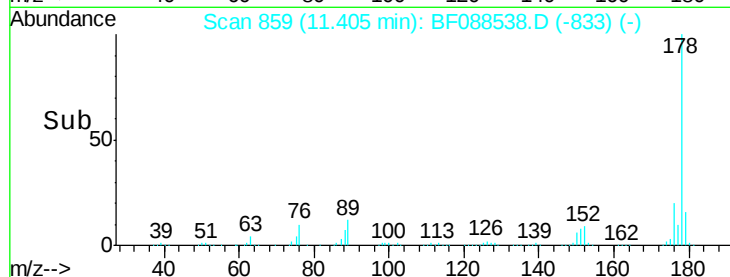
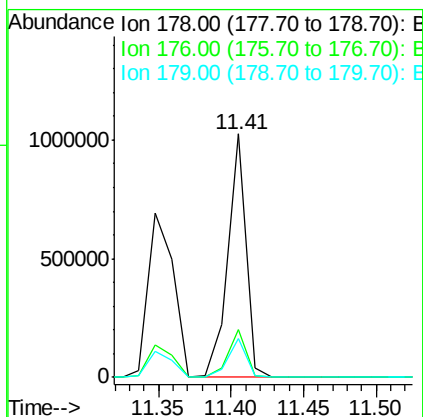
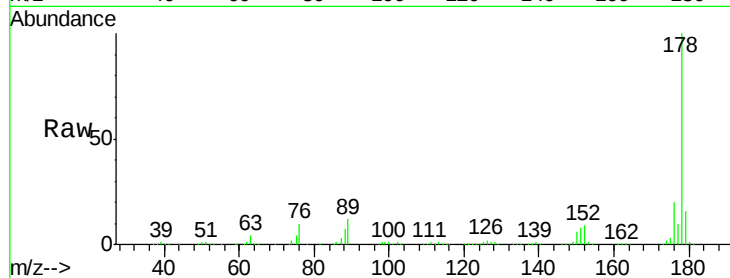
#71
 Anthracene
 Concen: 39.55 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.8	12.8	19.2

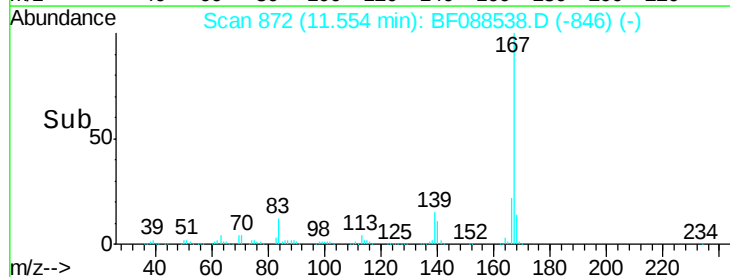
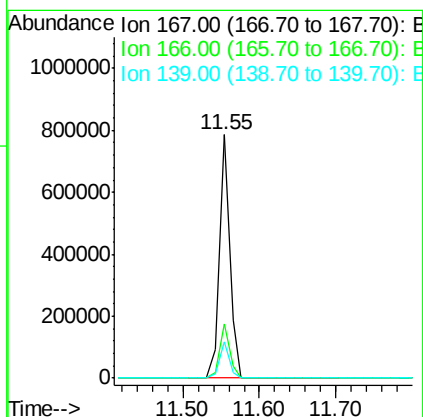
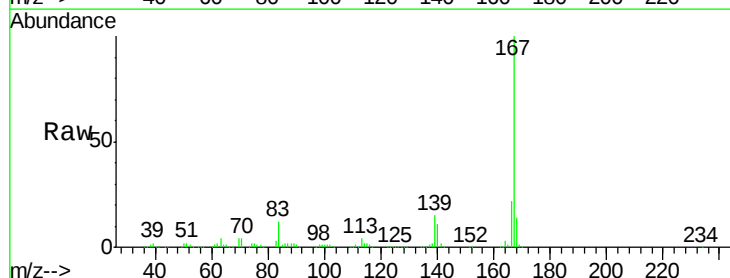
Manual Integrations

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#72
 Carbazole
 Concen: 34.81 ng
 RT: 11.55 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.6	11.2	16.8





#73

Di-n-butylphthalate

Concen: 36.19 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 889735

Ion Ratio Lower Upper

149 100

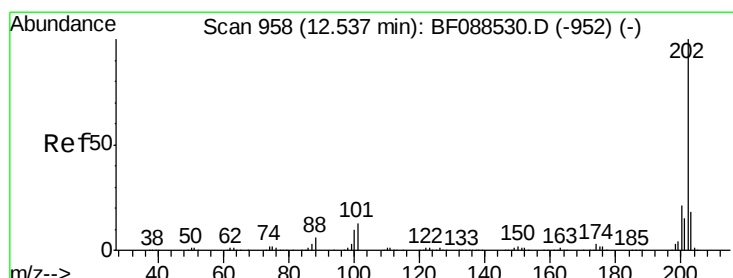
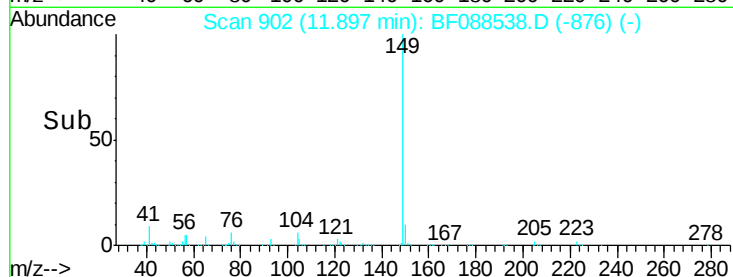
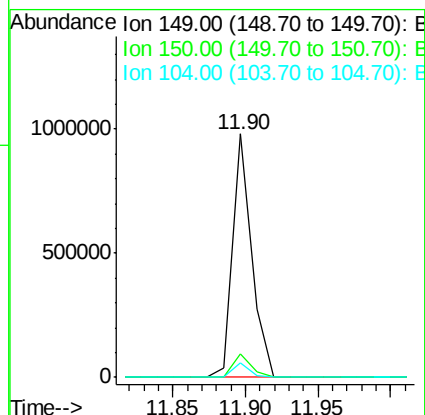
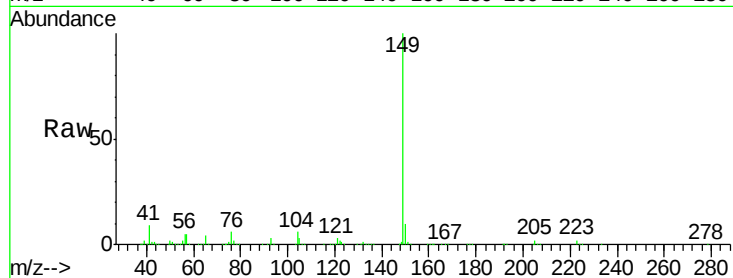
150 9.6 7.8 11.6

104 5.9 4.0 6.0

Manual Integrations

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#74

Fluoranthene

Concen: 39.98 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

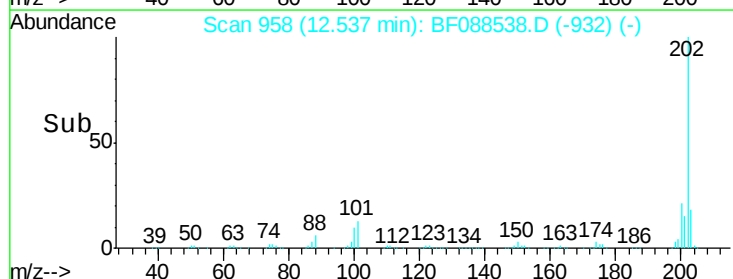
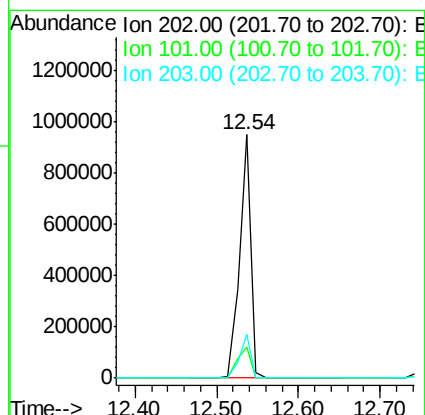
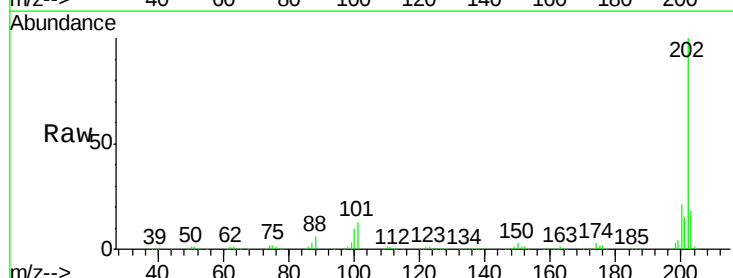
Tgt Ion:202 Resp: 915307

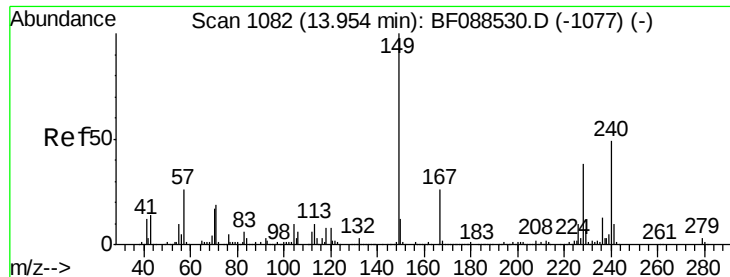
Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.1

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:240 Resp: 267828

Ion Ratio Lower Upper

240 100

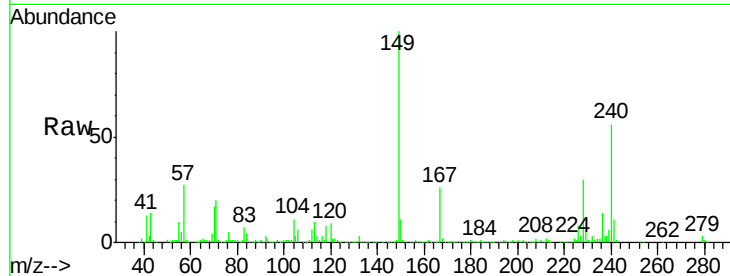
120 15.4 6.8 10.2#

236 26.0 20.2 30.2

Manual Integrations

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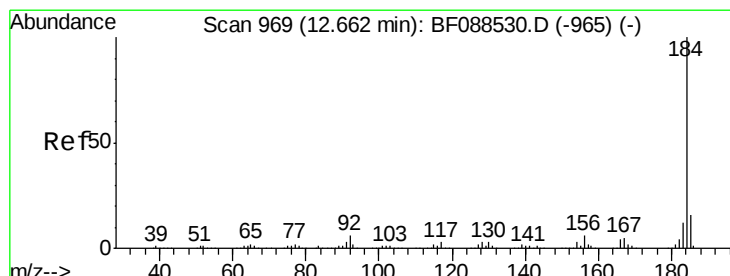
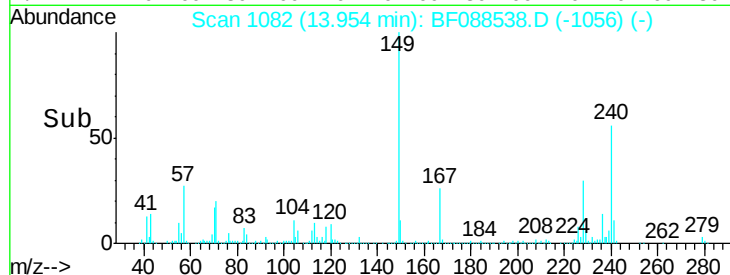
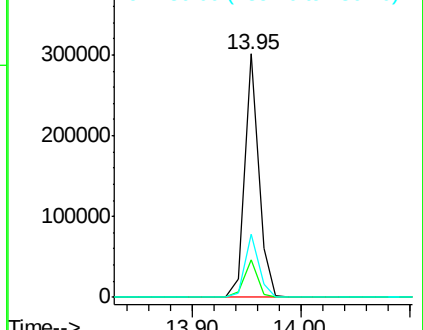
7/1/2016 8:05:13 AM



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: 39.36 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

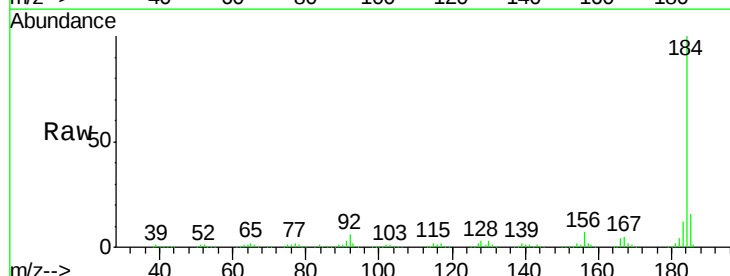
Tgt Ion:184 Resp: 532863

Ion Ratio Lower Upper

184 100

185 16.0 12.5 18.7

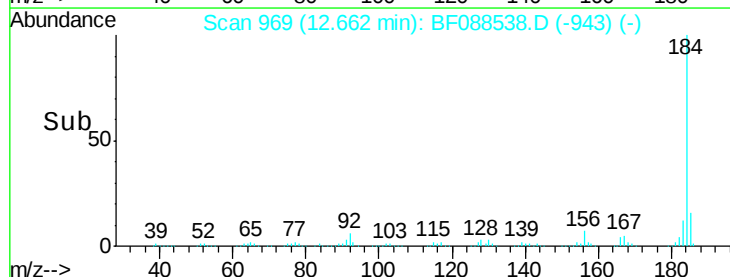
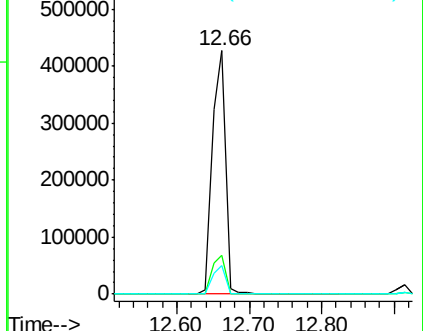
183 11.6 9.3 13.9

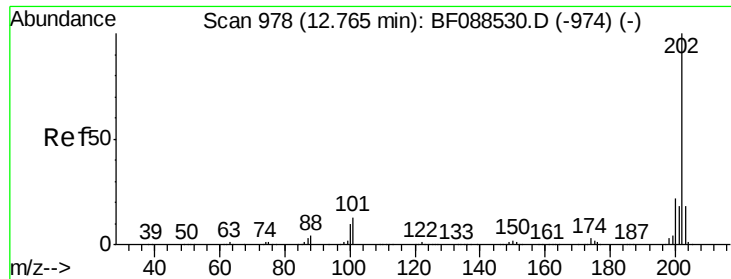


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





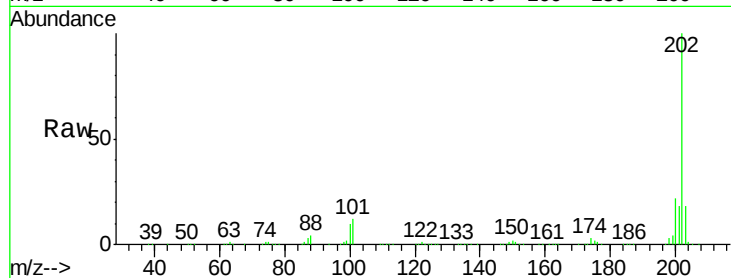
#77
 Pyrene
 Concen: 42.69 ng
 RT: 12.77 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

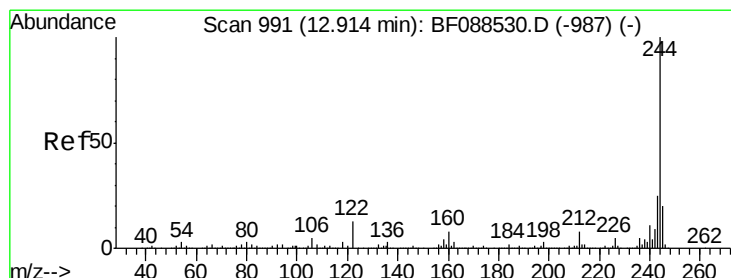
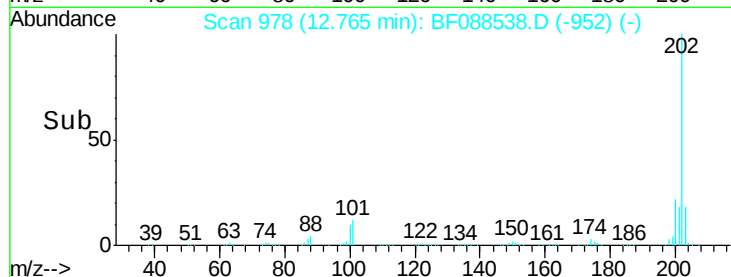
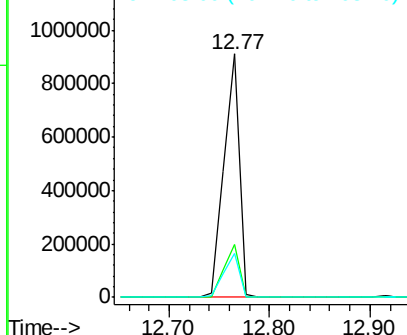
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.5	21.7

Manual Integrations

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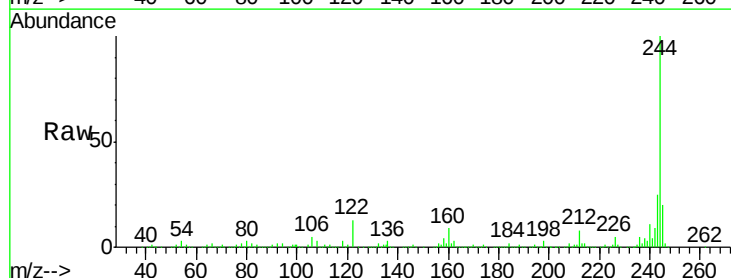


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

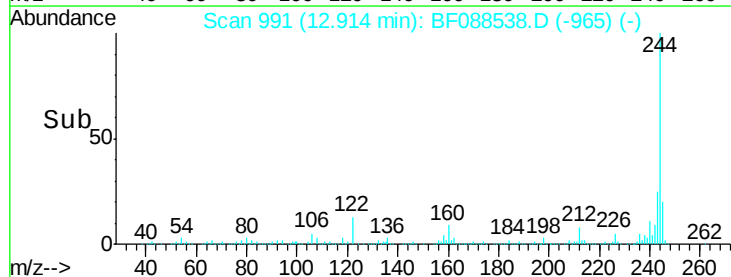
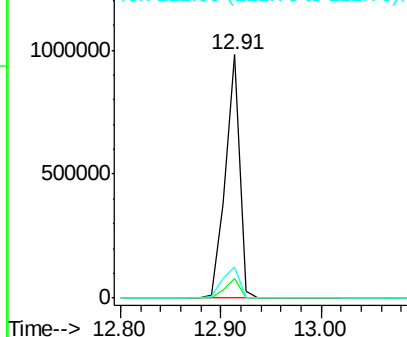


#78
 Terphenyl-d14
 Concen: 80.13 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	12.7	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





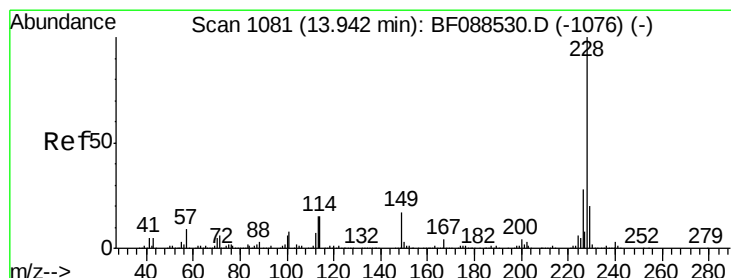
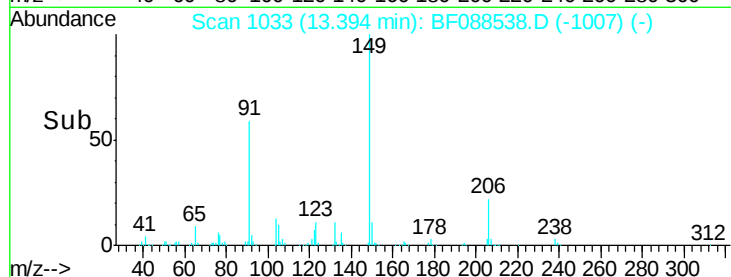
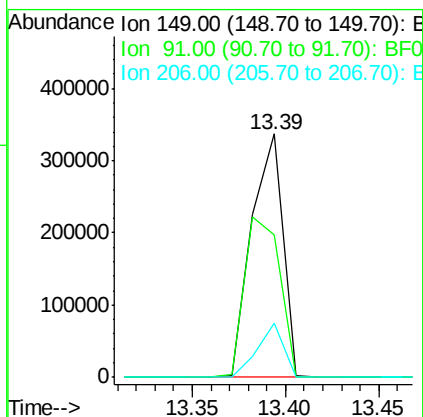
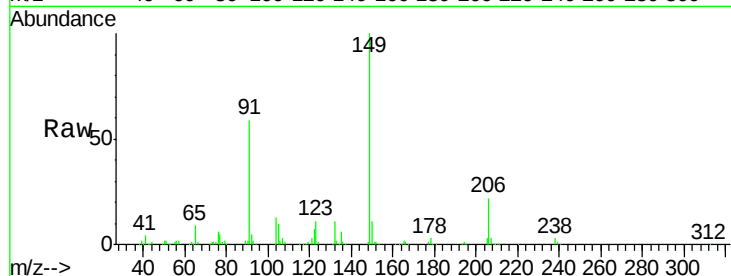
#79
Butylbenzylphthalate
Concen: 38.43 ng
RT: 13.39 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.7	48.0	72.0
206	22.0	16.0	24.0

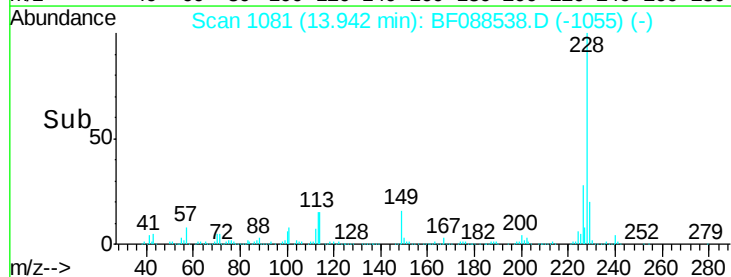
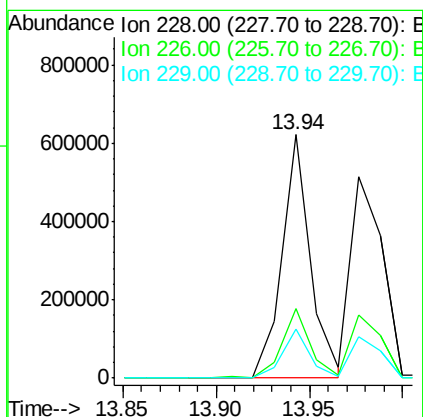
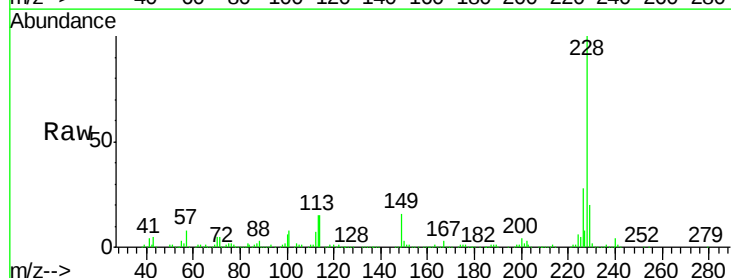
Manual Integrations

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#80
Benzo(a)anthracene
Concen: 38.15 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.2	16.0	24.0





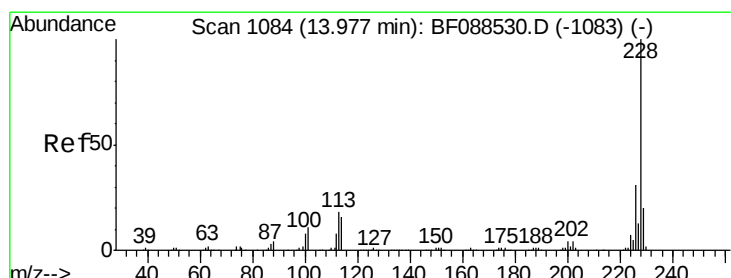
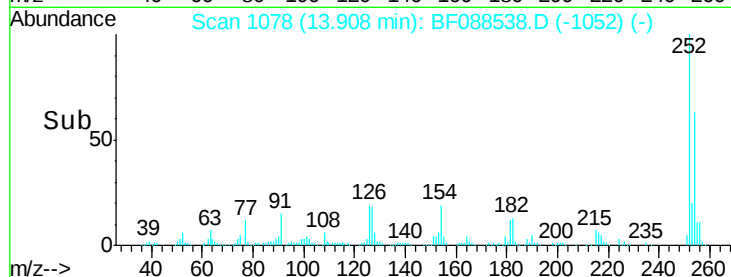
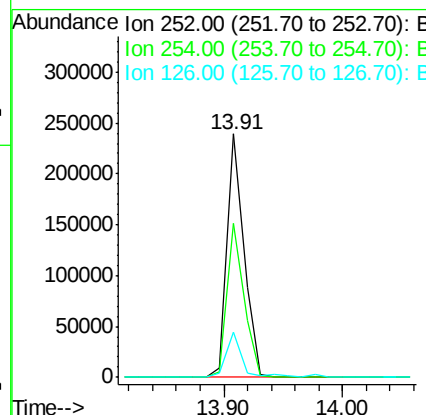
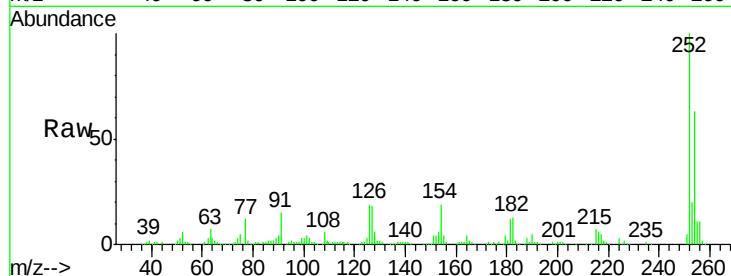
#81
 3,3'-Dichlorobenzidine
 Concen: 36.16 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.6	78.8
126	18.6	6.2	9.2

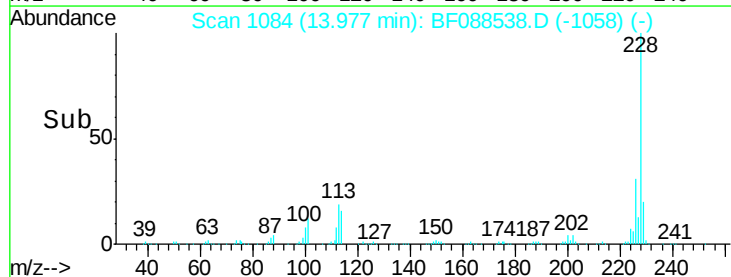
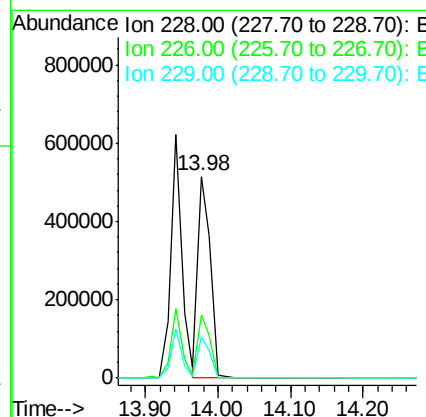
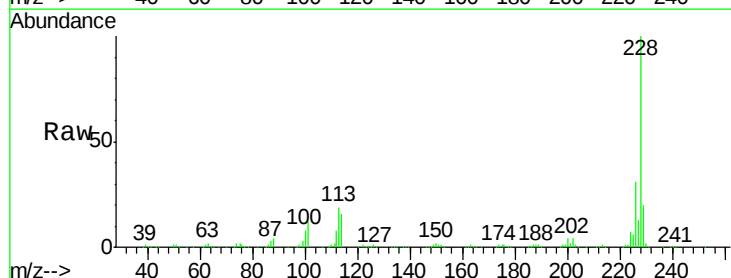
Manual Integrations

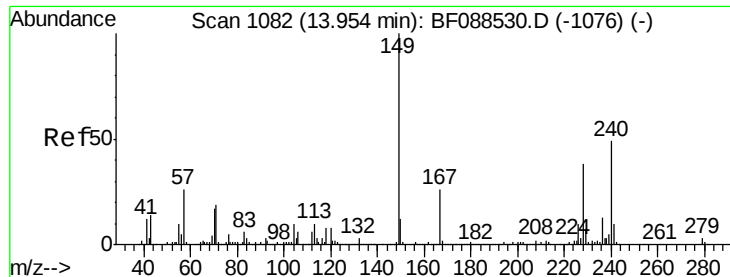
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#82
 Chrysene
 Concen: 36.22 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	20.4	16.3	24.5





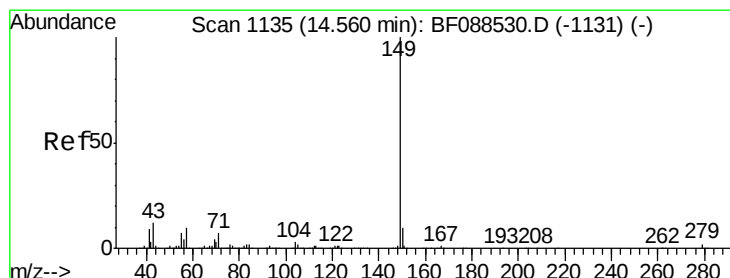
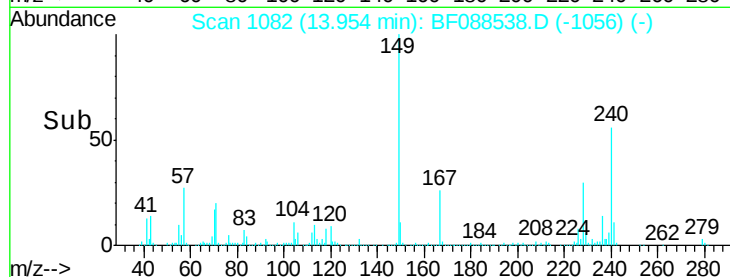
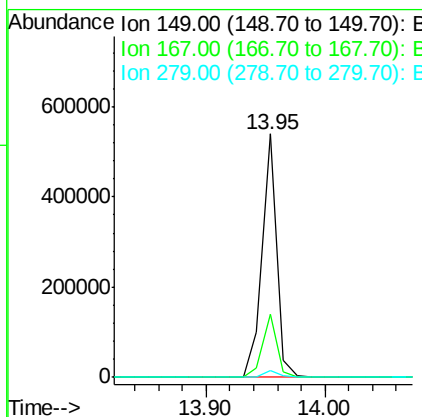
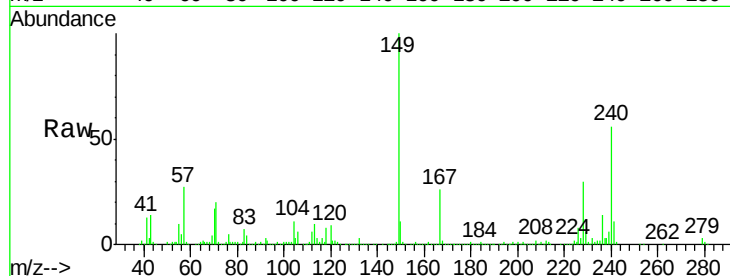
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.63 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.5	30.7
279	2.9	2.0	3.0

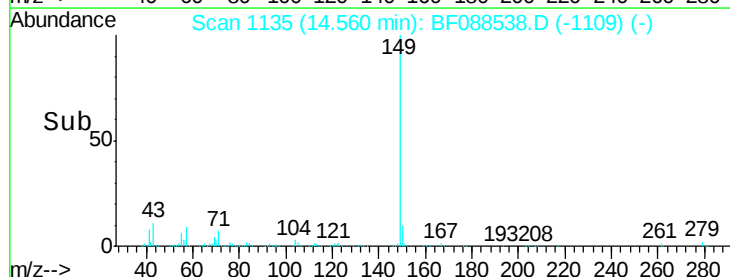
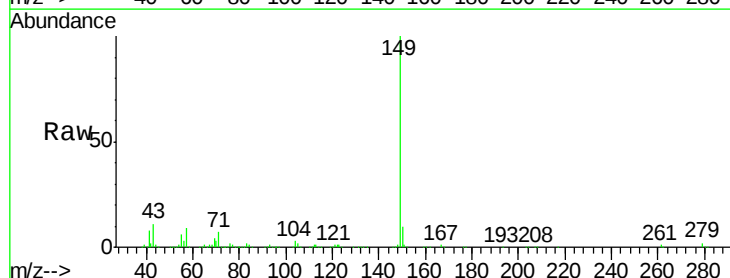
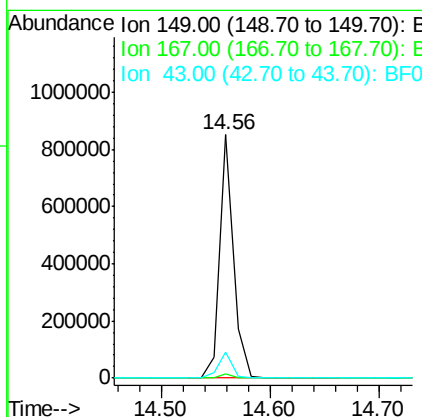
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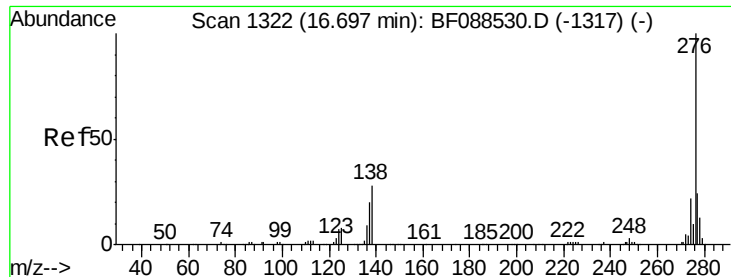
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#84
Di-n-octyl phthalate
Concen: 38.75 ng
RT: 14.56 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	10.7	0.0	0.0#





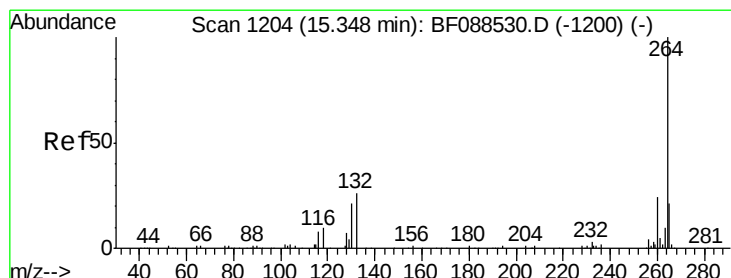
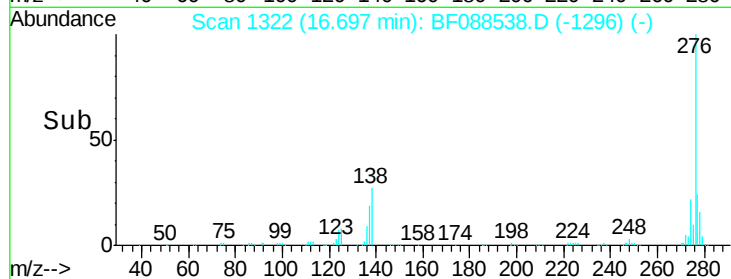
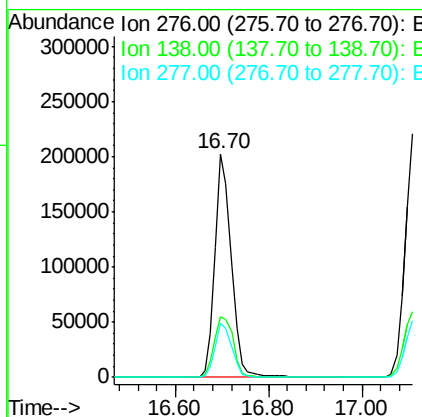
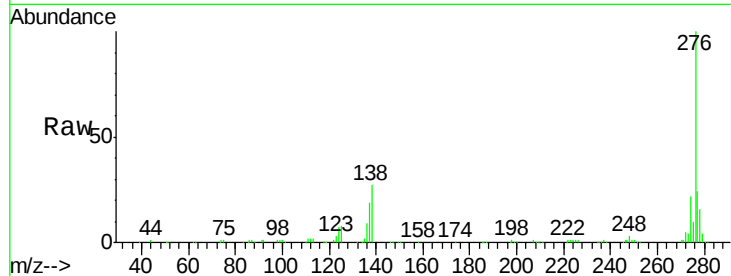
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.66 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	0.0	0.0#
277	25.0	0.0	0.0#

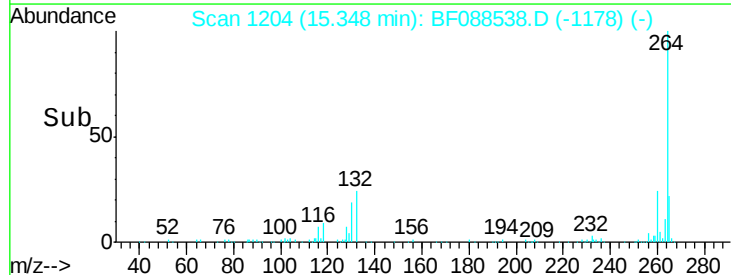
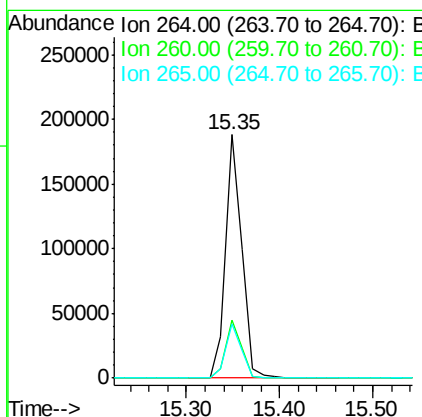
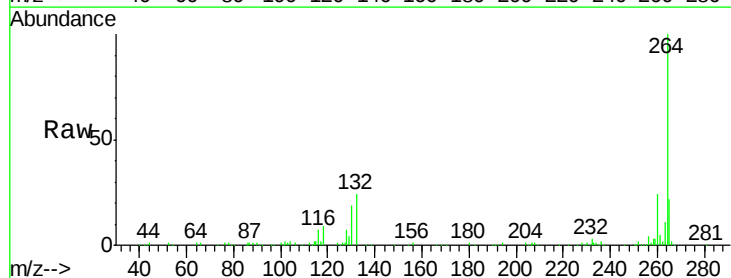
Manual Integrations

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 39.36 ng m

RT: 14.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF088538.D

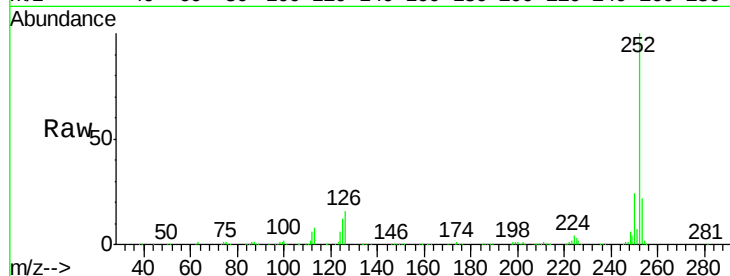
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:252 Resp: 563104

Ion Ratio Lower Upper

252 100

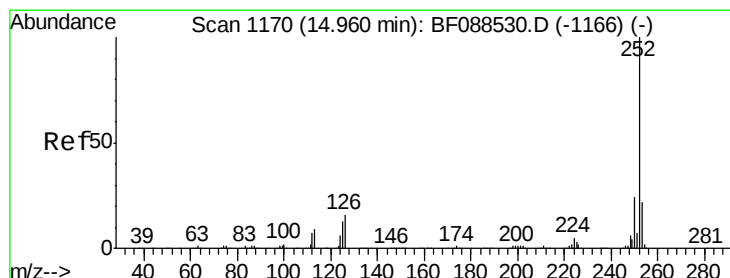
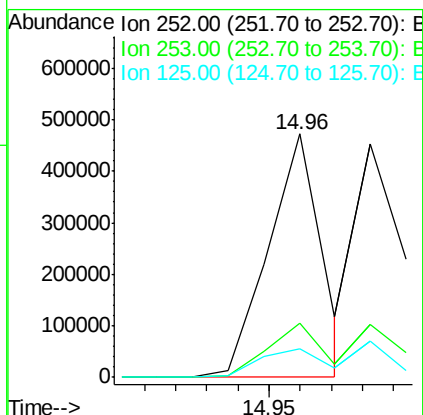
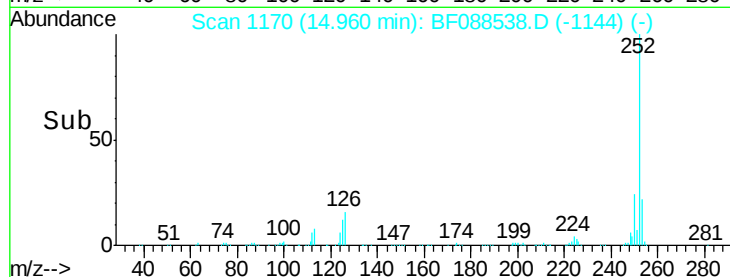
253 22.0 17.4 26.2

125 11.9 7.1 10.7#

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#88

Benzo(k)fluoranthene

Concen: 38.99 ng m

RT: 14.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

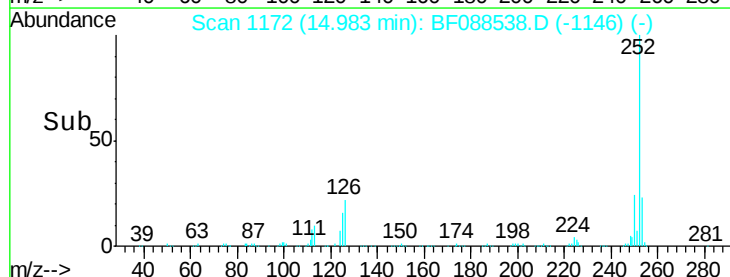
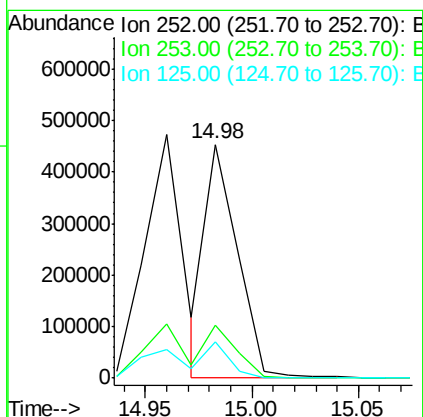
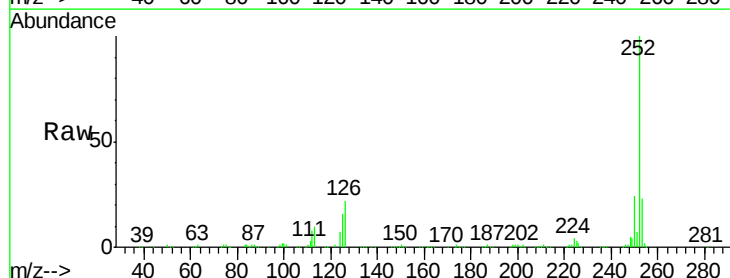
Tgt Ion:252 Resp: 485604

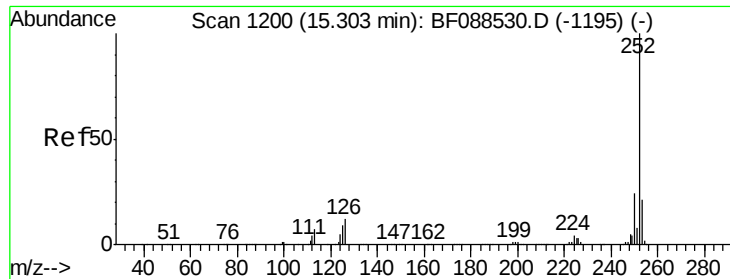
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 15.6 11.2 16.8





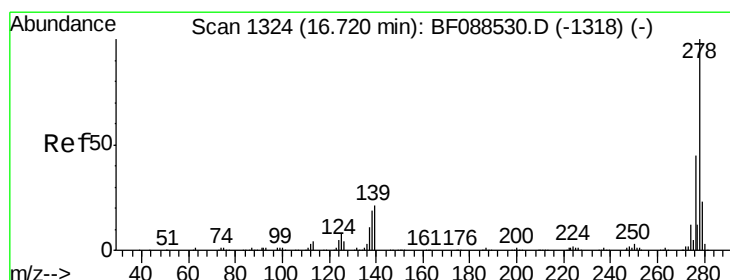
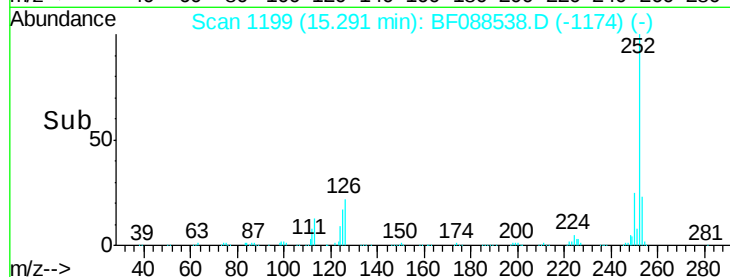
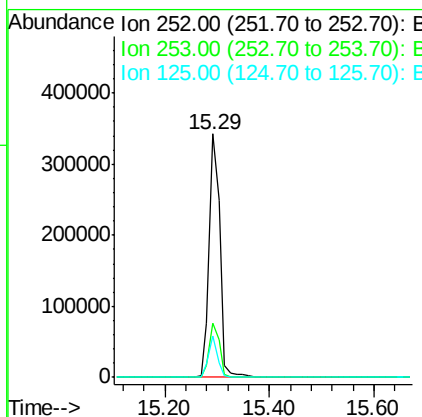
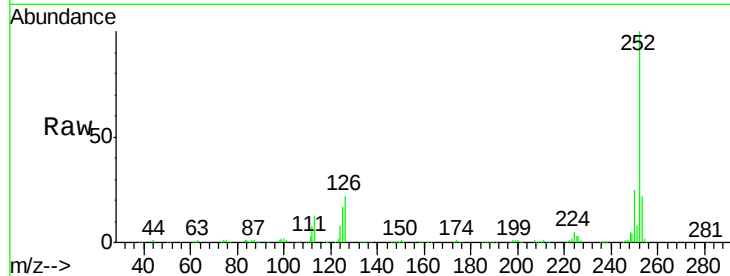
#89
Benzo(a)pyrene
Concen: 40.27 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	17.0	12.5	18.7

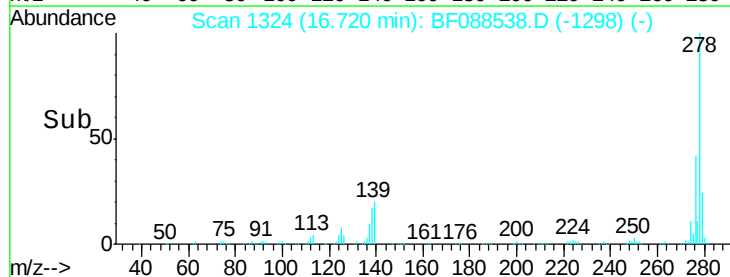
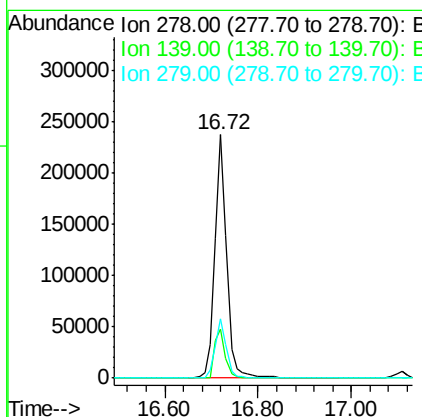
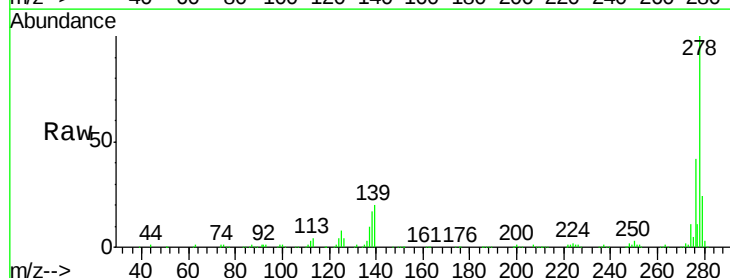
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#90
Dibenzo(a,h)anthracene
Concen: 41.55 ng
RT: 16.72 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.7	23.5
279	24.2	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 42.33 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	276	Resp:	442983
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.9	28.3
138	27.1	21.4	32.2

Manual Integrations

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