

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088541.D
 Acq On : 30 Jun 2016 20:58
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:22 AM

Quant Time: Jul 01 02:38:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157698	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	658533	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	293707	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	578455	20.00	ng	0.00
75) Chrysene-d12	13.97	240	359220	20.00	ng	0.01
86) Perylene-d12	15.36	264	364469	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1203441	114.37	ng	0.02
7) Phenol-d6	6.46	99	1486899	109.36	ng	0.01
23) Nitrobenzene-d5	7.38	82	950985	75.68	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	291770	106.98	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1528705	82.21	ng	0.01
78) Terphenyl-d14	12.91	244	1200206	74.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	166147	31.85	ng	# 29
3) Pyridine	3.18	79	499051	32.97	ng	97
4) n-Nitrosodimethylamine	3.14	42	224575	38.83	ng	88
6) Aniline	6.48	93	464541	23.44	ng	97
8) 2-Chlorophenol	6.60	128	473825	41.90	ng	93
9) Benzaldehyde	6.35	77	7097	0.77	ng	87
10) Phenol	6.47	94	656193	42.29	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	501289	43.32	ng	90
12) 1,3-Dichlorobenzene	6.75	146	419822m	33.74	ng	
13) 1,4-Dichlorobenzene	6.83	146	446126	36.12	ng	97
14) 1,2-Dichlorobenzene	6.99	146	420307	36.35	ng	98
15) Benzyl Alcohol	6.96	79	377310	37.71	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	665727	39.73	ng	91
17) 2-Methylphenol	7.07	107	379204	41.10	ng	97
18) Hexachloroethane	7.34	117	187332	39.21	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	378717	41.47	ng	90
20) 3+4-Methylphenols	7.23	107	485395	43.84	ng	# 80
22) Acetophenone	7.23	105	613059	38.36	ng	# 84
24) Nitrobenzene	7.40	77	576319	45.49	ng	90
25) Isophorone	7.64	82	959534	41.22	ng	96
26) 2-Nitrophenol	7.71	139	218208	42.00	ng	93
27) 2,4-Dimethylphenol	7.76	122	427389	39.50	ng	90
28) bis(2-Chloroethoxy)methane	7.86	93	640986	42.31	ng	# 97
29) 2,4-Dichlorophenol	7.96	162	367825	42.06	ng	90
30) 1,2,4-Trichlorobenzene	8.04	180	383477	39.96	ng	99
31) Naphthalene	8.12	128	1287244	39.65	ng	99
32) Benzoic acid	7.90	122	288876	36.77	ng	90
33) 4-Chloroaniline	8.17	127	203076	14.06	ng	97
34) Hexachlorobutadiene	8.25	225	203794	39.66	ng	98
35) Caprolactam	8.55	113	135134m	45.50	ng	
36) 4-Chloro-3-methylphenol	8.66	107	455629	44.06	ng	99
37) 2-Methylnaphthalene	8.81	142	799777	38.26	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	318885	32.64	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	345758	72.11	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	265504	41.22	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	269109	48.56	ng	97
45) 1,1'-Biphenyl	9.28	154	907142	37.30	ng	98
46) 2-Chloronaphthalene	9.30	162	739700	38.74	ng	98
47) 2-Nitroaniline	9.39	65	251399	37.10	ng	96
48) Acenaphthylene	9.71	152	1139826	37.52	ng	100
49) Dimethylphthalate	9.59	163	928729	44.38	ng	100
50) 2,6-Dinitrotoluene	9.64	165	232757	50.19	ng	92
51) Acenaphthene	9.88	154	769431	41.32	ng	99
52) 3-Nitroaniline	9.80	138	136270	23.12	ng	98
53) 2,4-Dinitrophenol	9.91	184	196393	95.91	ng	# 87
54) Dibenzofuran	10.06	168	1024223	42.02	ng	# 87
55) 4-Nitrophenol	9.96	139	393425	87.82	ng	94
56) 2,4-Dinitrotoluene	10.04	165	301866	49.78	ng	# 63
57) Fluorene	10.40	166	697616	37.14	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	190225	44.37	ng	# 49
59) Diethylphthalate	10.28	149	876561	41.74	ng	100
60) 4-Chlorophenyl-phenylether	10.40	204	348149	39.89	ng	91
61) 4-Nitroaniline	10.42	138	210773	37.15	ng	86
62) Azobenzene	10.56	77	1103888	46.09	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	121636	39.31	ng	90
65) n-Nitrosodiphenylamine	10.51	169	697790	35.64	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	214167	36.74	ng	# 75
67) Hexachlorobenzene	10.95	284	256034	39.68	ng	# 87
68) Atrazine	11.04	200	216346	35.46	ng	91
69) Pentachlorophenol	11.14	266	316045	82.76	ng	98
70) Phenanthrene	11.36	178	1293271	40.90	ng	99
71) Anthracene	11.41	178	1081253	34.39	ng	100
72) Carbazole	11.57	167	1237922	41.83	ng	98
73) Di-n-butylphthalate	11.90	149	1301703	37.82	ng	# 99
74) Fluoranthene	12.54	202	1178562	36.77	ng	98
76) Benzidine	12.66	184	486251	26.78	ng	99
77) Pyrene	12.77	202	1270924	41.73	ng	100
79) Butylbenzylphthalate	13.39	149	637341	46.91	ng	# 88
80) Benzo(a)anthracene	13.94	228	1016440	43.94	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	169000	19.43	ng	# 95
82) Chrysene	13.99	228	1032242	45.11	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	653721	42.15	ng	100
84) Di-n-octyl phthalate	14.56	149	1259200	47.79	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	831805	47.24	ng	# 100
87) Benzo(b)fluoranthene	14.96	252	1162114m	50.83	ng	
88) Benzo(k)fluoranthene	14.99	252	628534m	31.58	ng	
89) Benzo(a)pyrene	15.30	252	819221	42.32	ng	99
90) Dibenzo(a,h)anthracene	16.73	278	686974	42.50	ng	99
91) Benzo(g,h,i)perylene	17.12	276	709086	42.39	ng	99

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

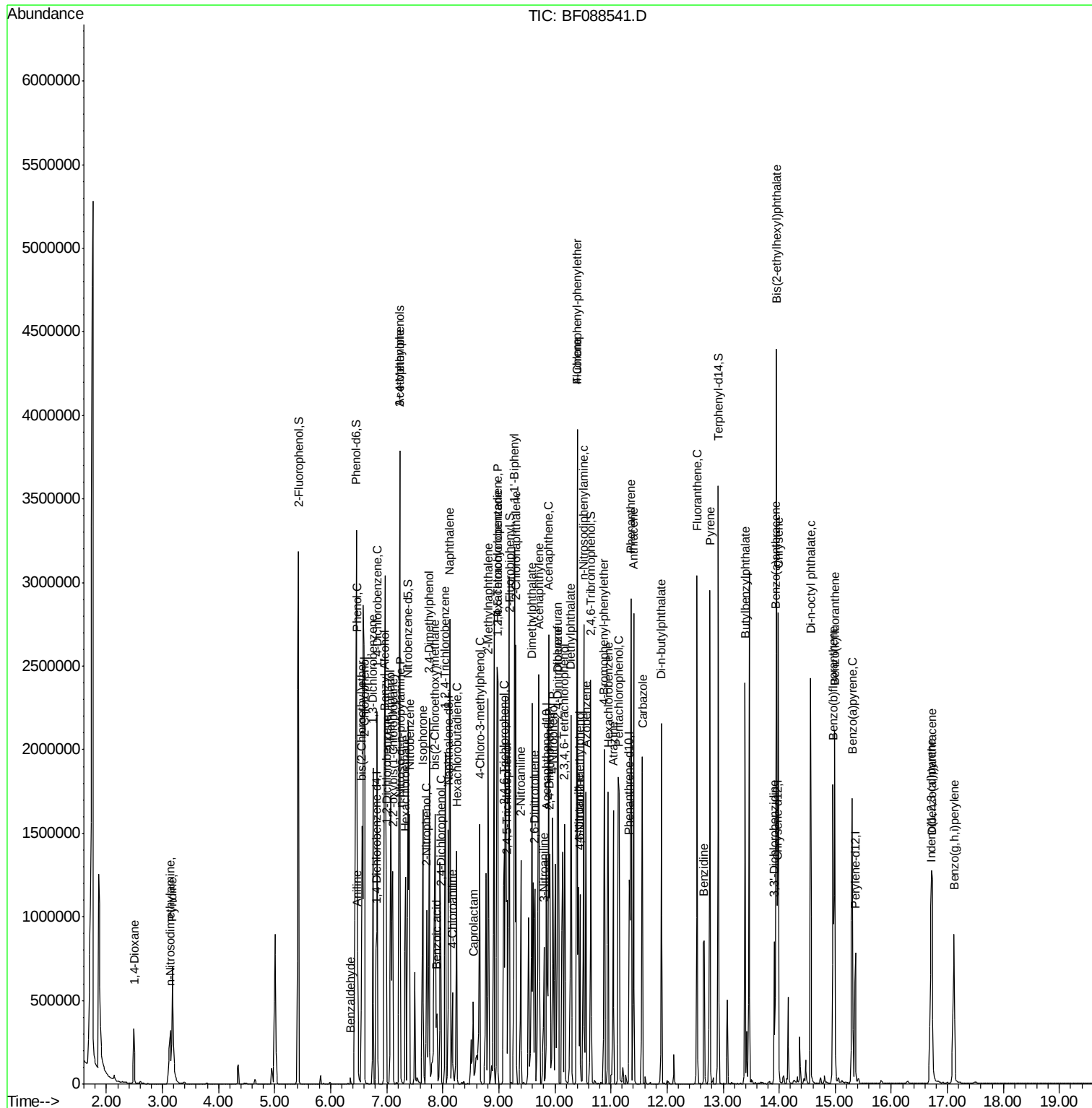
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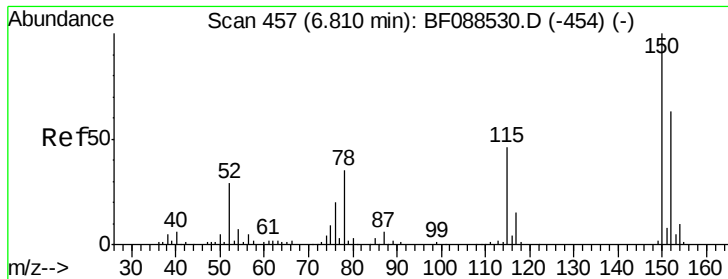
Instrument :
BNA_F
ClientSampled :
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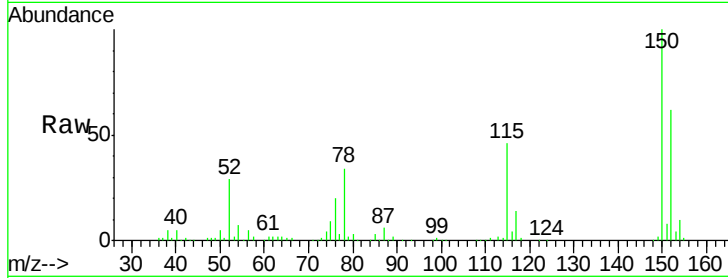




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

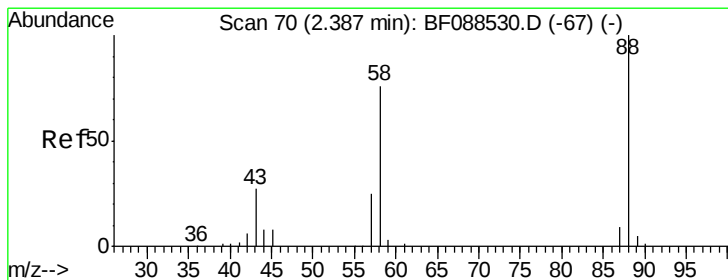
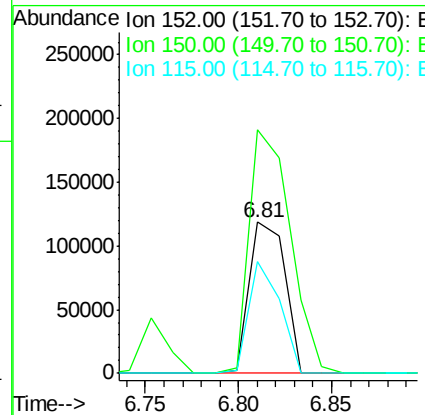
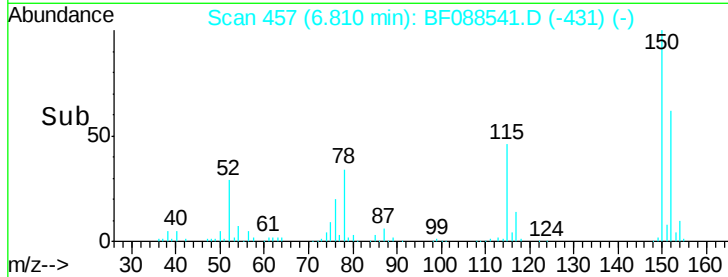
Instrument :
BNA_F
ClientSampleId :
PB91593BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.2	123.8	185.6
115	73.7	39.6	59.4

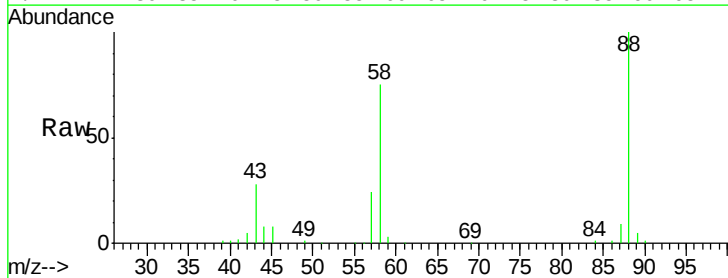
Manual Integrations

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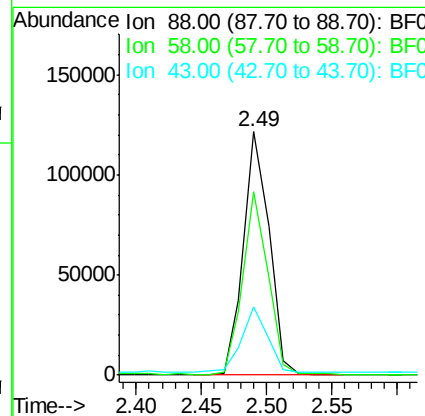
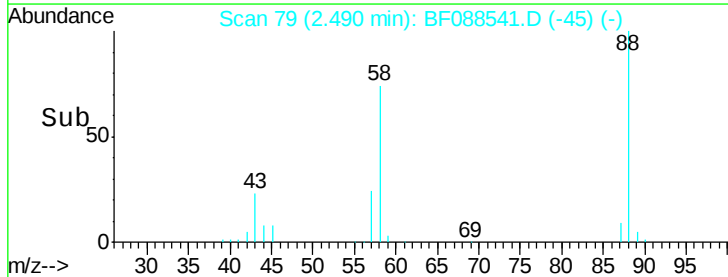


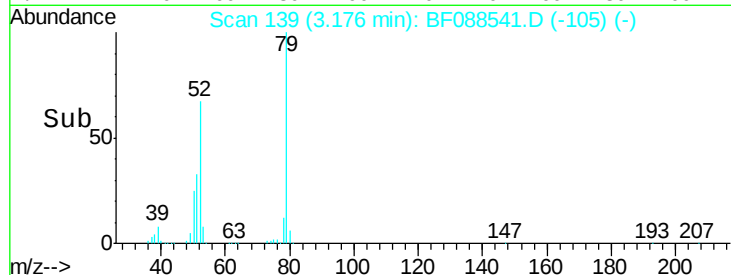
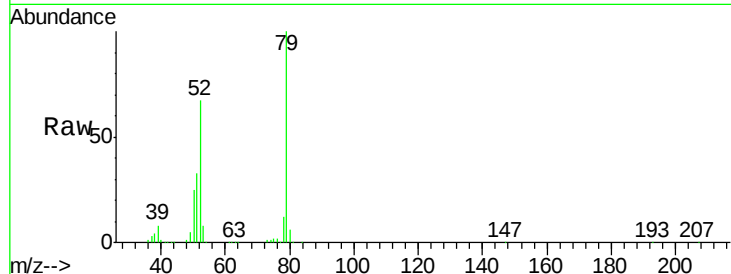
#2

1,4-Dioxane
Concen: 31.85 ng
RT: 2.49 min Scan# 79
Delta R.T. 0.09 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58



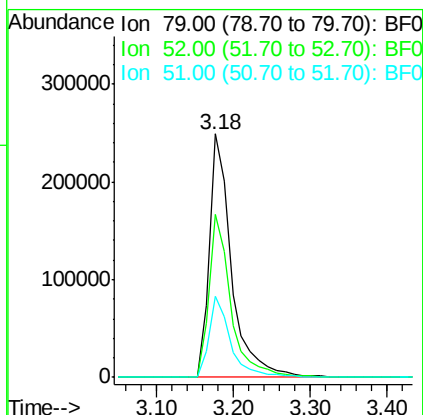
Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	0.0	0.0
43	27.6	3.4	5.2





#3
 Pyridine
 Concen: 32.97 ng
 RT: 3.18 min Scan# 139
 Delta R.T. 0.09 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

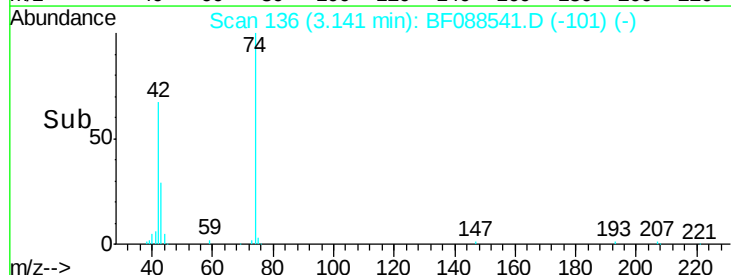
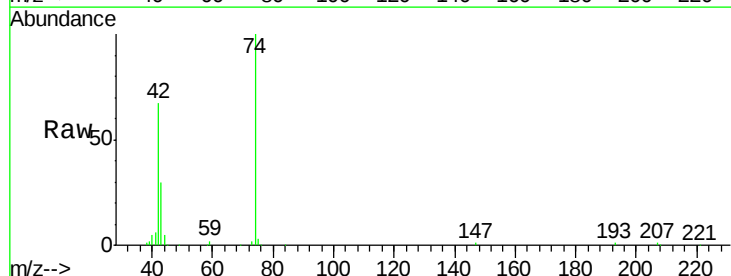
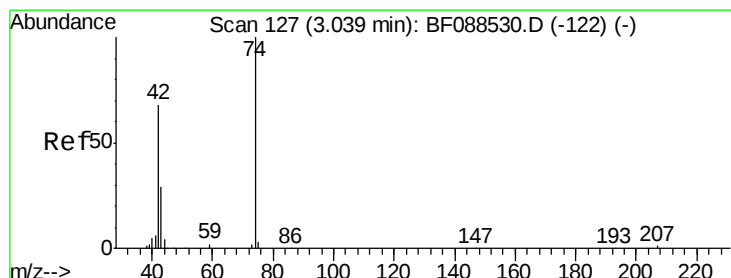
Tgt Ion	Ratio	Lower	Upper
79	100		
52	67.0	56.3	84.5
51	33.3	27.4	41.2



Instrument :
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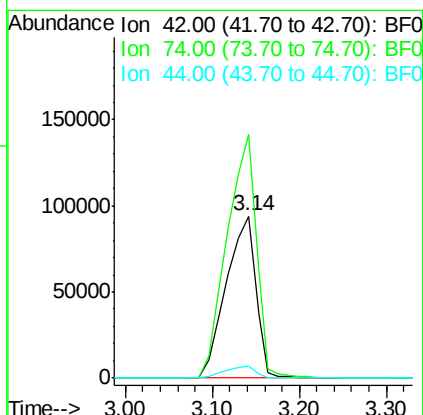
Manual Integrations

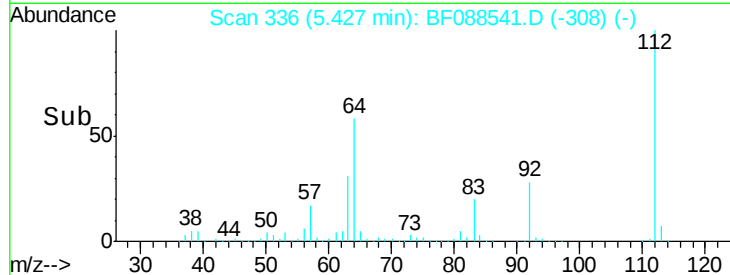
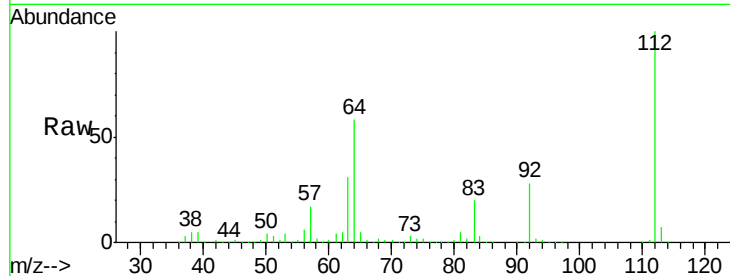
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#4
 n-Nitrosodimethylamine
 Concen: 38.83 ng
 RT: 3.14 min Scan# 136
 Delta R.T. 0.10 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.3	108.6	163.0
44	7.2	5.5	8.3





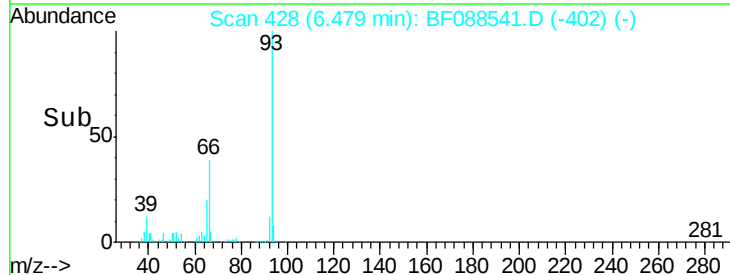
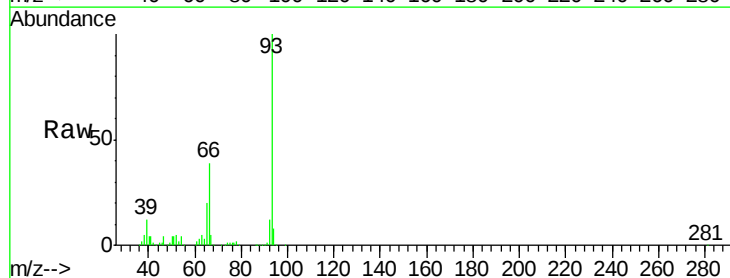
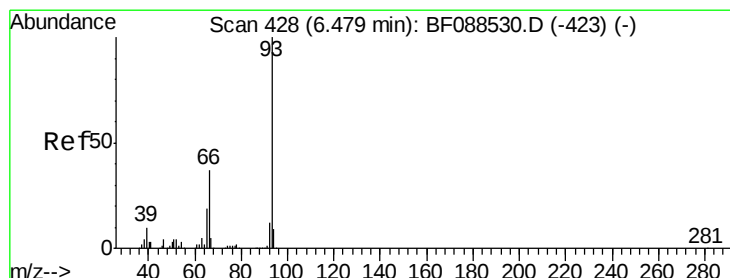
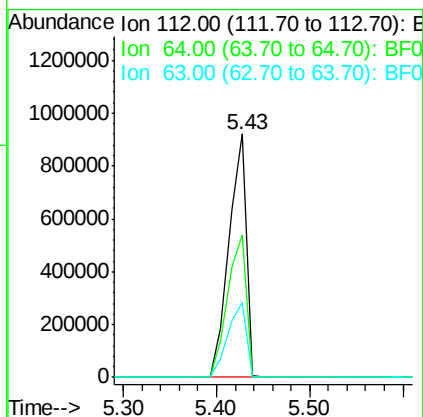
#5
2-Fluorophenol
Concen: 114.37 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.02 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.2	63.2
63	30.5	21.8	32.8

Instrument :
BNA_F
ClientSampleId :
PB91593BS

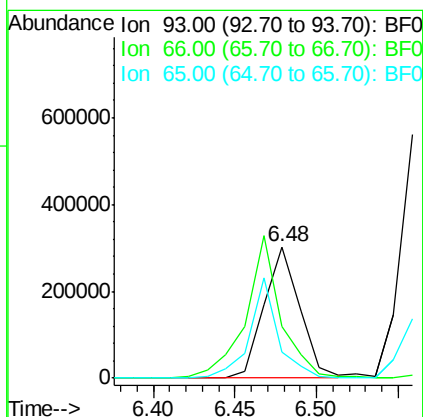
Manual Integrations

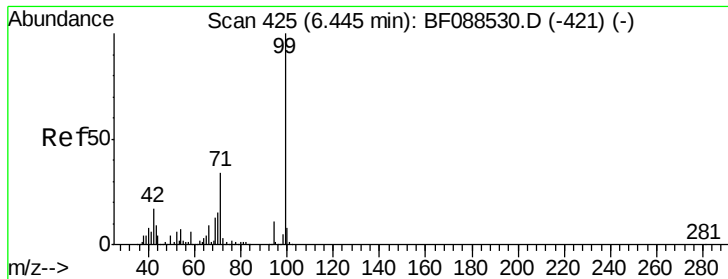
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#6
Aniline
Concen: 23.44 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.4	29.8	44.8
65	19.8	14.9	22.3





#7

Phenol-d6

Concen: 109.36 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088541.D

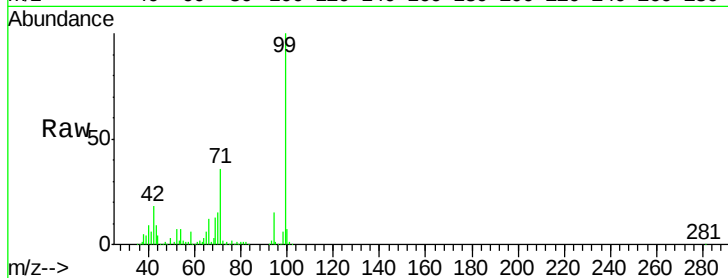
Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS



Tgt Ion: 99 Resp: 1486899

Ion Ratio Lower Upper

99 100

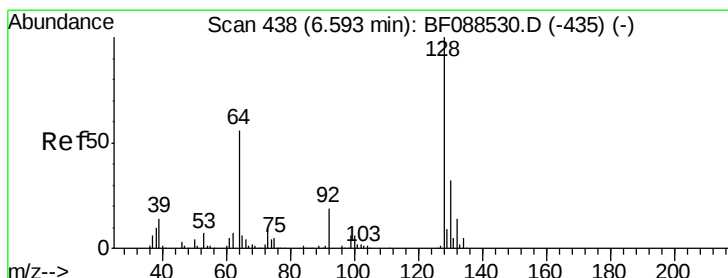
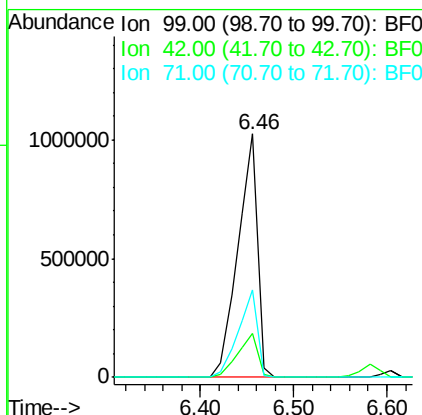
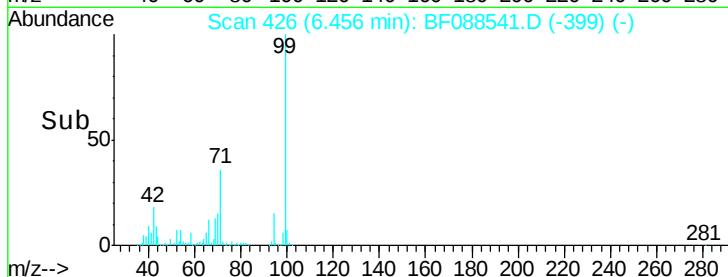
42 17.9 12.2 18.2

71 35.7 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.90 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

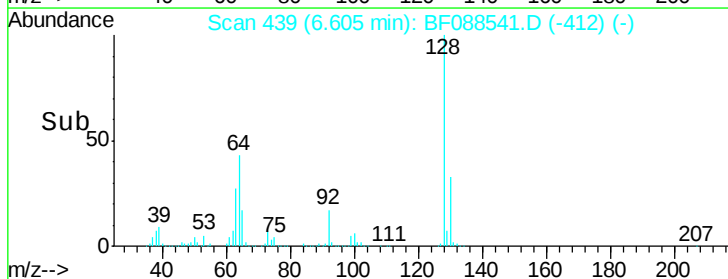
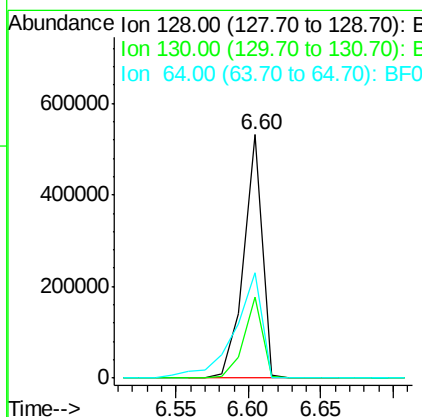
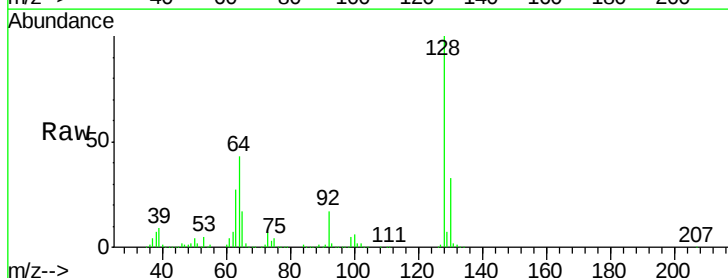
Tgt Ion: 128 Resp: 473825

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 43.2 30.8 70.8





#9

Benzaldehyde

Concen: 0.77 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088541.D

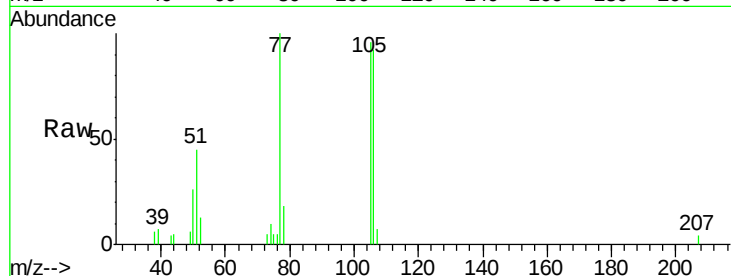
Acq: 30 Jun 2016 20:58

Instrument :

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ClientSampleId :

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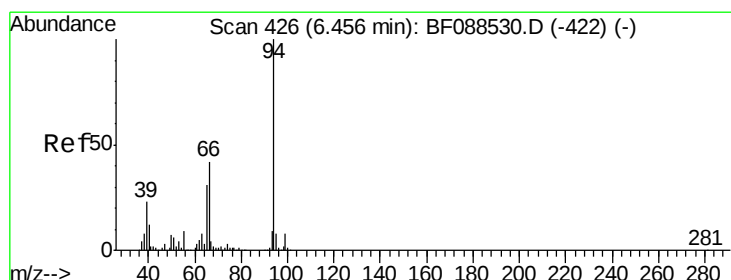
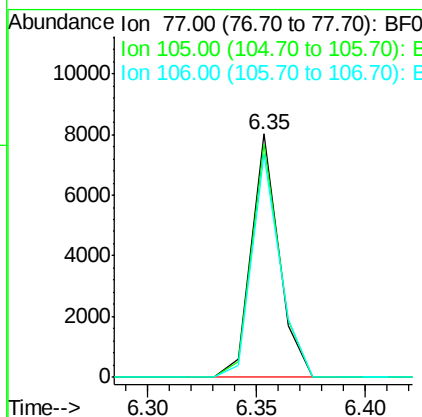
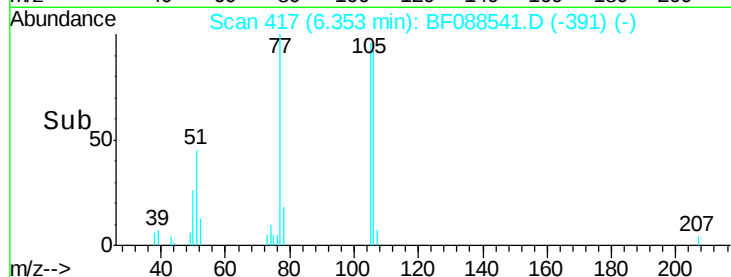


Tgt Ion:	77	Resp:	7097
Ion	Ratio	Lower	Upper
77	100		
105	95.9	90.6	130.6
106	91.9	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 42.29 ng

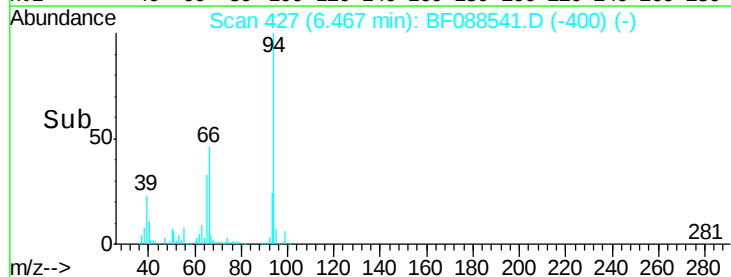
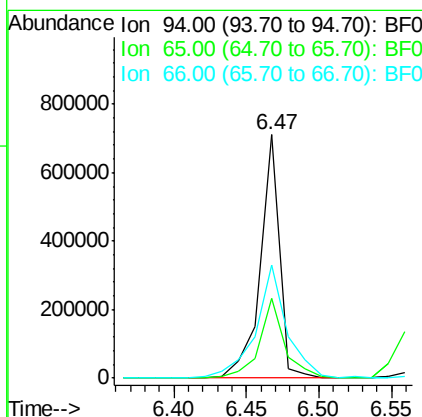
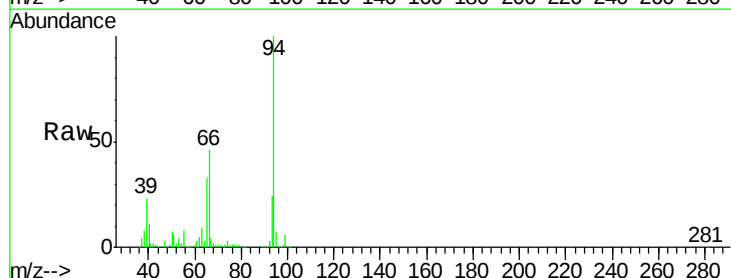
RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion:	94	Resp:	656193
Ion	Ratio	Lower	Upper
94	100		
65	32.5	5.9	45.9
66	46.3	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 43.32 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion: 93 Resp: 501289

Ion Ratio Lower Upper

93 100

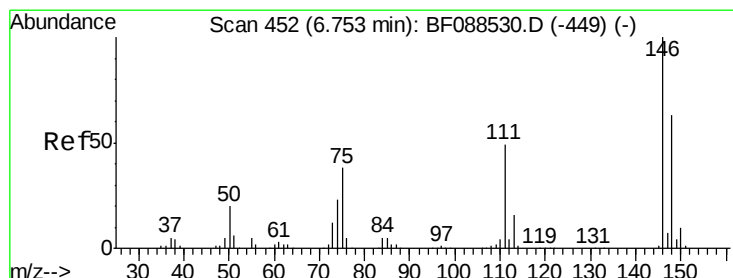
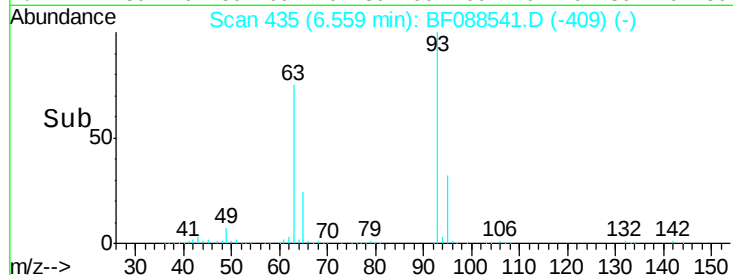
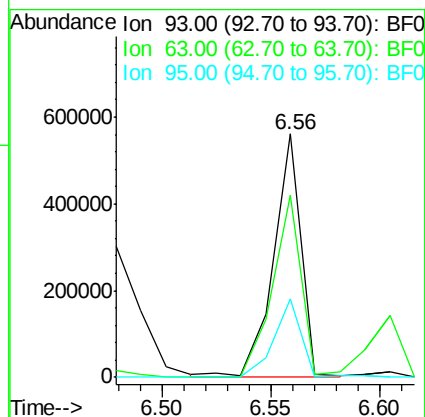
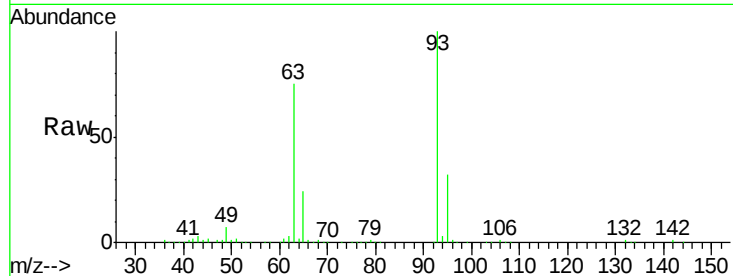
63 74.7 67.6 107.6

95 32.4 12.5 52.5

Manual Integrations

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7/1/2016 8:05:22 AM



#12

1,3-Dichlorobenzene

Concen: 33.74 ng m

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

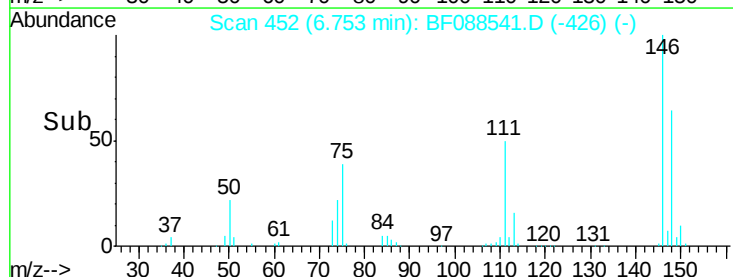
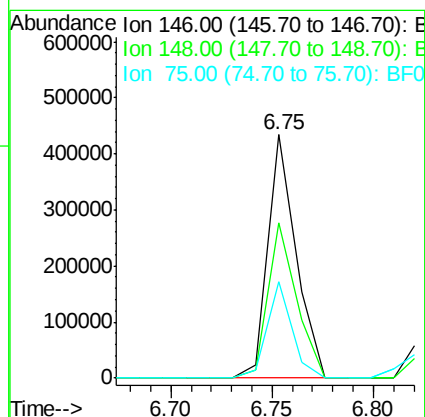
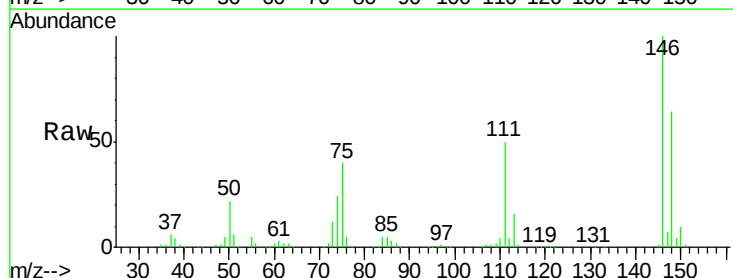
Tgt Ion: 146 Resp: 419822

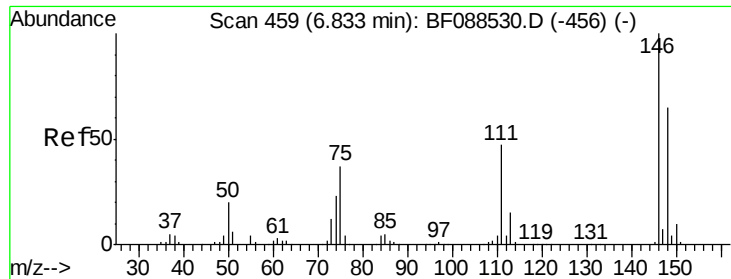
Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

75 39.6 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 36.12 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

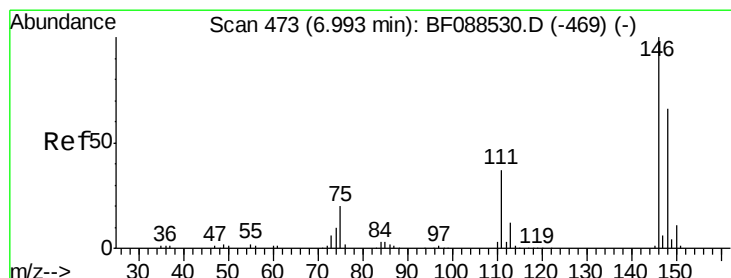
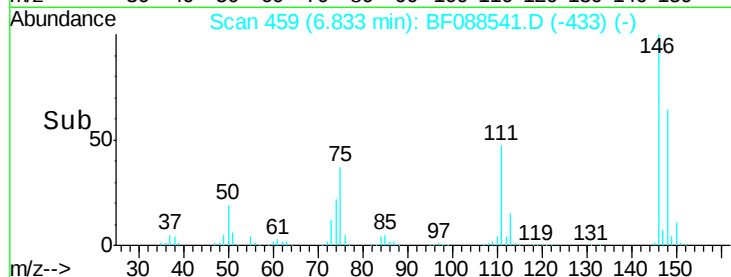
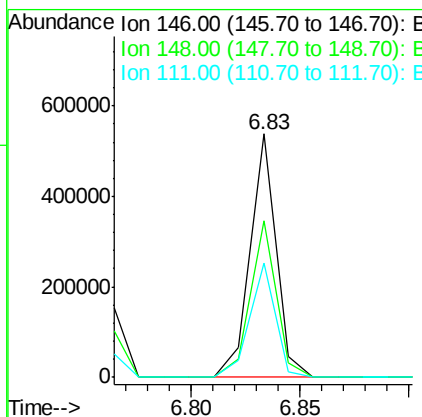
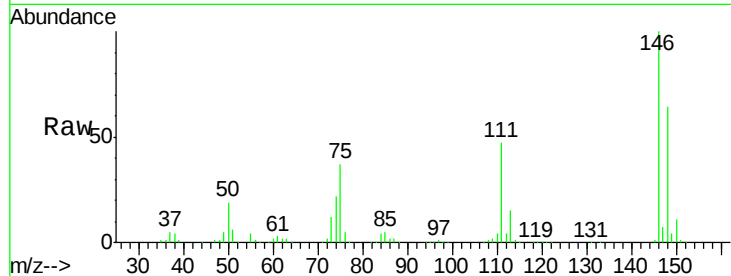
PB91593BS

Tgt Ion:	146	Resp:	446126
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.0	78.0
111	46.7	33.8	50.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 36.35 ng

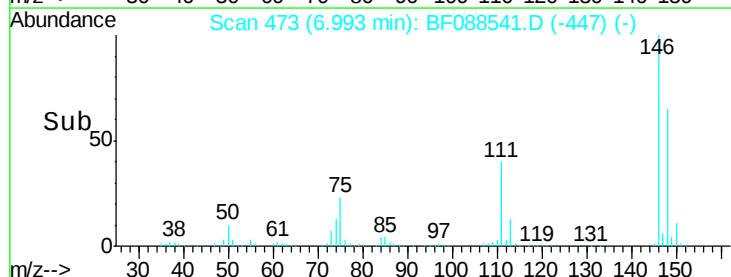
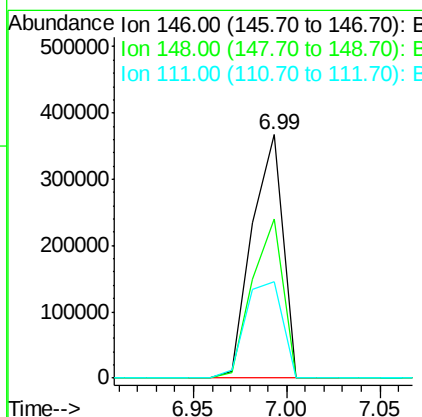
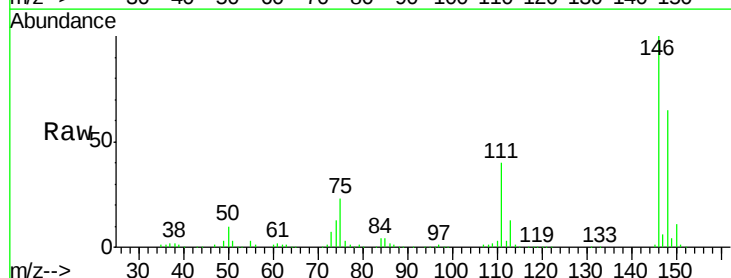
RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion:	146	Resp:	420307
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.3	78.5
111	39.6	28.7	43.1





#15

Benzyl Alcohol

Concen: 37.71 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion: 79 Resp: 377310

Ion Ratio Lower Upper

79 100

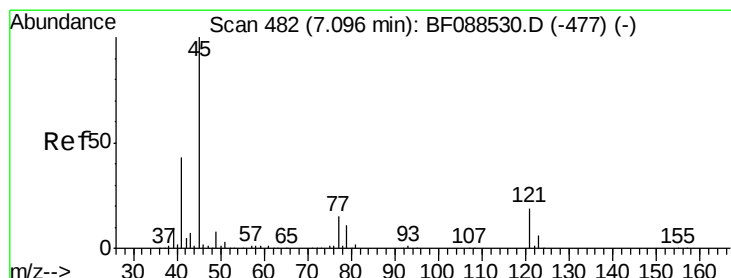
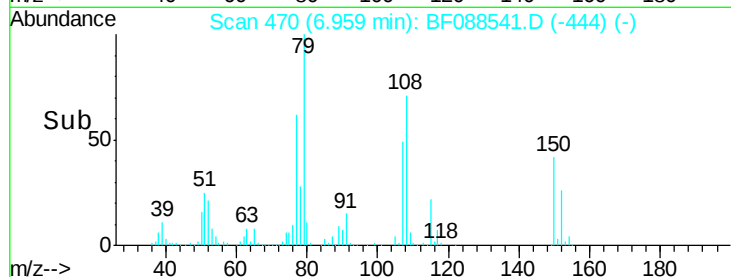
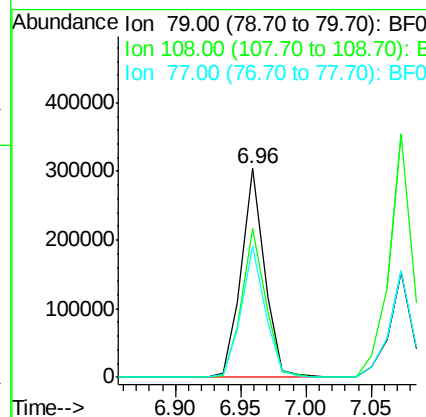
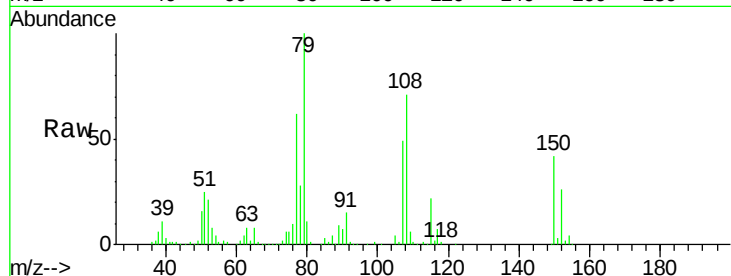
108 71.5 65.0 97.6

77 62.5 50.3 75.5

Manual Integrations

SOHIL

7/1/2016 8:05:22 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.73 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

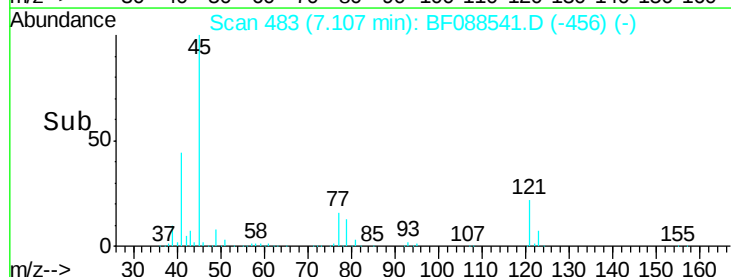
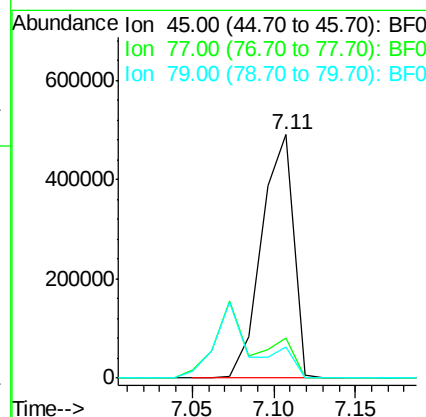
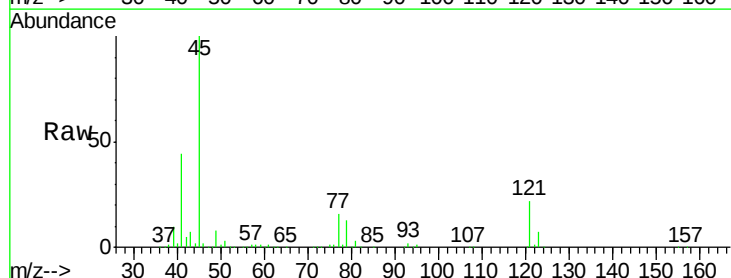
Tgt Ion: 45 Resp: 665727

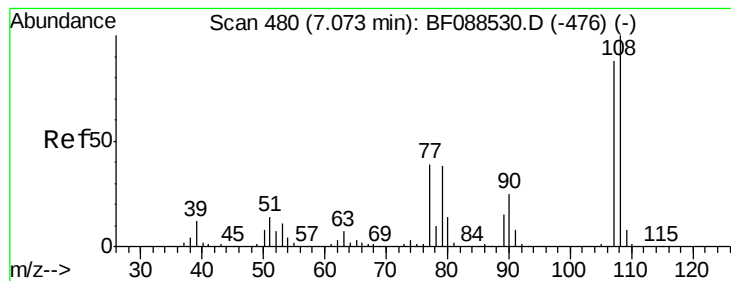
Ion Ratio Lower Upper

45 100

77 16.3 0.0 32.5

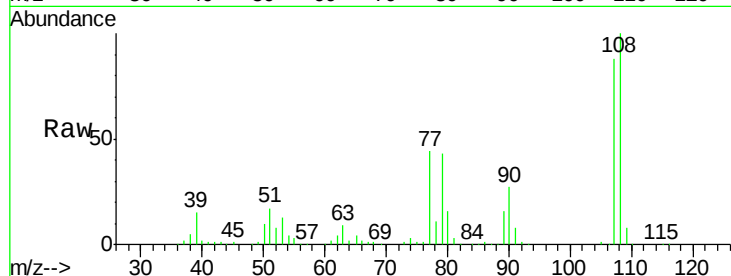
79 12.8 0.0 29.5





#17
2-Methylphenol
Concen: 41.10 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

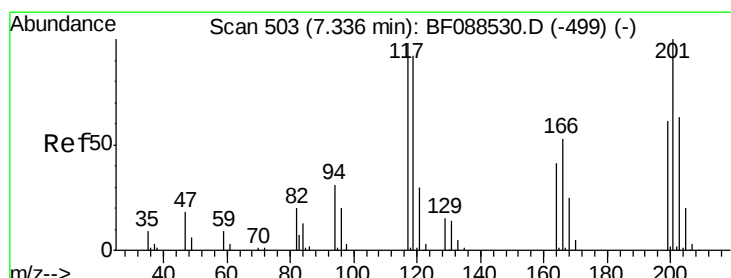
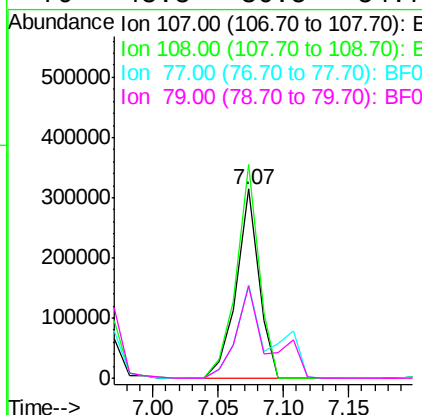
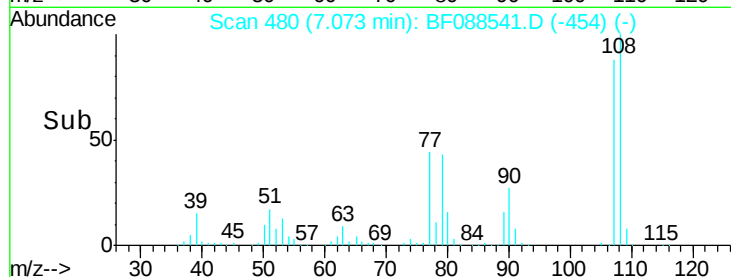
Instrument :
BNA_F
ClientSampleId :
PB91593BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	379204		
108	113.1	90.9	136.3	
77	49.4	36.6	55.0	
79	48.8	36.5	54.7	

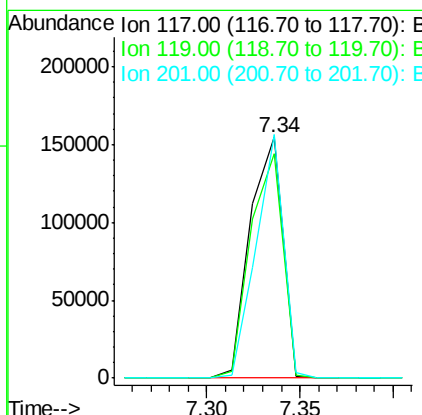
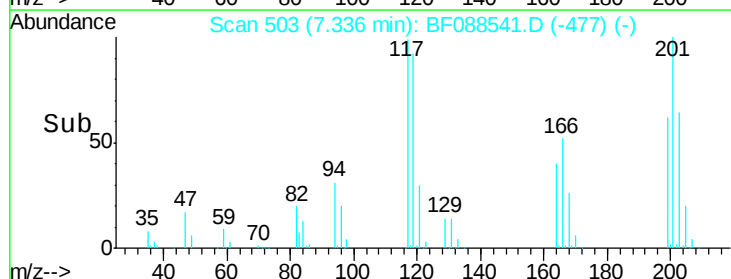
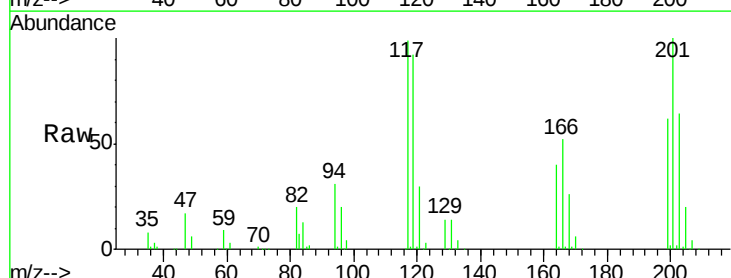
Manual Integrations

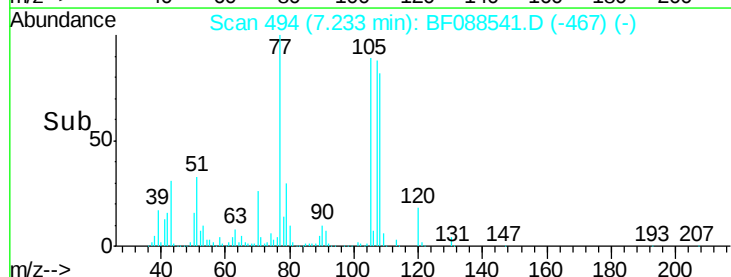
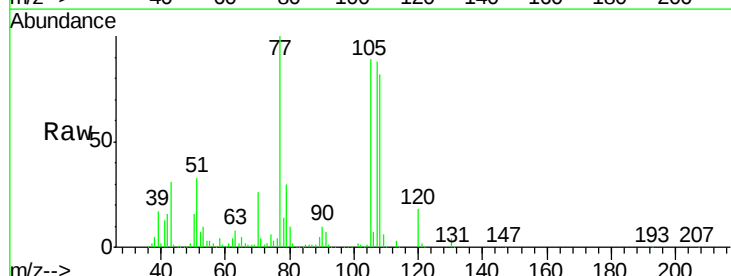
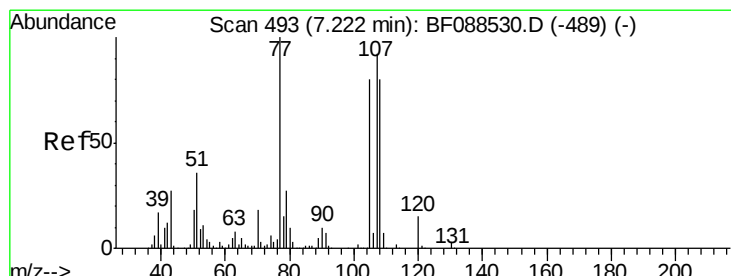
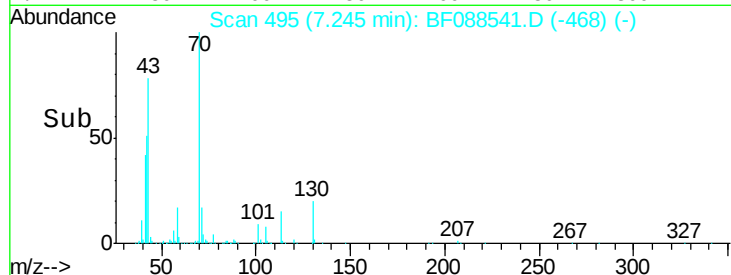
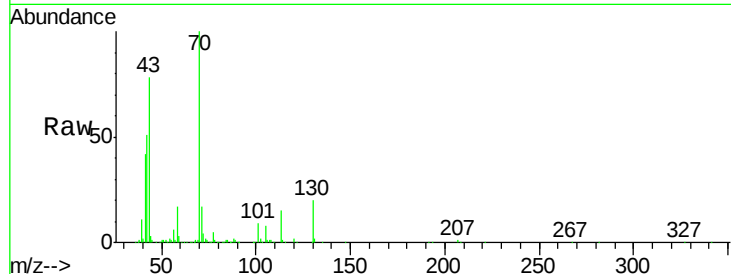
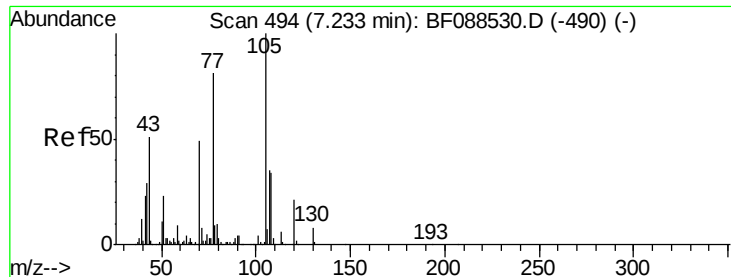
APPROVED
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#18
Hexachloroethane
Concen: 39.21 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

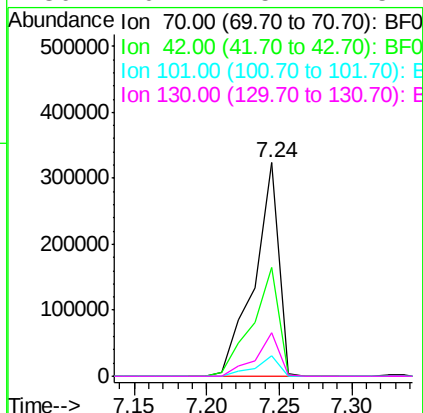
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	187332		
119	93.0	77.4	116.2	
201	101.2	80.4	120.6	





#19
n-Nitroso-di-n-propylamine
Concen: 41.47 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.0	49.6	74.4
101	9.3	7.1	10.7
130	20.2	15.4	23.2



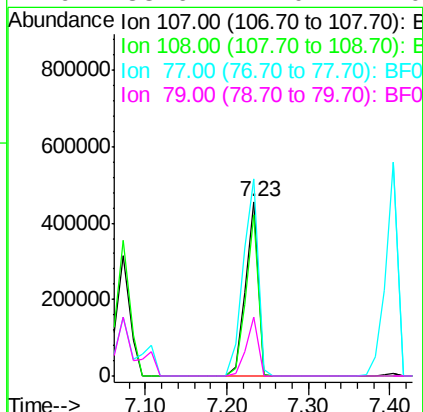
Instrument :
BNA_F
ClientSampleId :
PB91593BS

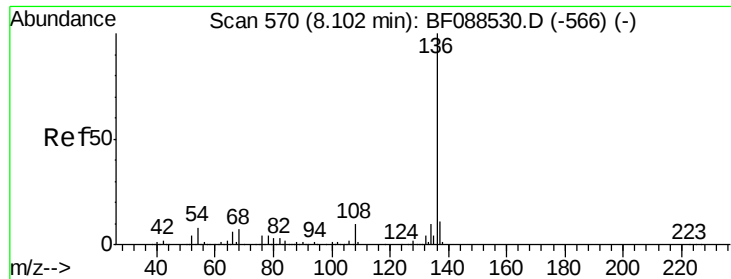
Manual Integrations

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#20
3+4-Methylphenols
Concen: 43.84 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	67.8	107.8
77	113.2	59.3	99.3#
79	33.6	7.0	47.0





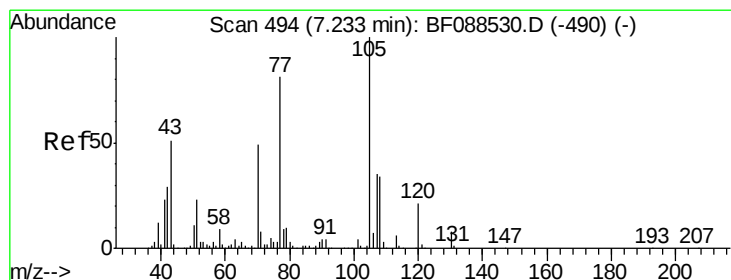
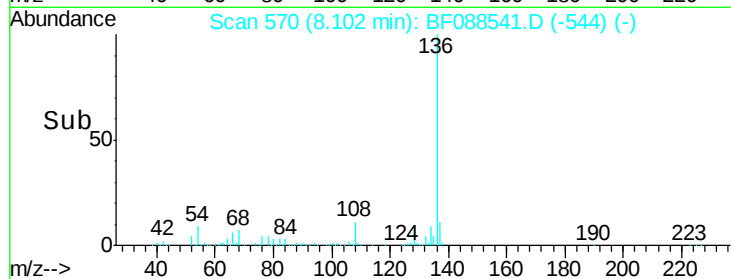
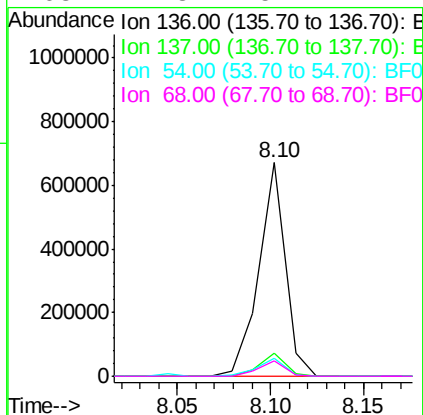
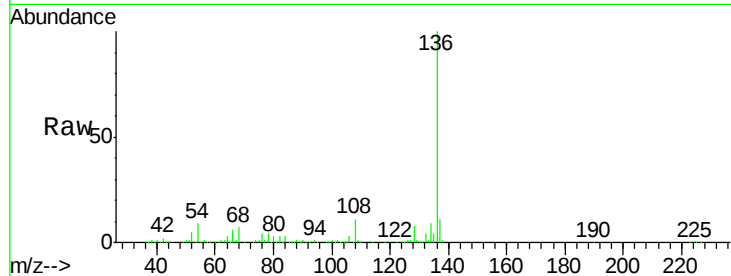
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	658533		
137	10.9	9.1	13.7	
54	8.5	6.6	10.0	
68	7.3	5.1	7.7	

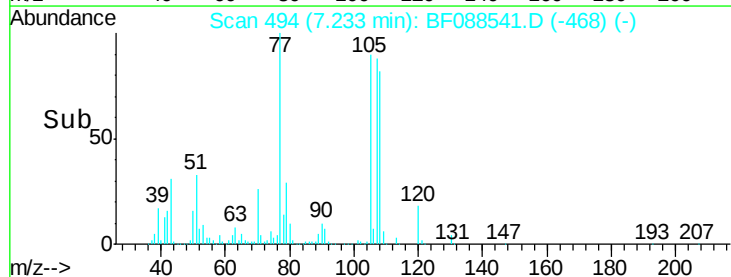
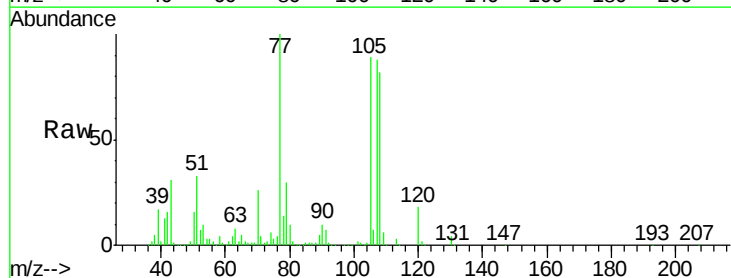
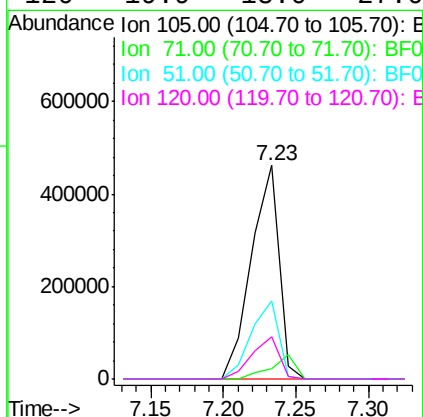
Manual Integrations

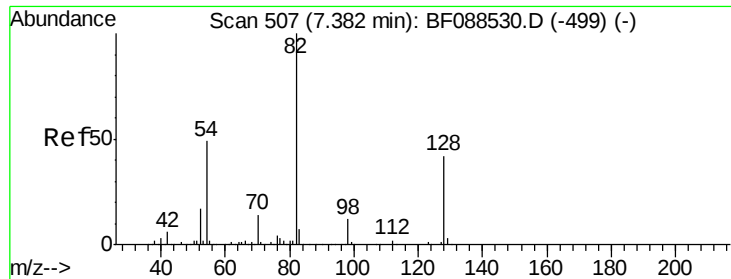
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#22
Acetophenone
Concen: 38.36 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	613059		
71	5.0	5.3	7.9#	
51	36.8	18.2	27.4#	
120	19.9	18.0	27.0	





#23

Nitrobenzene-d5

Concen: 75.68 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

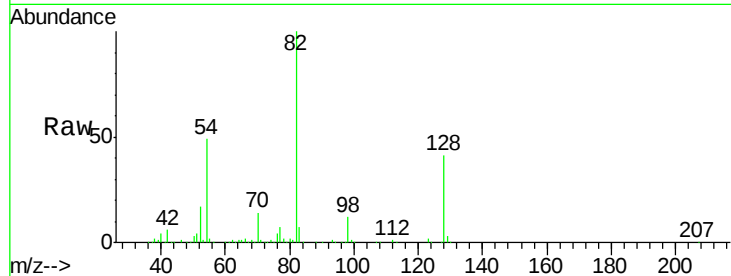
PB91593BS

Tgt Ion:	82	Resp:	950985
Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.9	53.9
54	49.3	40.9	61.3

Manual Integrations

SOHIL

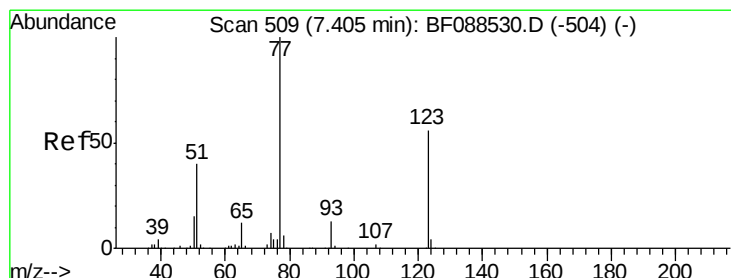
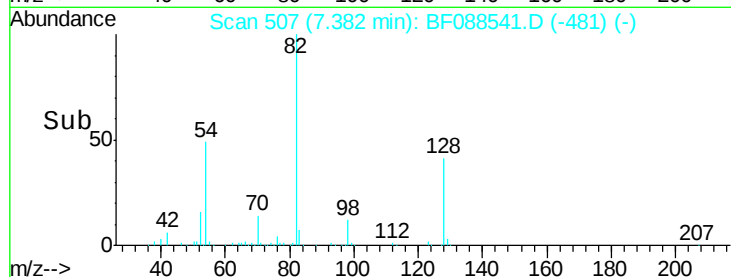
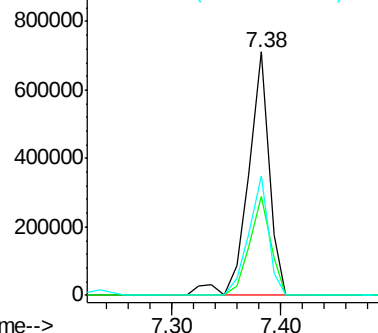
7/1/2016 8:05:22 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 45.49 ng

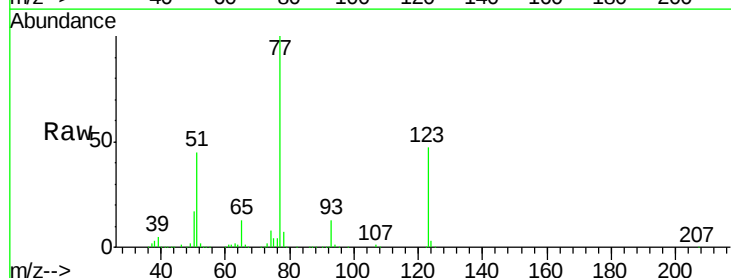
RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

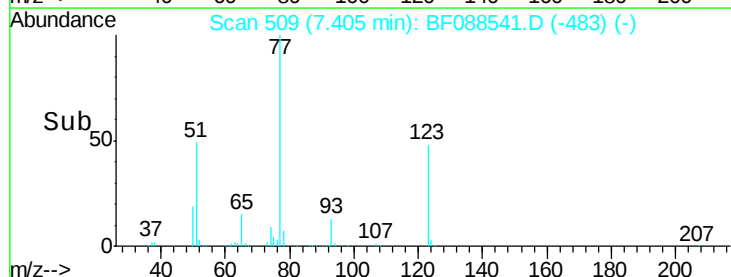
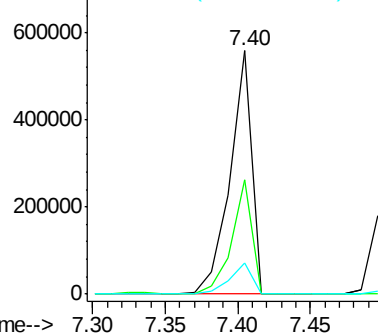
Tgt Ion:	77	Resp:	576319
Ion	Ratio	Lower	Upper
77	100		
123	47.2	45.0	67.4
65	13.0	10.2	15.2

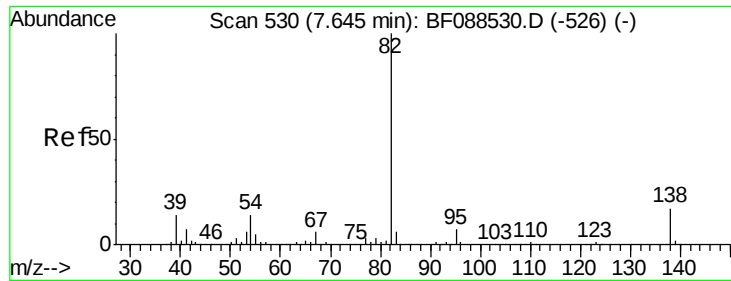


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.22 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088541.D

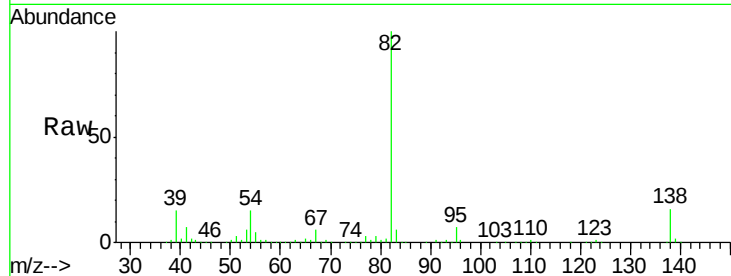
Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

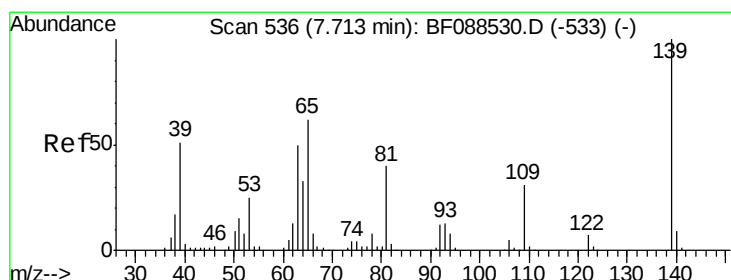
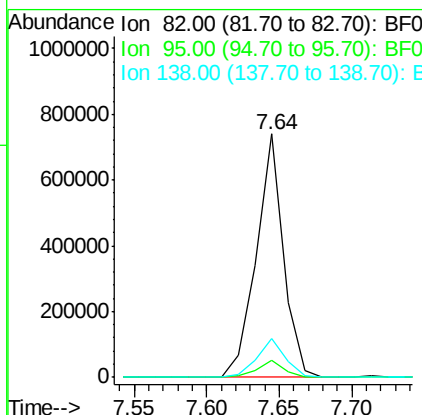
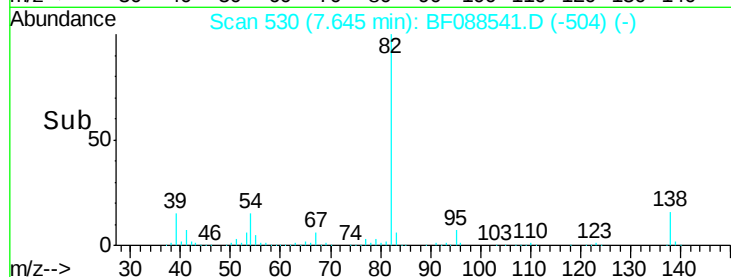


Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	16.0	14.6	21.8

Manual Integrations

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7/1/2016 8:05:22 AM



#26

2-Nitrophenol

Concen: 42.00 ng

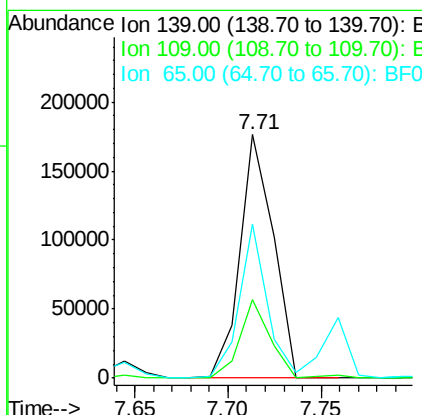
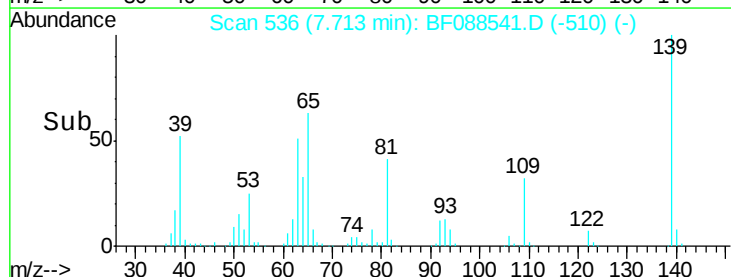
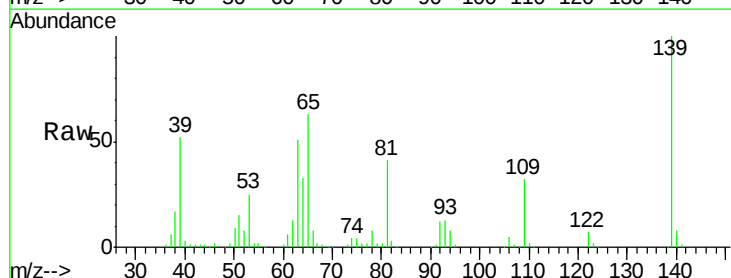
RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.0	23.0	34.4
65	63.2	45.8	68.8





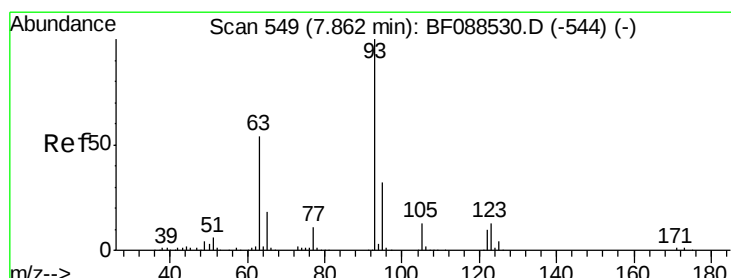
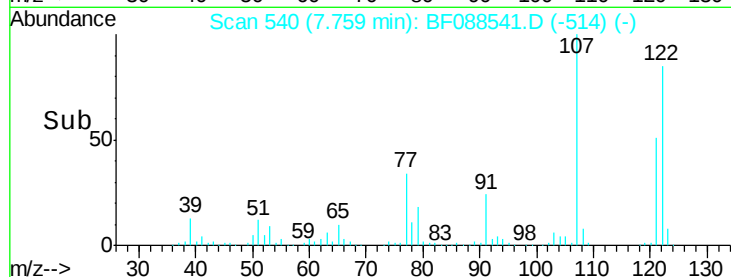
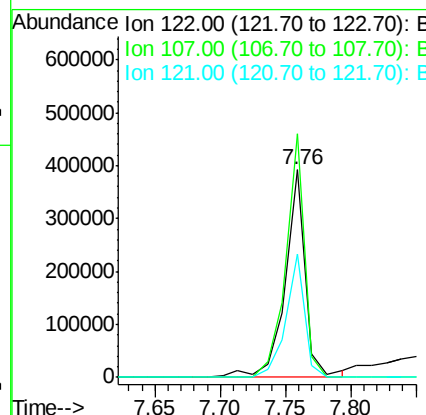
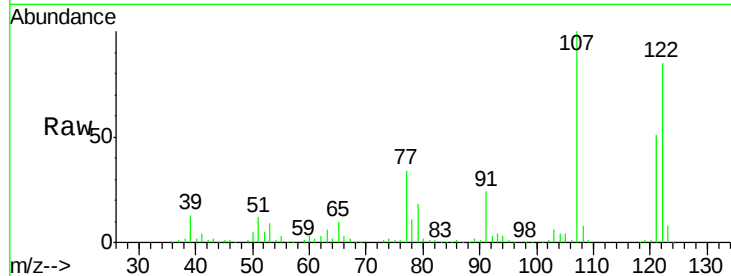
#27
 2,4-Dimethylphenol
 Concen: 39.50 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	82.4	123.6
121	59.7	46.3	69.5

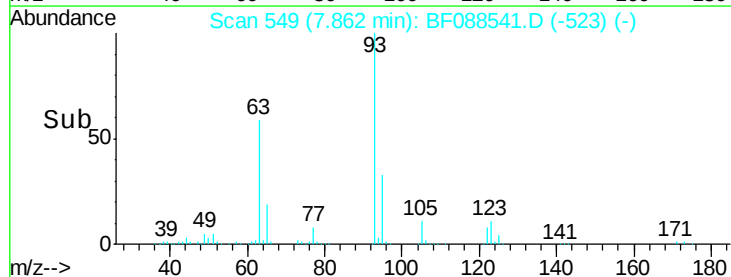
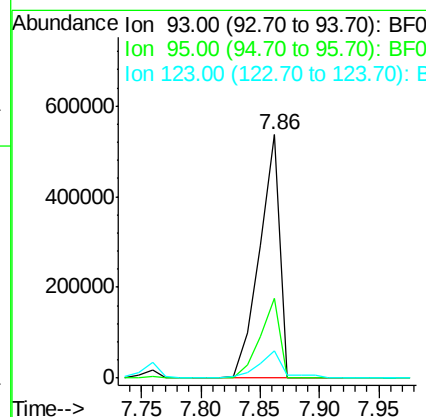
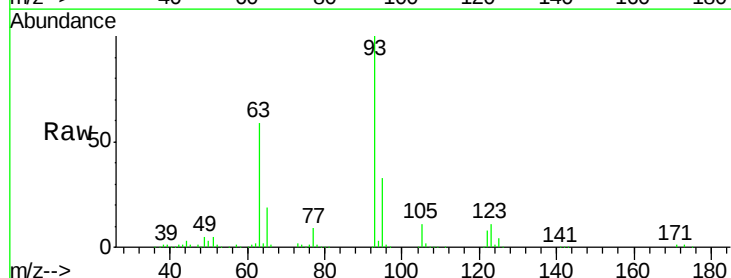
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.31 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.5	11.6	17.4#





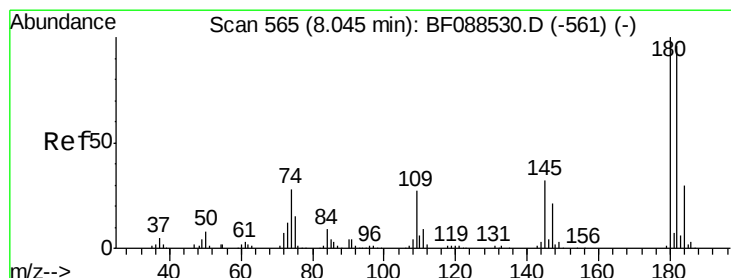
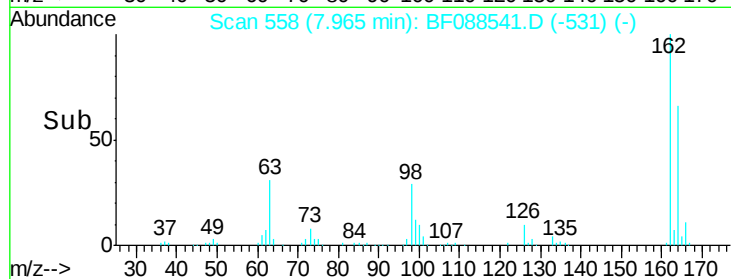
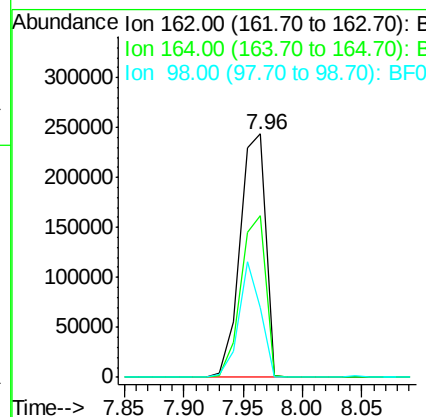
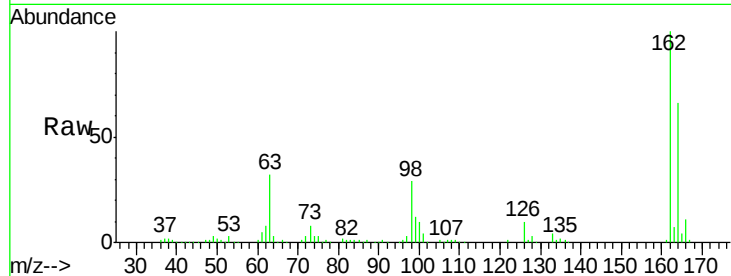
#29
 2,4-Dichlorophenol
 Concen: 42.06 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.8	83.8
98	28.7	21.3	61.3

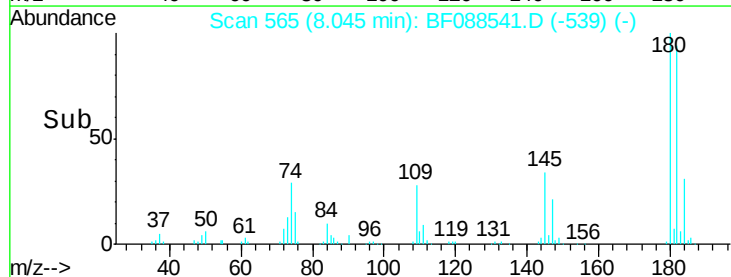
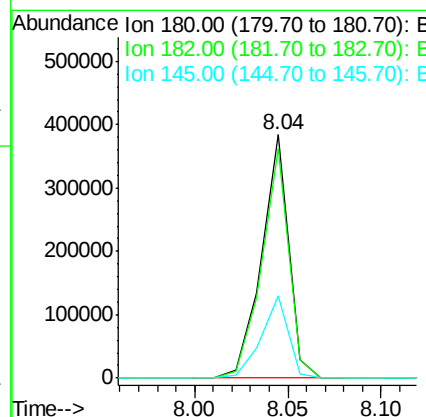
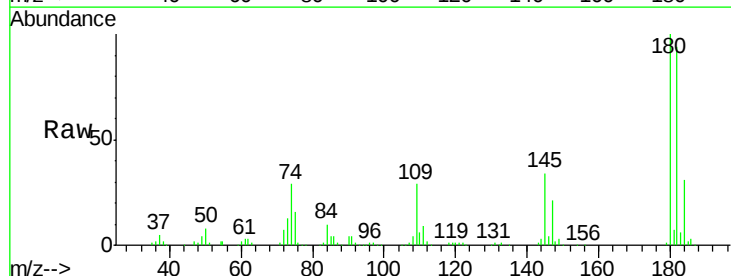
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.96 ng
 RT: 8.04 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	34.0	26.5	39.7





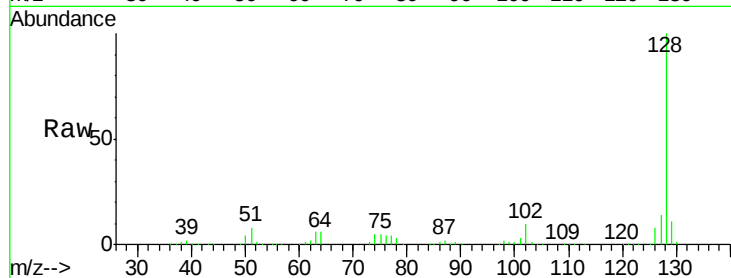
#31
Naphthalene
Concen: 39.65 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

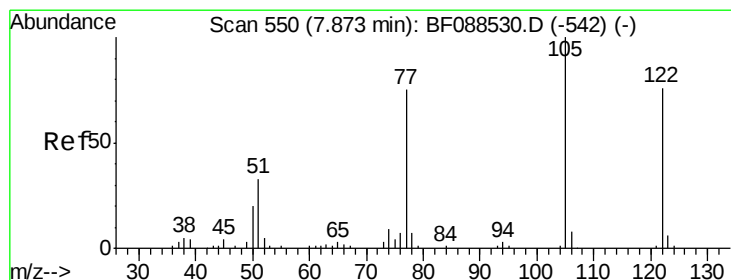
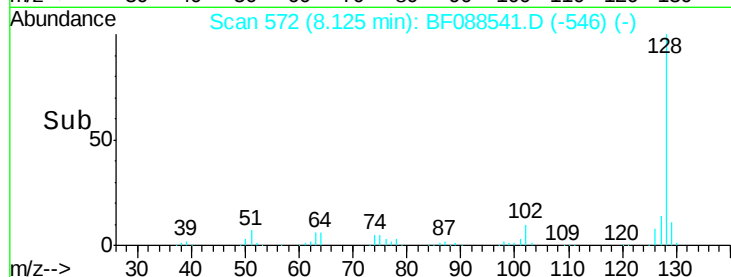
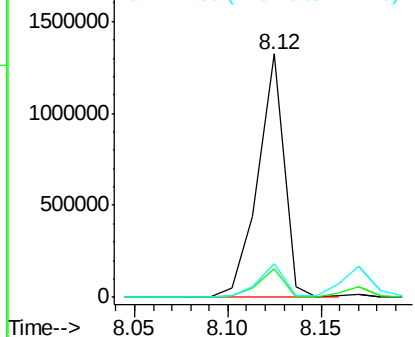
Tgt Ion:128 Resp: 1287244
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.9 10.9 16.3

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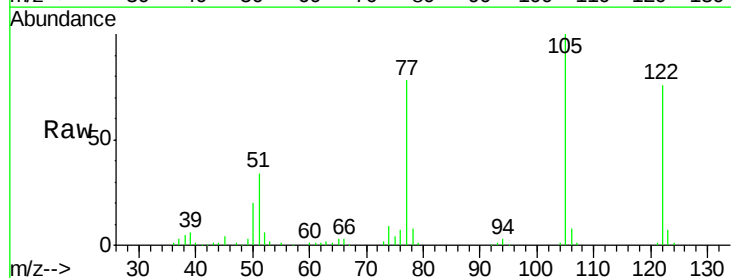


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

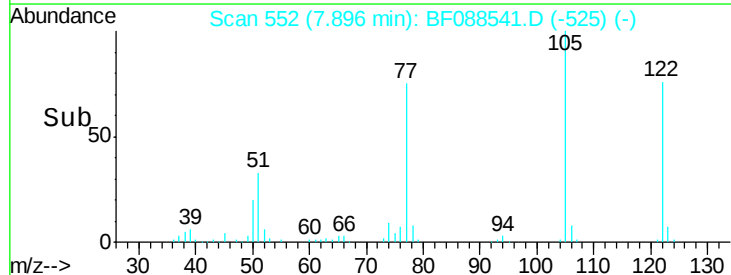
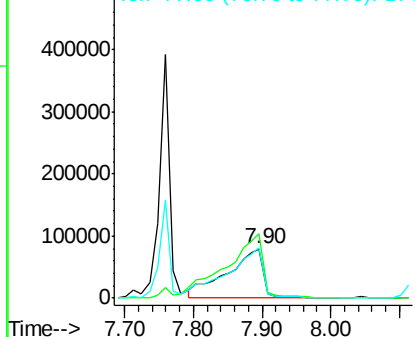


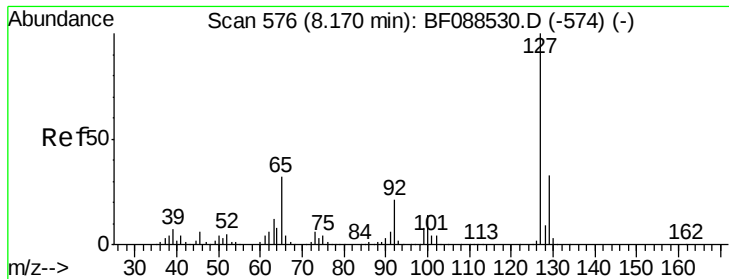
#32
Benzoic acid
Concen: 36.77 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion:122 Resp: 288876
Ion Ratio Lower Upper
122 100
105 130.9 101.6 141.6
77 101.6 70.6 110.6



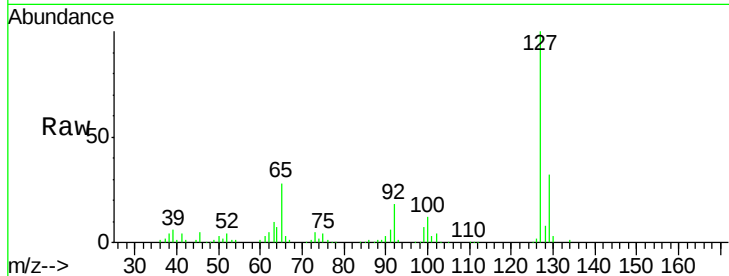
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 14.06 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

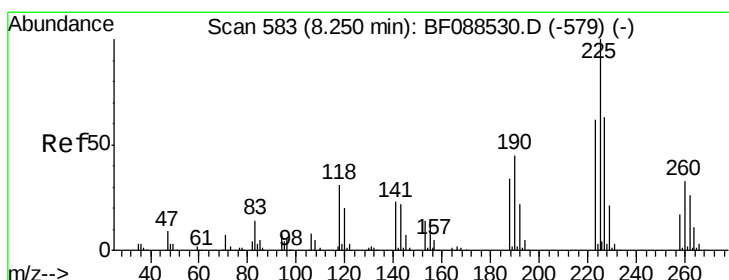
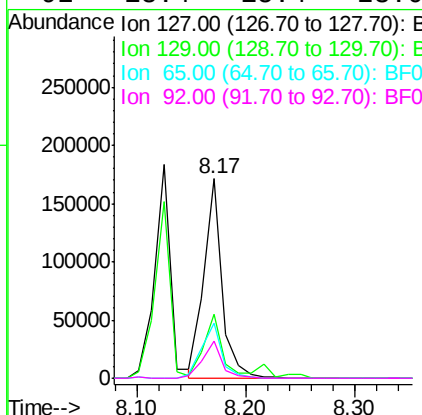
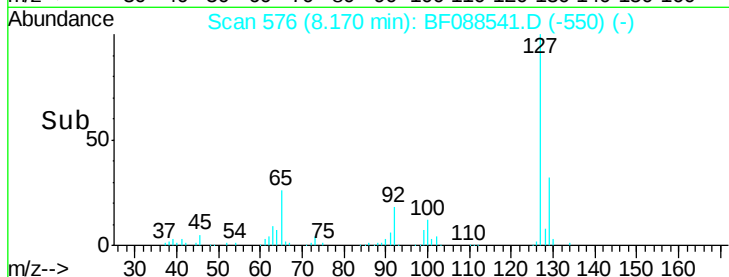
Instrument :
BNA_F
ClientSampleId :
PB91593BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	27.8	24.7	37.1
92	18.4	15.4	23.0

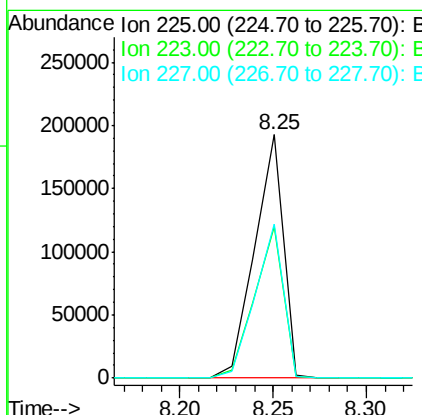
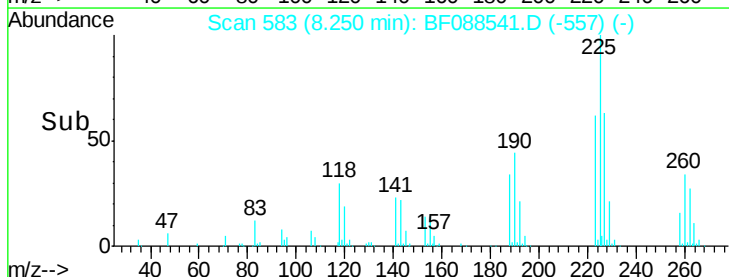
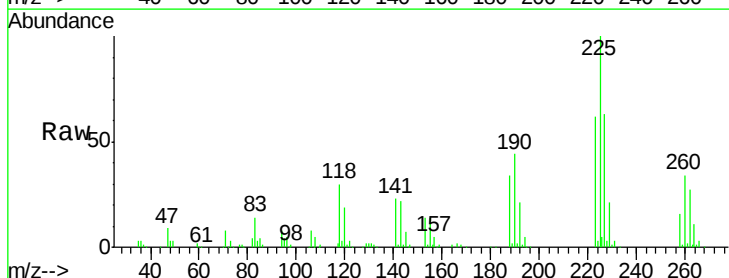
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#34
Hexachlorobutadiene
Concen: 39.66 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

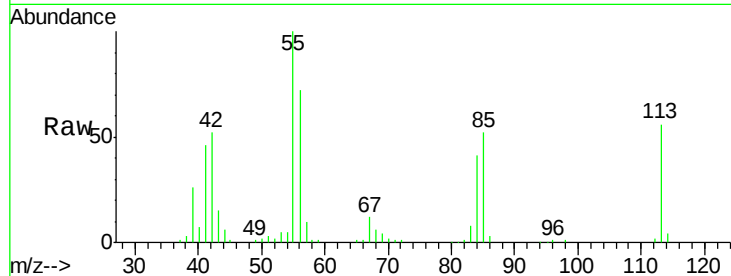
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	63.4	51.9	77.9





#35
 Caprolactam
 Concen: 45.50 ng m
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

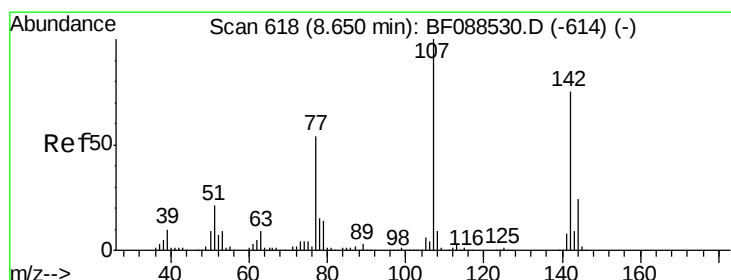
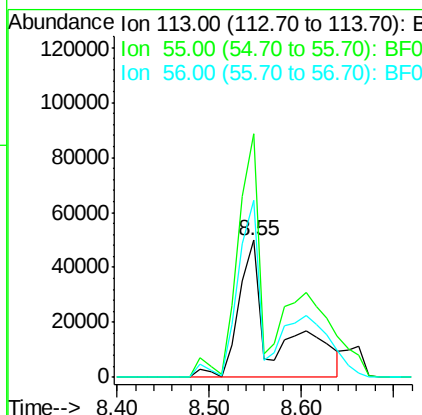
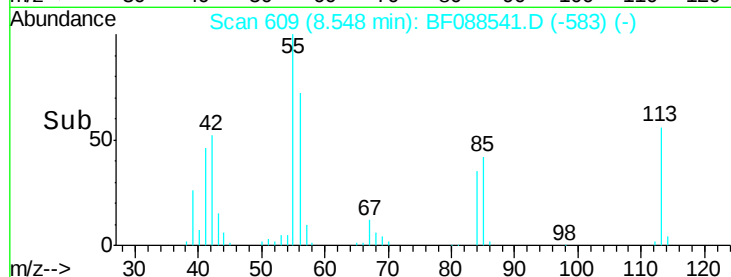
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS



Tgt Ion:113 Resp: 135134
 Ion Ratio Lower Upper
 113 100
 55 177.6 158.6 198.6
 56 128.7 110.6 150.6

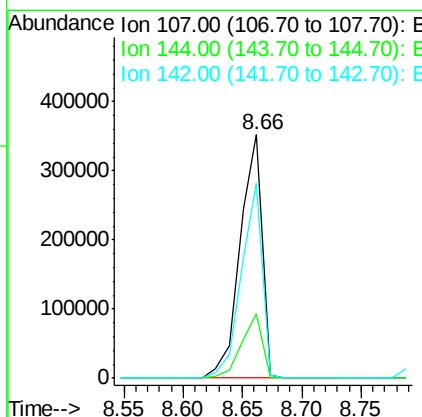
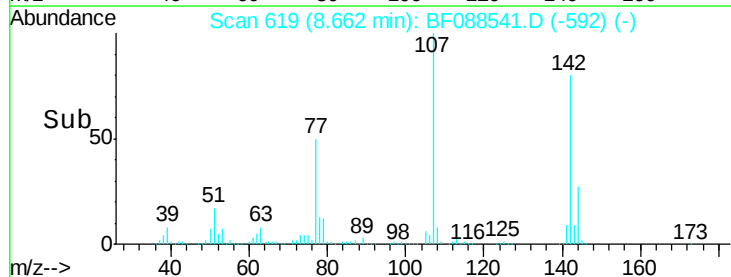
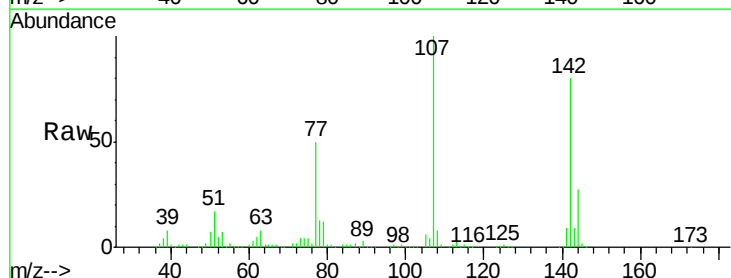
Manual Integrations

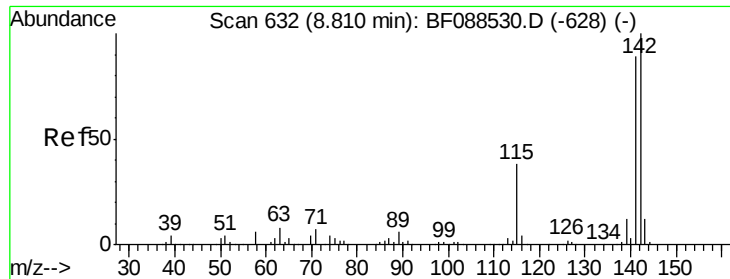
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#36
 4-Chloro-3-methylphenol
 Concen: 44.06 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:107 Resp: 455629
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.8 31.2
 142 80.3 63.4 95.2





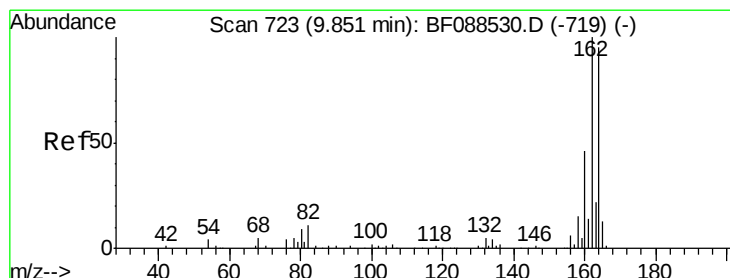
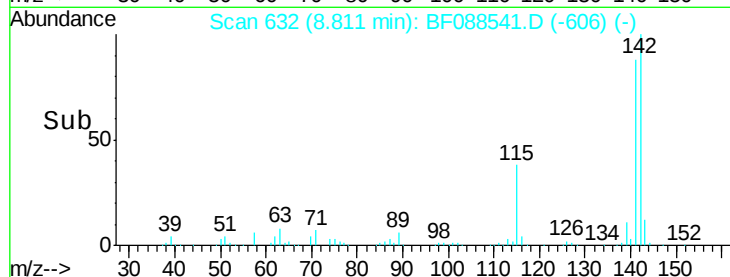
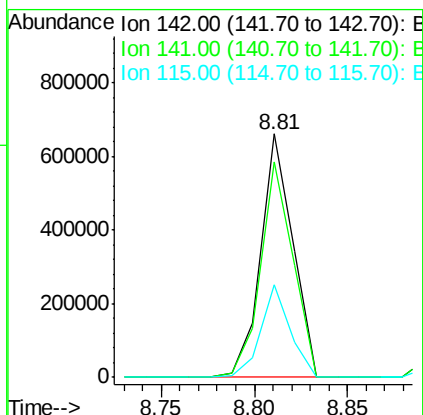
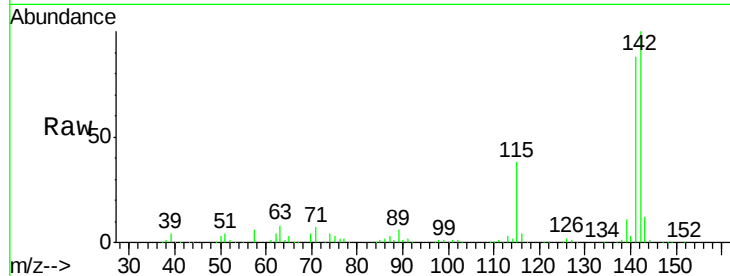
#37
2-Methylnaphthalene
Concen: 38.26 ng
RT: 8.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	38.2	22.6	33.8

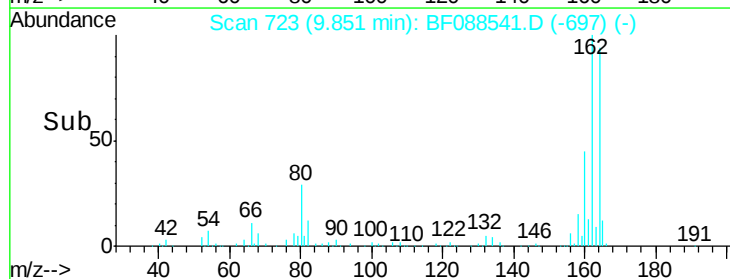
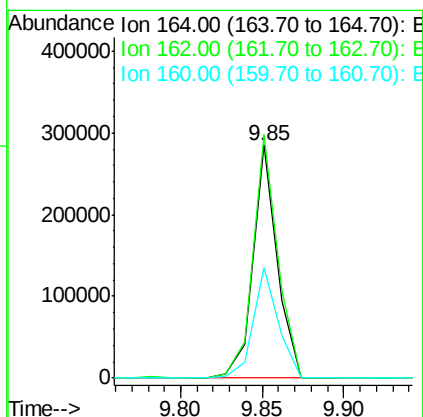
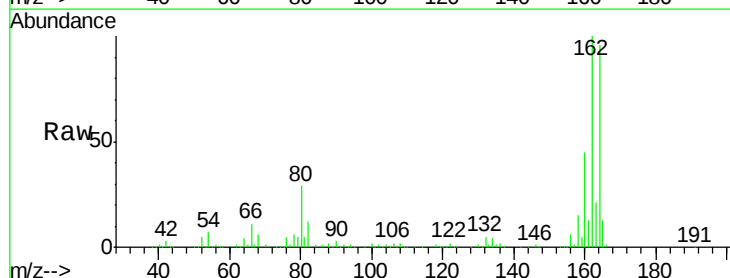
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	47.4	39.5	59.3





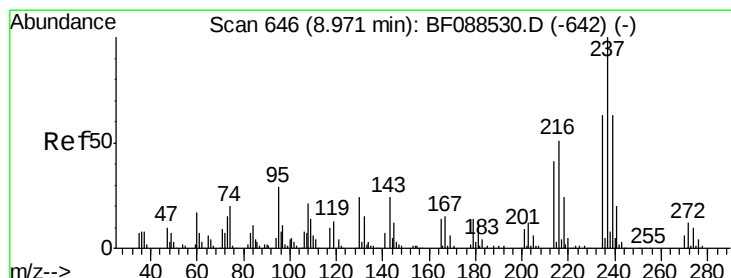
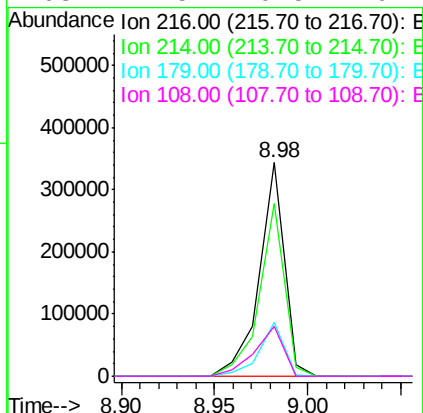
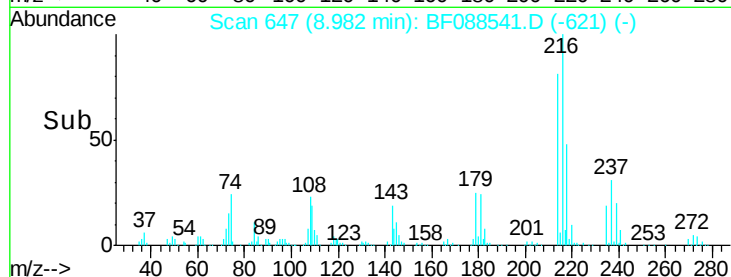
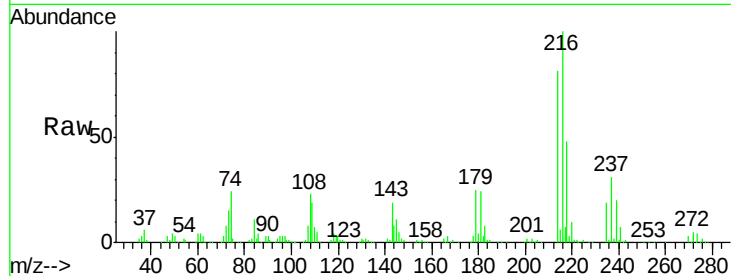
#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.64 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion: 216 Resp: 31885
Ion Ratio Lower Upper
216 100
214 80.6 2.9 4.3#
179 24.7 0.0 0.0#
108 27.5 0.5 0.7#

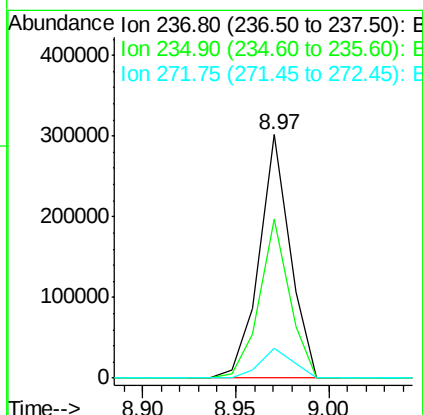
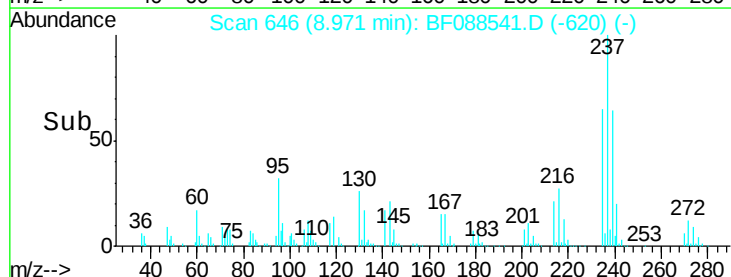
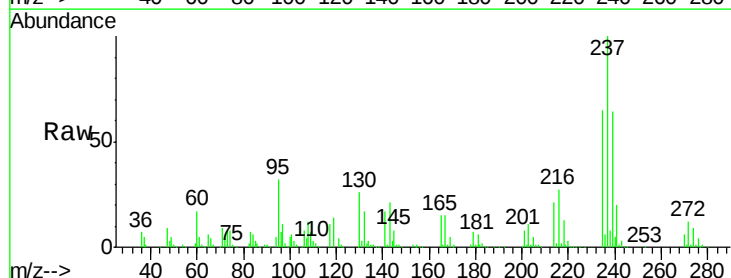
Manual Integrations

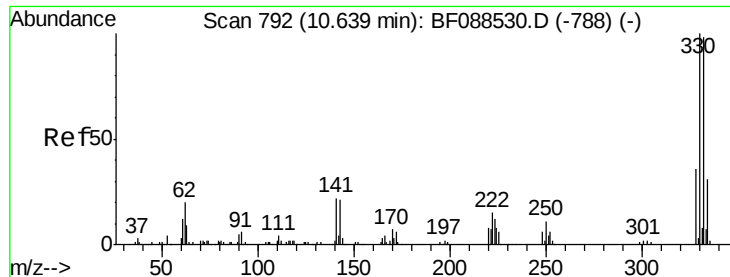
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#40
Hexachlorocyclopentadiene
Concen: 72.11 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion: 237 Resp: 345758
Ion Ratio Lower Upper
237 100
235 65.3 43.4 83.4
272 12.1 0.0 32.3





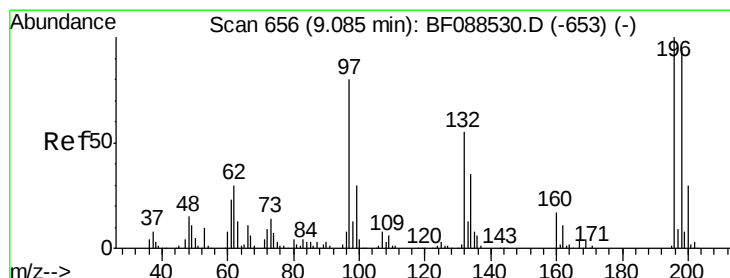
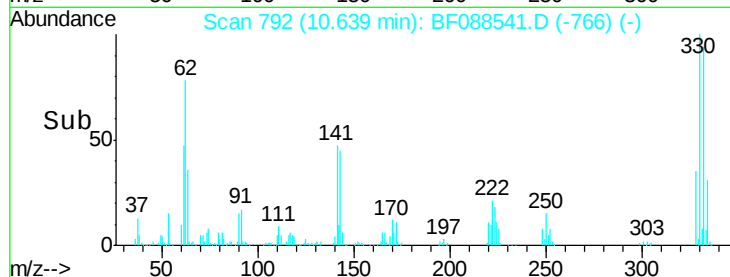
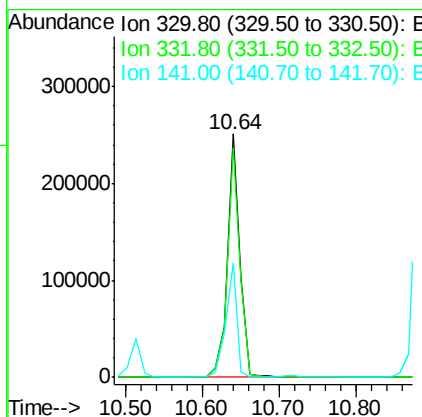
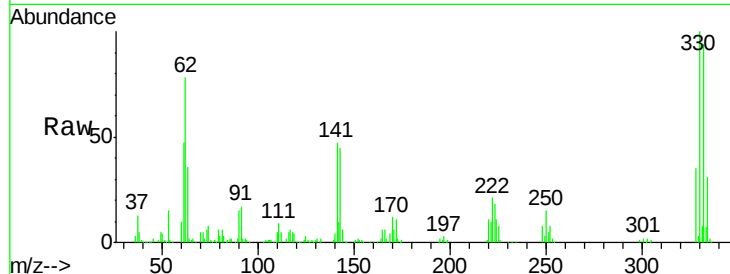
#41
 2,4,6-Tribromophenol
 Concen: 106.98 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	291770		
332	95.0	0.0	0.0	0.0
141	41.9	0.0	0.0	0.0

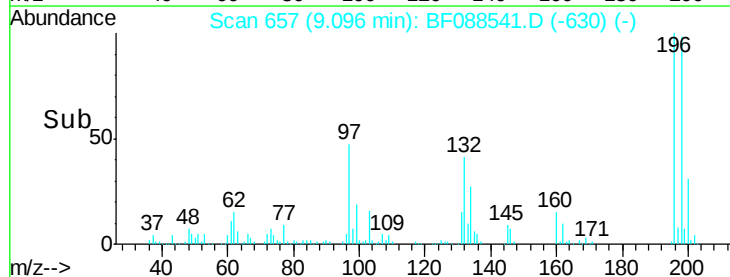
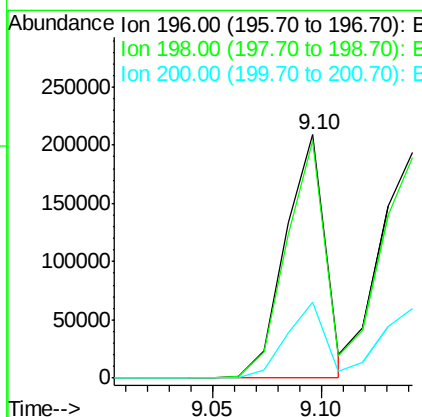
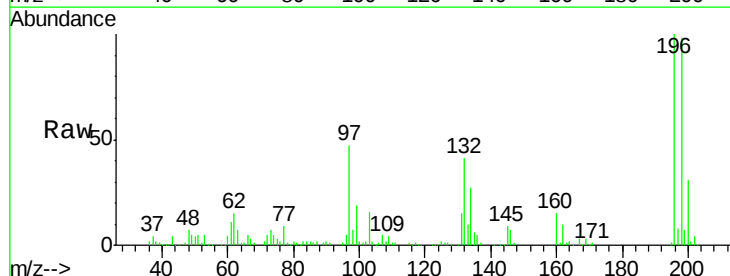
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#42
 2,4,6-Trichlorophenol
 Concen: 41.22 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

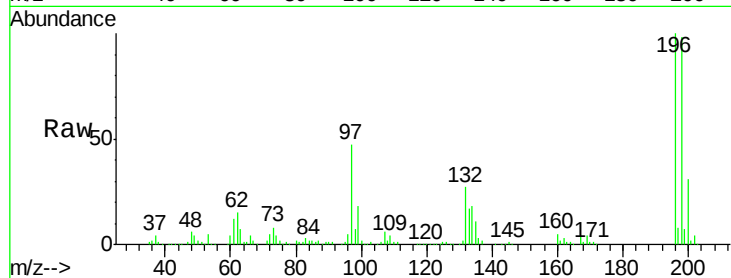
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265504		
198	97.5	78.0	117.0	
200	31.1	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 48.56 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.02 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

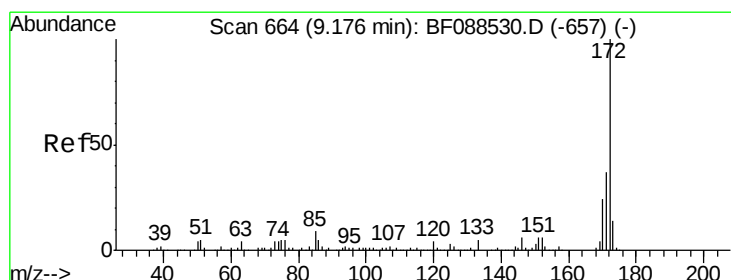
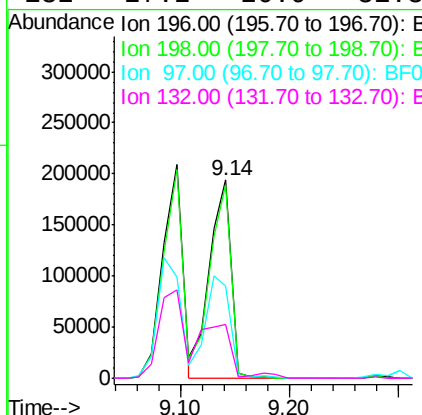
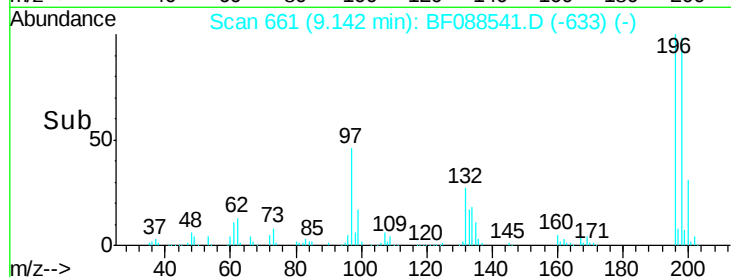
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS



Tgt Ion:	196	Resp:	269109
Ion Ratio	Lower	Upper	
196	100		
198	97.6	77.5	116.3
97	46.7	32.0	48.0
132	27.2	20.9	31.3

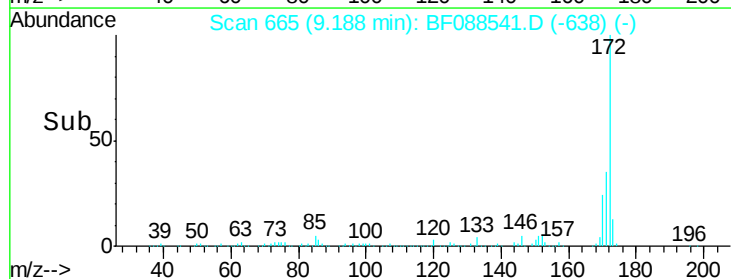
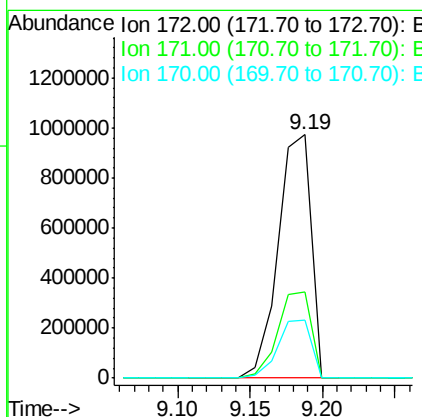
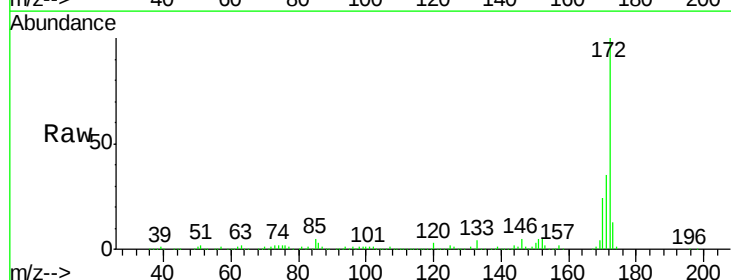
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 82.21 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:	172	Resp:	1528705
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	43.0
170	23.7	19.2	28.8





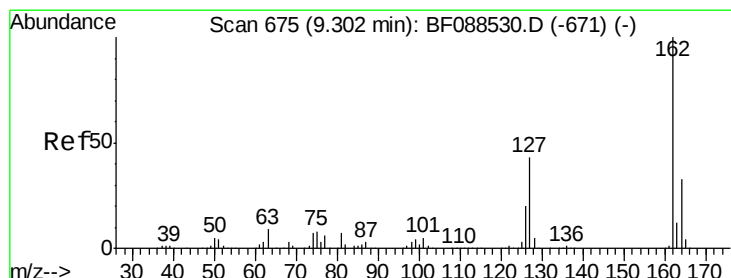
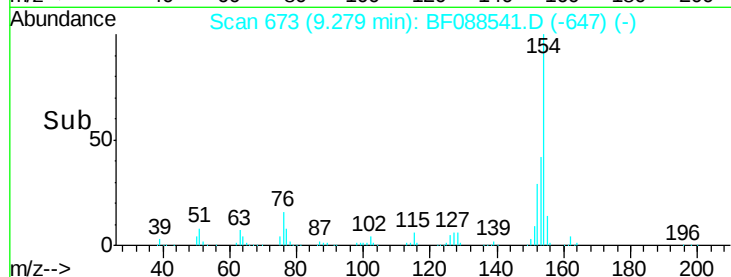
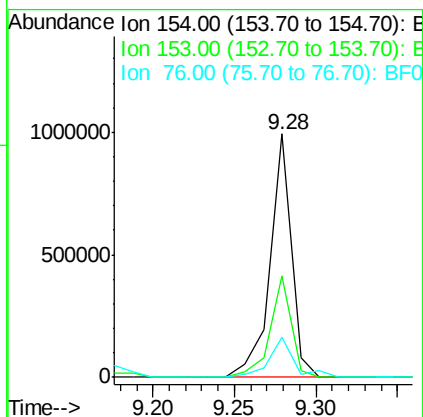
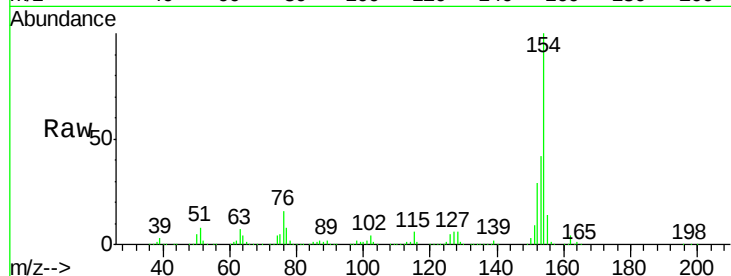
#45
 1,1'-Biphenyl
 Concen: 37.30 ng
 RT: 9.28 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampled :
 PB91593BS

Tgt Ion:	154	Resp:	907142
Ion Ratio	Lower	Upper	
154	100		
153	41.6	20.6	60.6
76	16.4	0.0	35.1

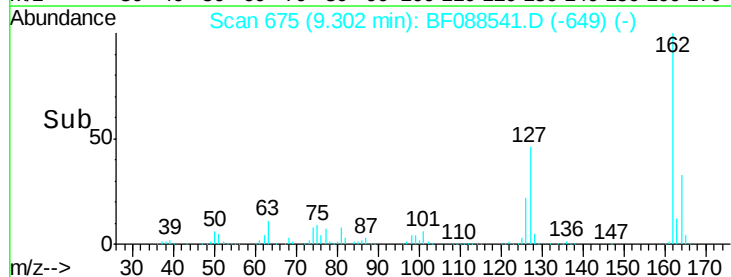
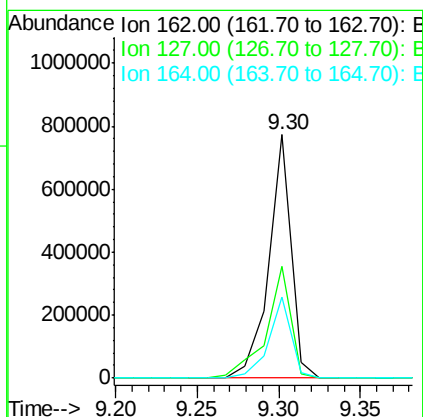
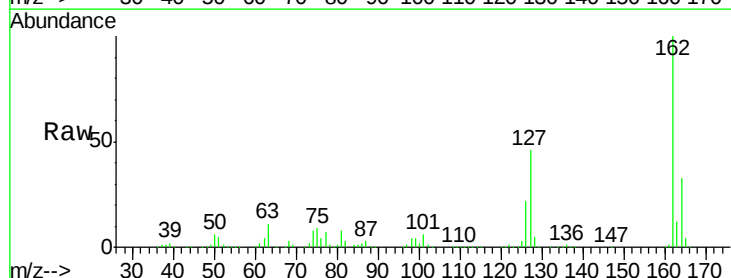
Manual Integrations

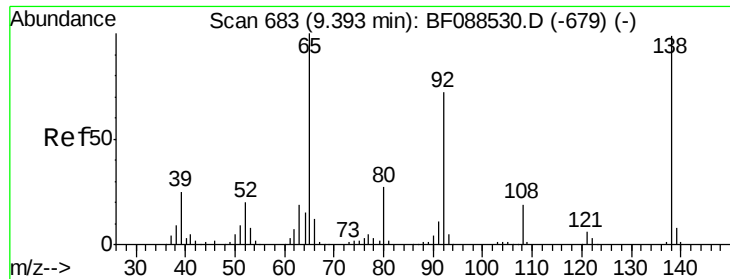
SOHIL
 7/1/2016 8:05:22 AM



#46
 2-Chloronaphthalene
 Concen: 38.74 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:	162	Resp:	739700
Ion Ratio	Lower	Upper	
162	100		
127	46.0	35.2	52.8
164	33.4	26.6	39.8





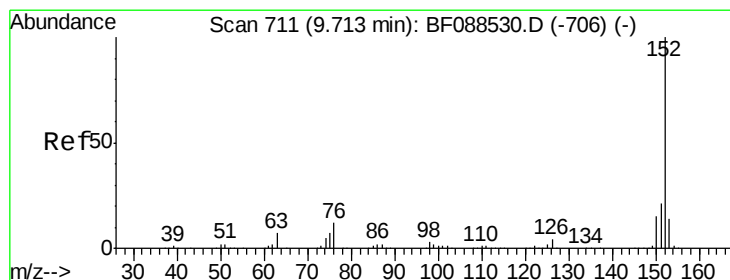
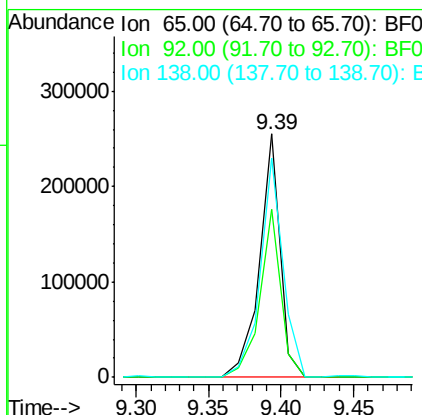
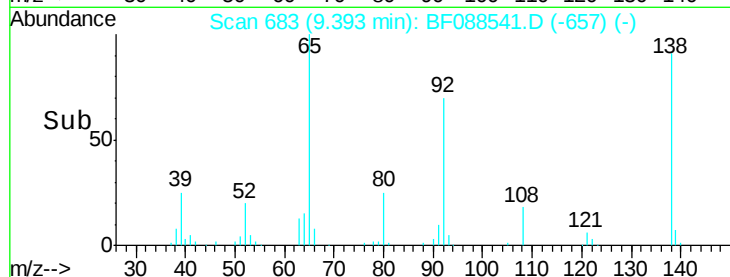
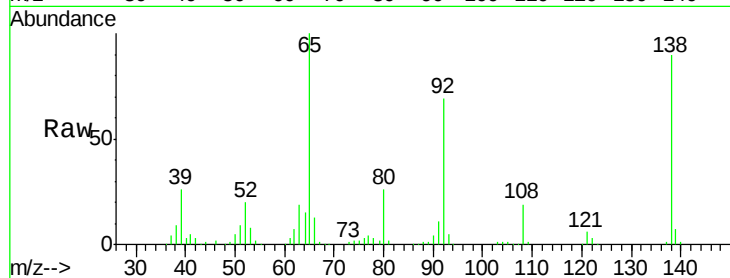
#47
 2-Nitroaniline
 Concen: 37.10 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:	65	Resp:	251399
Ion Ratio	Lower	Upper	
65	100		
92	69.1	54.6	82.0
138	90.3	77.0	115.4

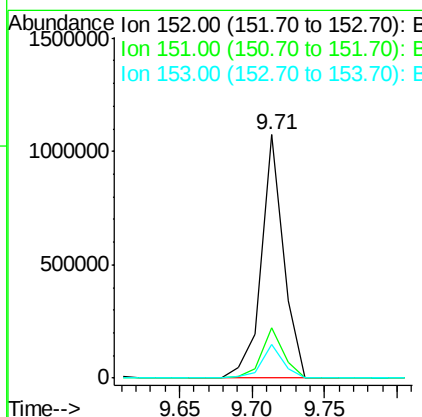
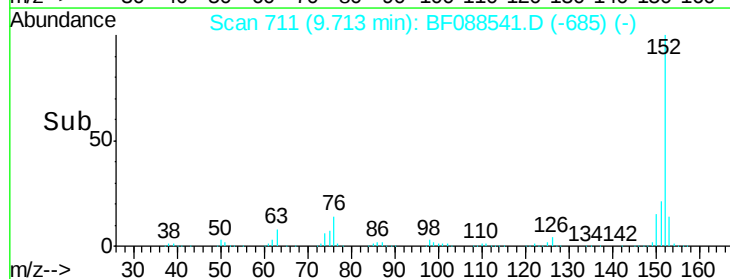
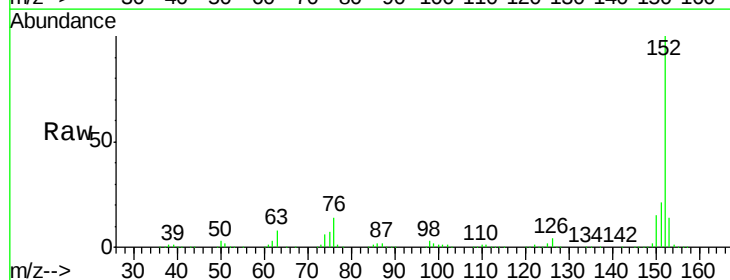
Manual Integrations

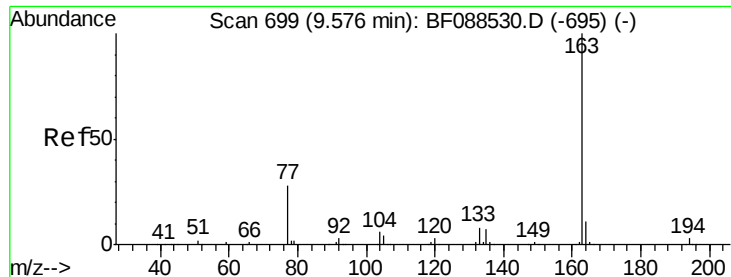
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#48
 Acenaphthylene
 Concen: 37.52 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:	152	Resp:	1139826
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.4
153	13.8	11.0	16.6





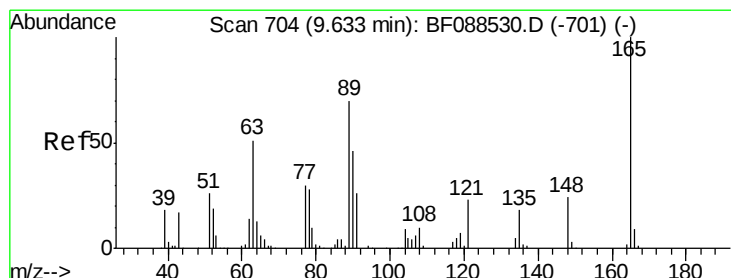
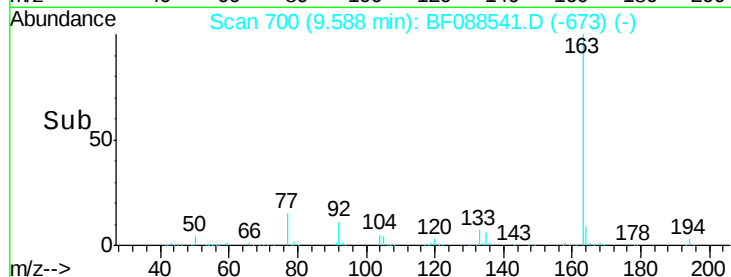
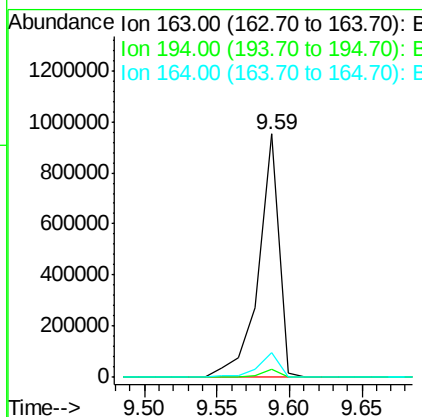
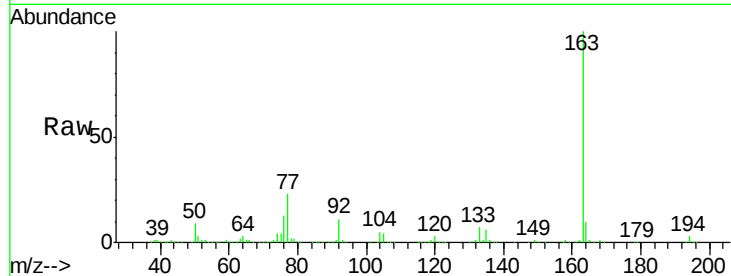
#49
Dimethylphthalate
Concen: 44.38 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion:163 Resp: 928729
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.4 8.3 12.5

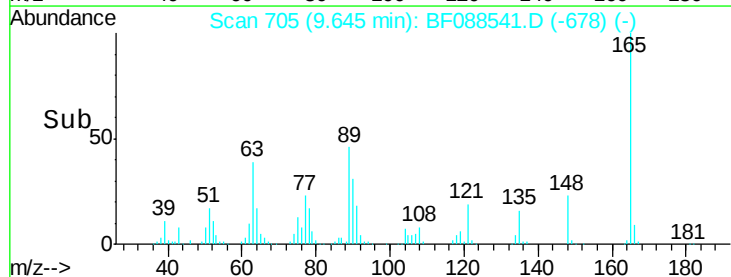
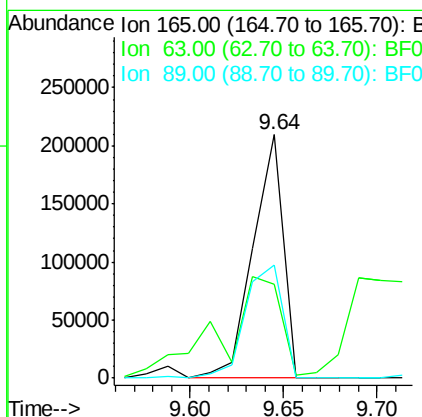
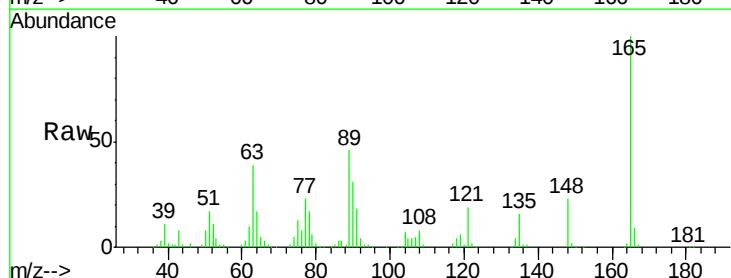
Manual Integrations

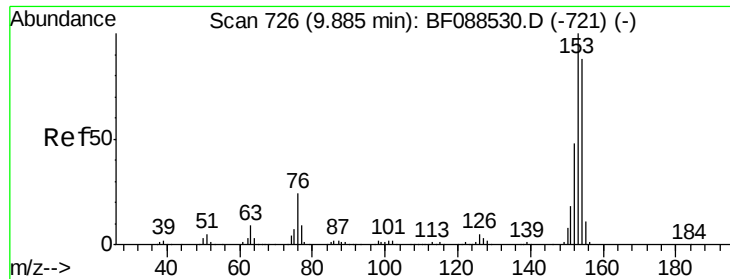
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#50
2,6-Dinitrotoluene
Concen: 50.19 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion:165 Resp: 232757
Ion Ratio Lower Upper
165 100
63 38.8 28.1 42.1
89 46.2 32.2 48.2





#51

Acenaphthene

Concen: 41.32 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF088541.D

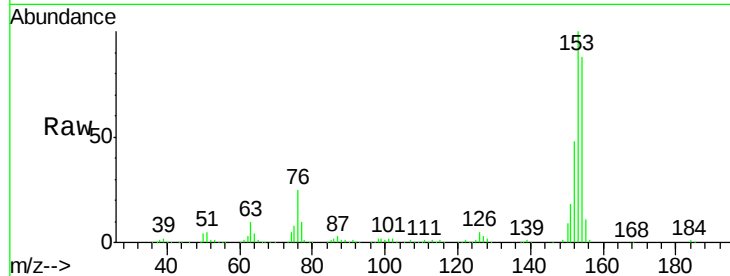
Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

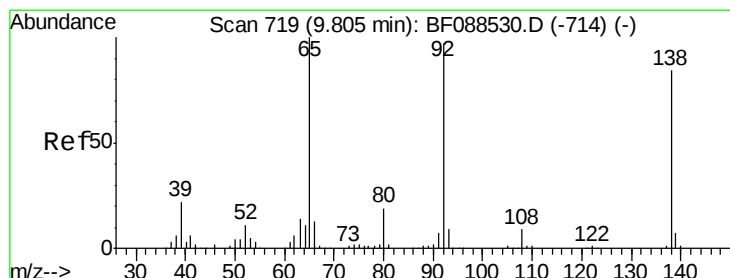
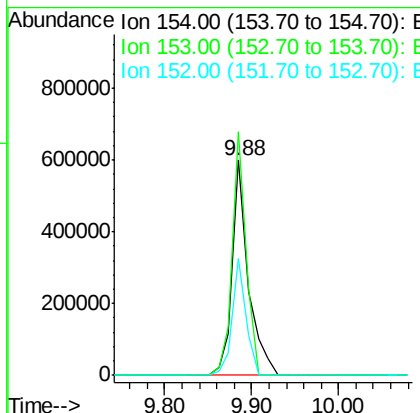
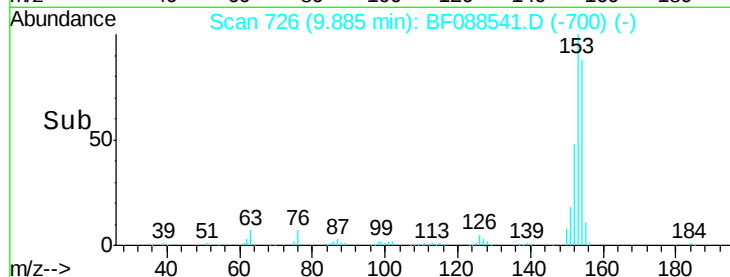


Tgt Ion:	154	Resp:	769431
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.5	134.3
152	54.4	42.7	64.1

Manual Integrations

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#52

3-Nitroaniline

Concen: 23.12 ng

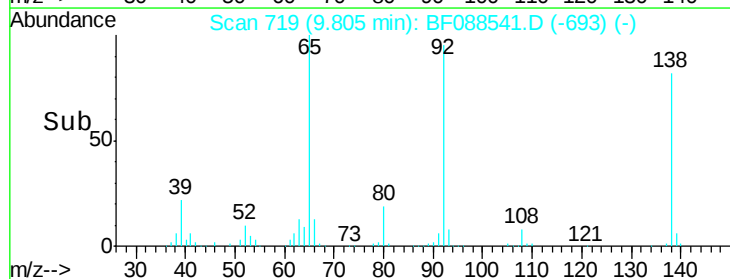
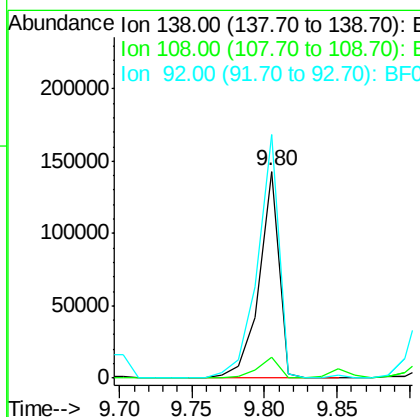
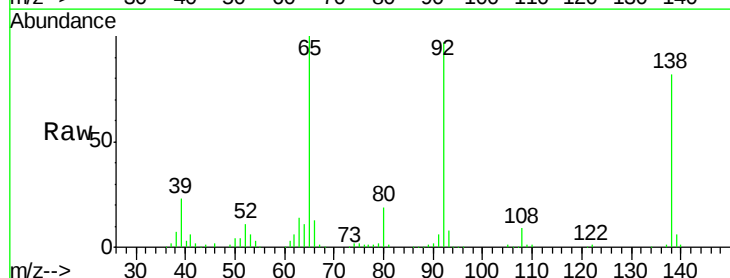
RT: 9.80 min Scan# 719

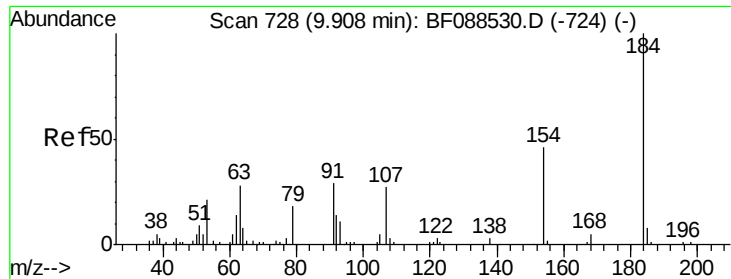
Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion:	138	Resp:	136270
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	117.7	95.7	143.5





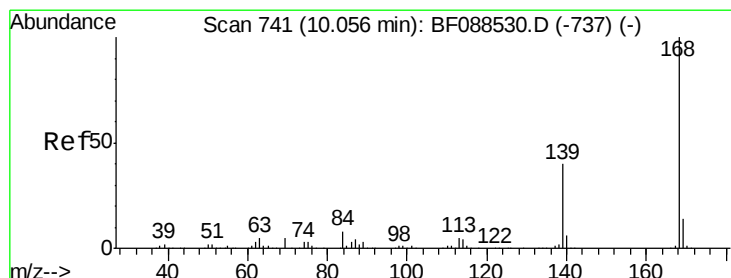
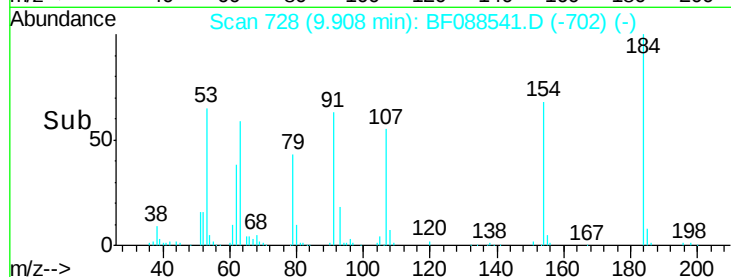
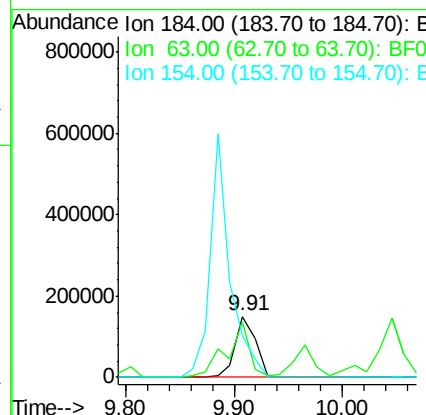
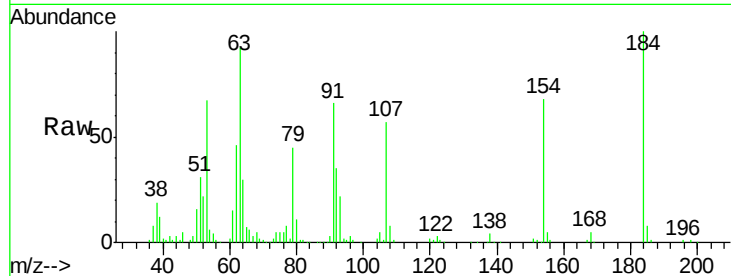
#53
2,4-Dinitrophenol
Concen: 95.91 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	196393		
63	91.8	57.6	86.4#	
154	67.9	53.5	80.3	

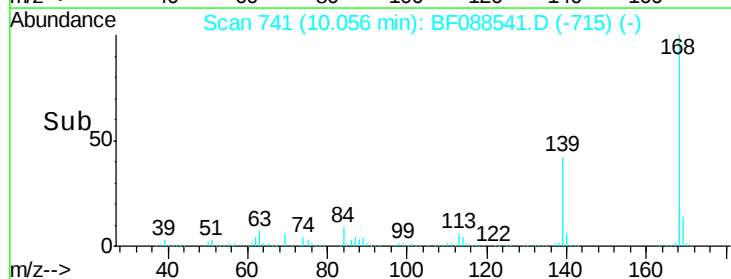
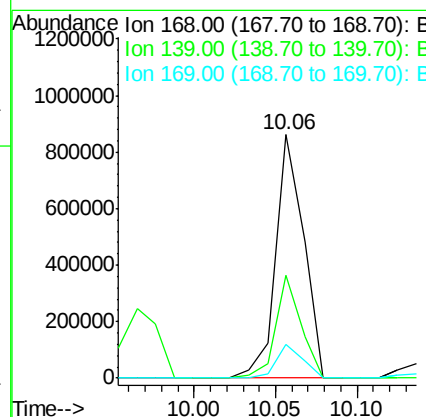
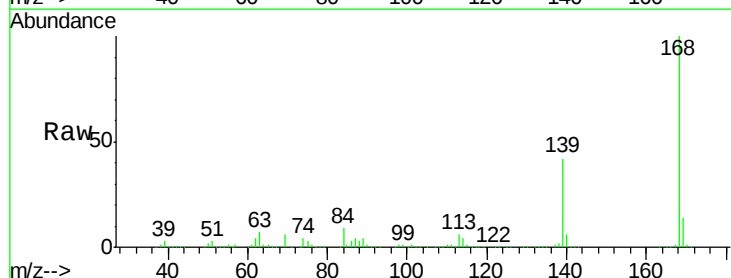
Manual Integrations

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#54
Dibenzofuran
Concen: 42.02 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1024223		
139	42.4	26.4	39.6#	
169	14.1	10.4	15.6	





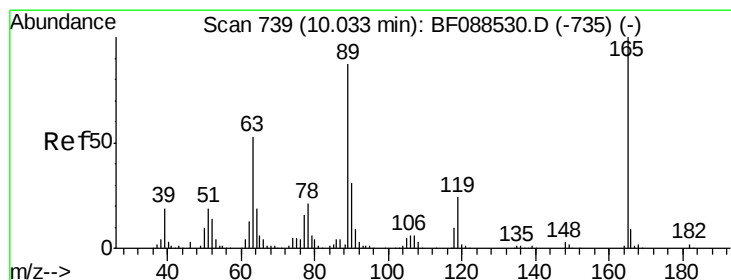
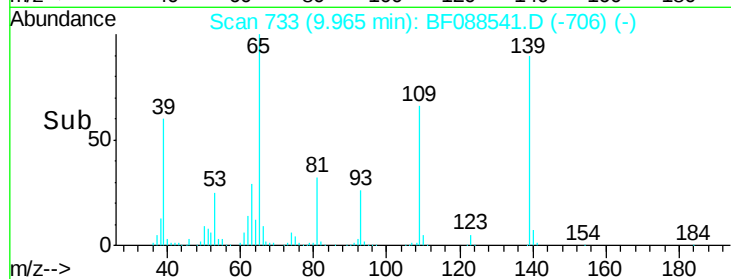
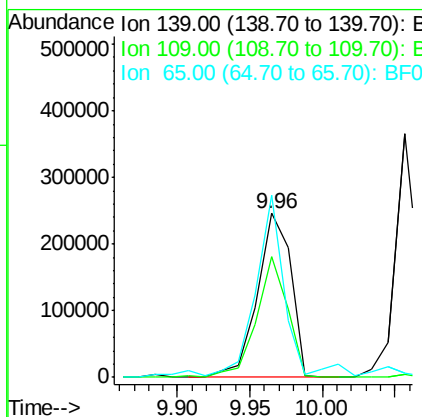
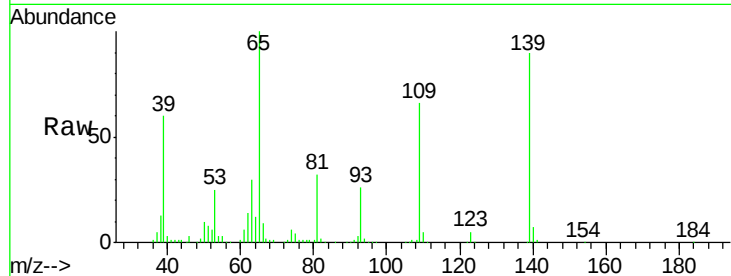
#55
4-Nitrophenol
Concen: 87.82 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	393425		
109	73.9	48.9	88.9	
65	111.4	84.9	124.9	

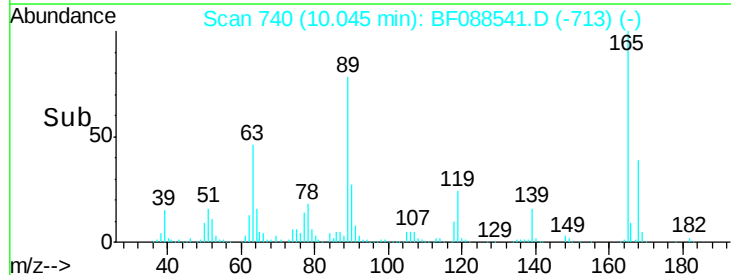
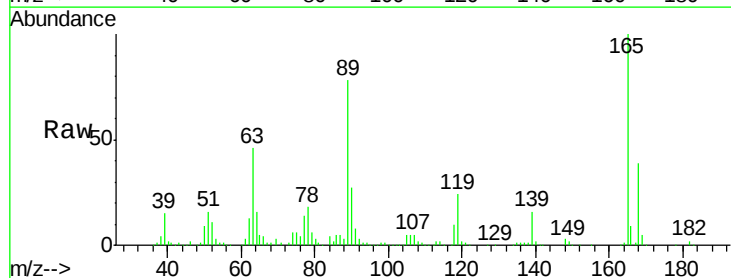
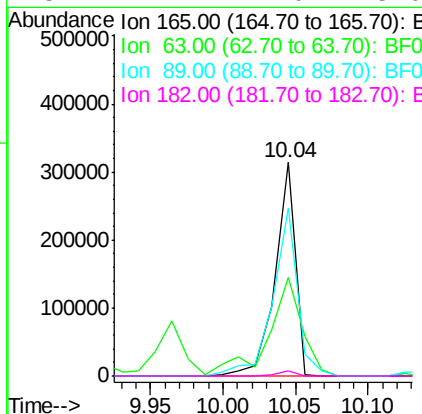
Manual Integrations

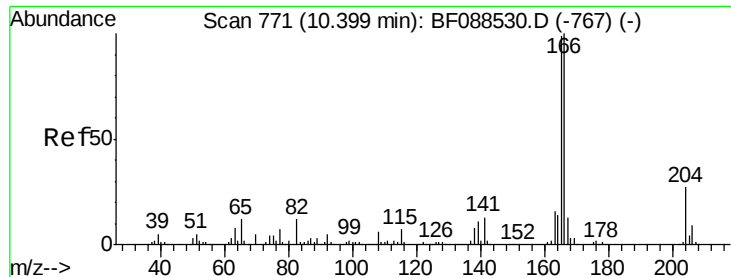
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#56
2,4-Dinitrotoluene
Concen: 49.78 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	301866		
63	46.4	22.0	33.0#	
89	78.4	41.1	61.7#	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 37.14 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

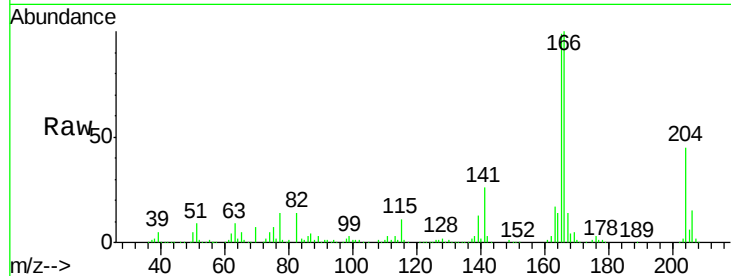
PB91593BS

Tgt Ion:	166	Resp:	697616
Ion Ratio	Lower	Upper	
166	100		
165	99.0	77.8	116.8
167	13.8	11.2	16.8

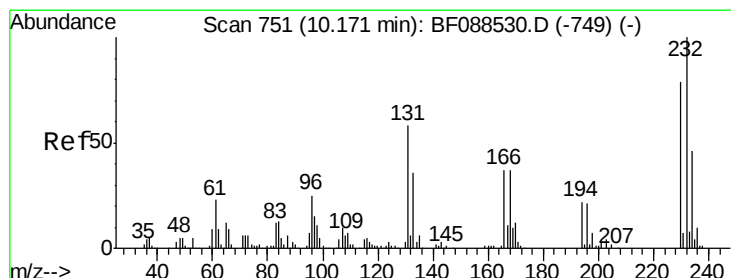
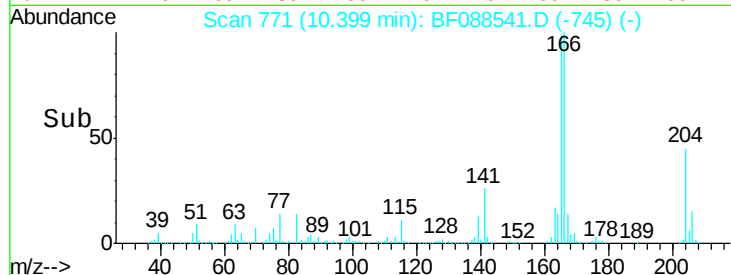
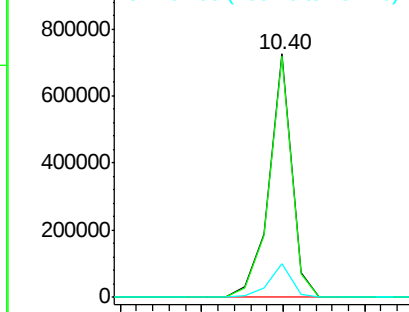
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.37 ng

RT: 10.17 min Scan# 751

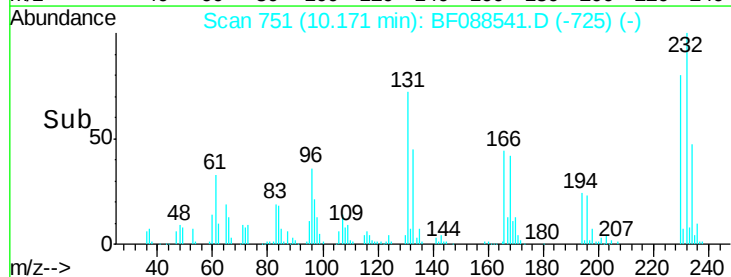
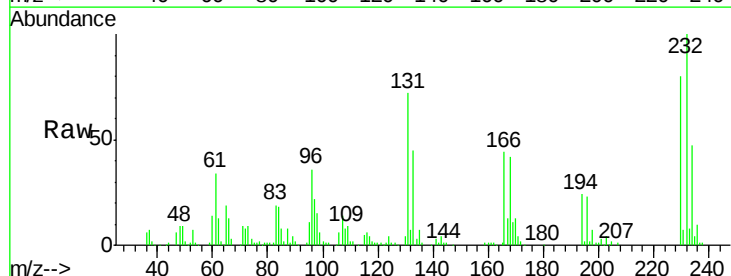
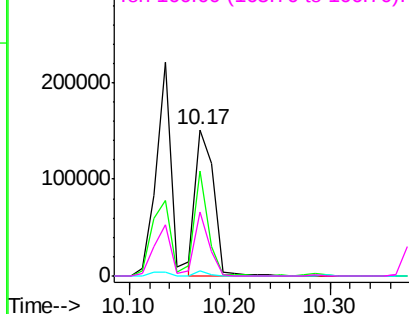
Delta R.T. 0.00 min

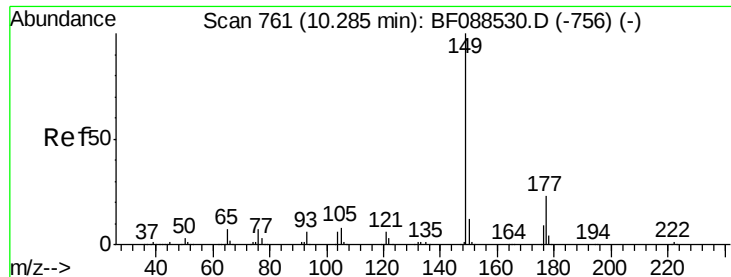
Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion:	232	Resp:	190225
Ion Ratio	Lower	Upper	
232	100		
131	55.7	0.9	1.3#
130	2.8	1.5	2.3#
166	36.4	0.5	0.7#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





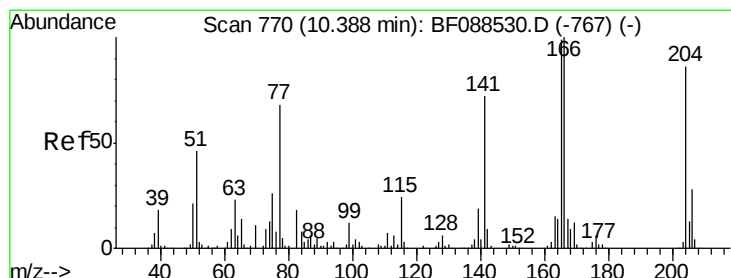
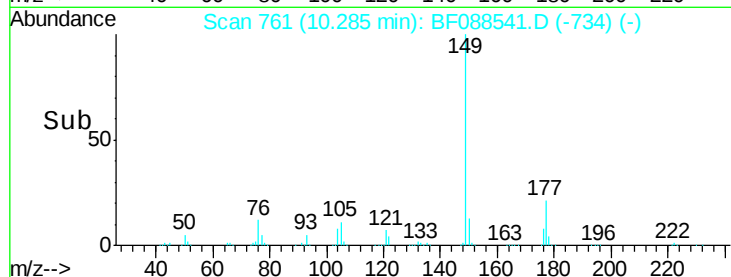
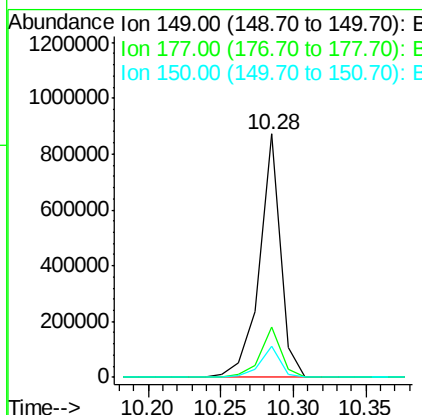
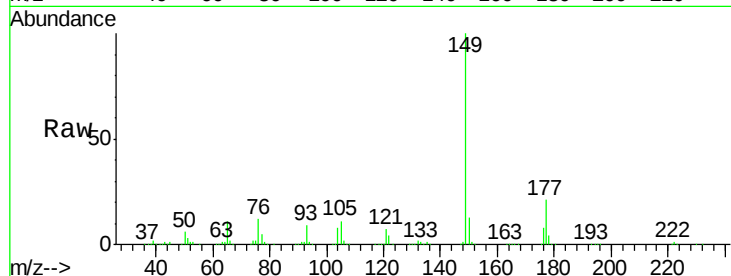
#59
Diethylphthalate
Concen: 41.74 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.9	25.3
150	12.9	10.1	15.1

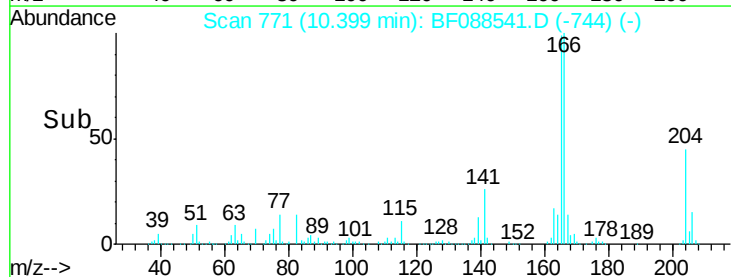
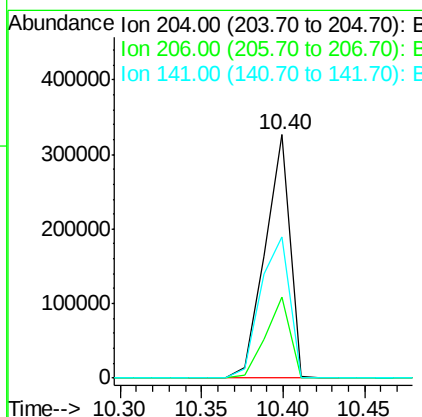
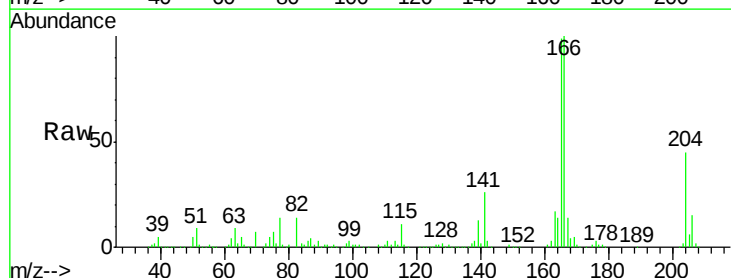
Manual Integrations

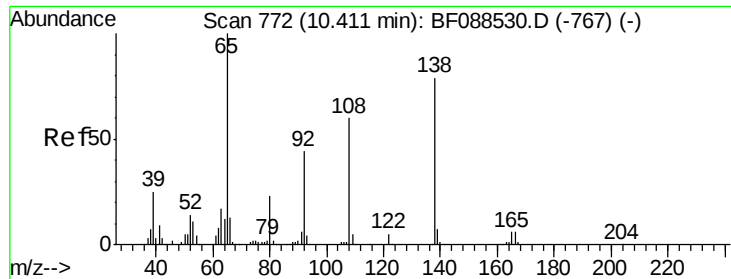
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#60
4-Chlorophenyl-phenylether
Concen: 39.89 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.3	39.5
141	58.0	55.0	82.6





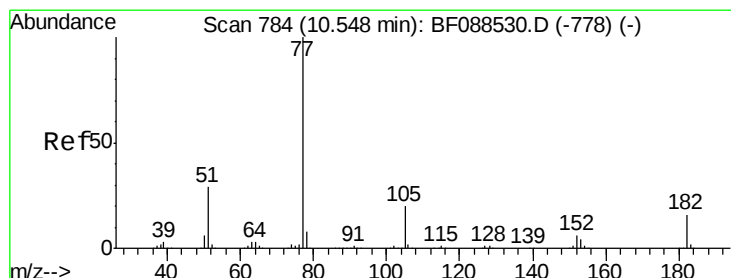
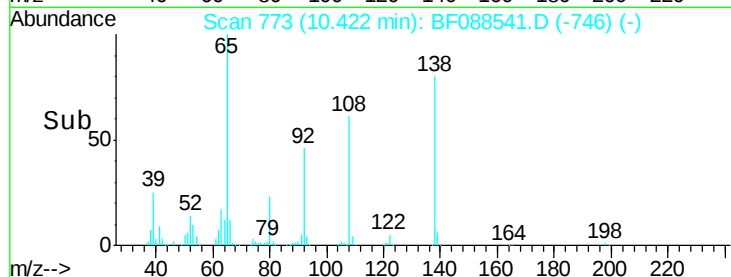
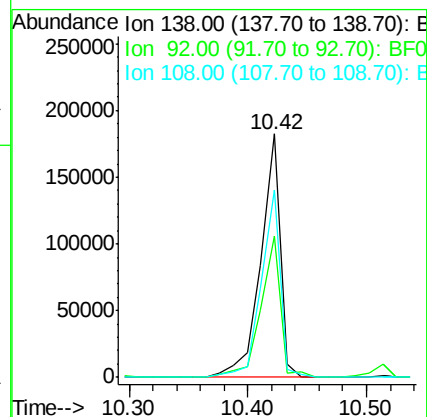
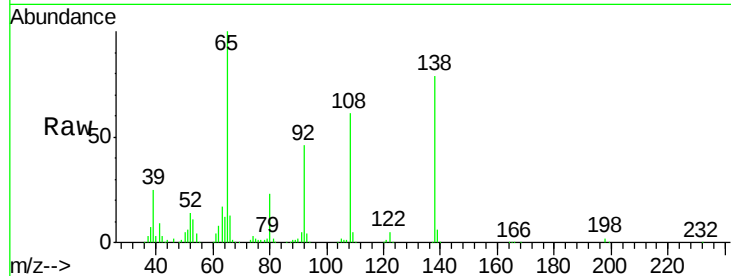
#61
4-Nitroaniline
Concen: 37.15 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion: 138 Resp: 210773
Ion Ratio Lower Upper
138 100
92 58.0 27.3 67.3
108 76.7 46.7 86.7

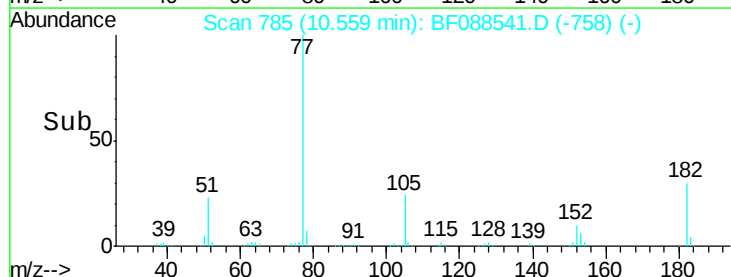
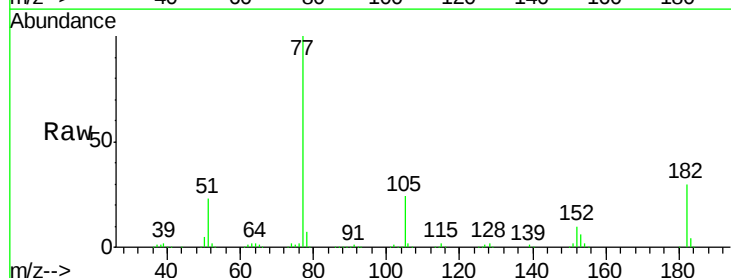
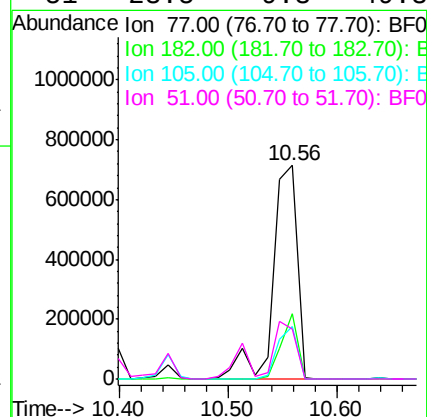
Manual Integrations

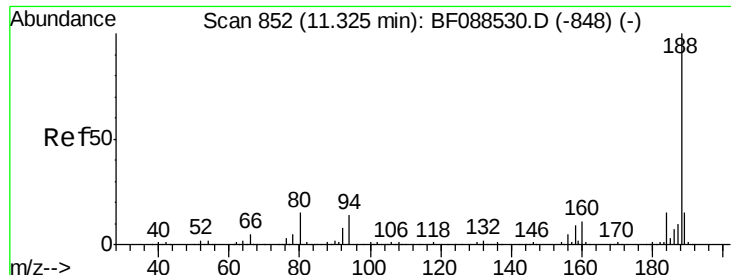
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#62
Azobenzene
Concen: 46.09 ng
RT: 10.56 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

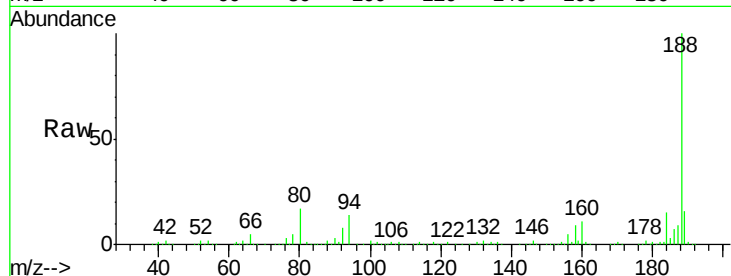
Tgt Ion: 77 Resp: 1103888
Ion Ratio Lower Upper
77 100
182 30.3 4.4 44.4
105 24.4 3.8 43.8
51 23.5 9.3 49.3





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

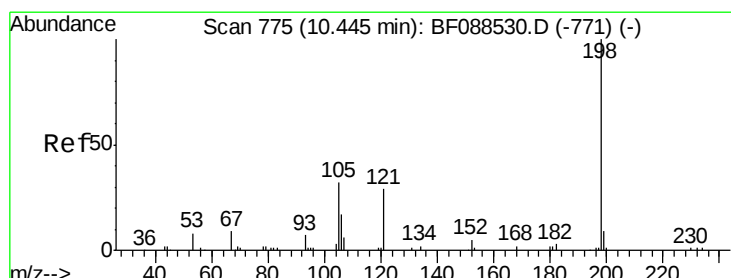
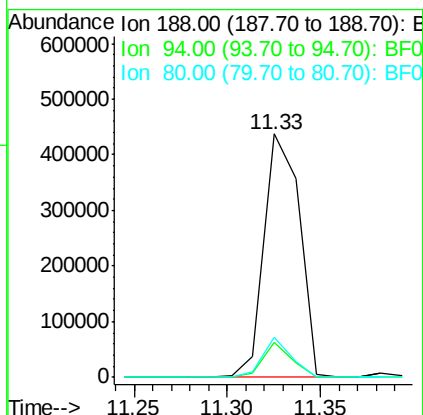
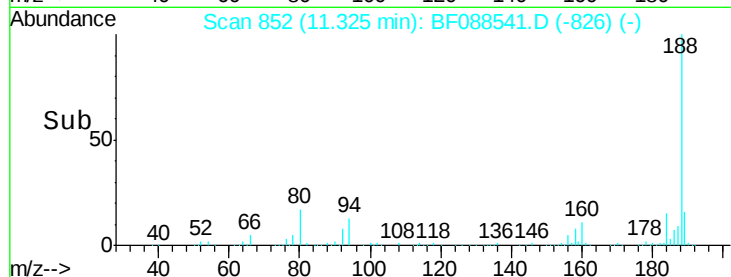
Instrument :
BNA_F
ClientSampleId :
PB91593BS



Tgt Ion:188 Resp: 578455
Ion Ratio Lower Upper
188 100
94 14.4 9.0 13.6#
80 16.7 10.0 15.0#

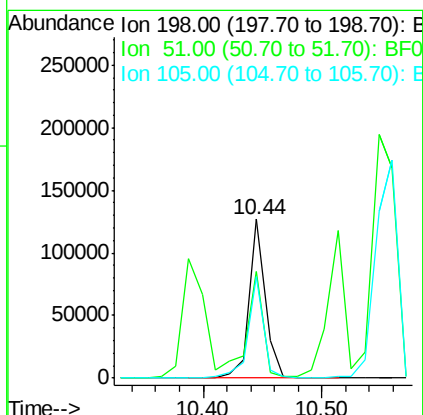
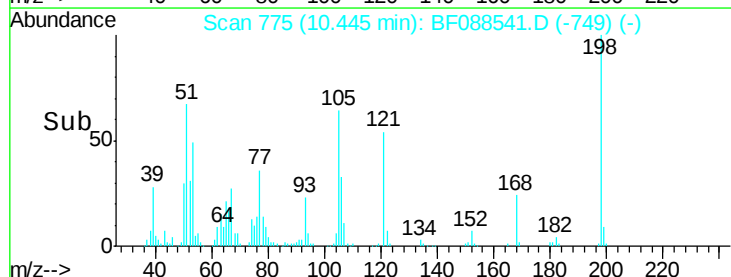
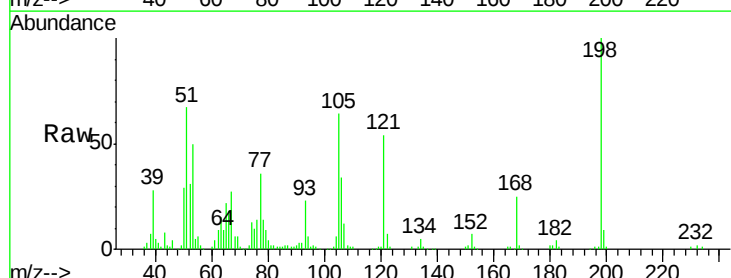
Manual Integrations

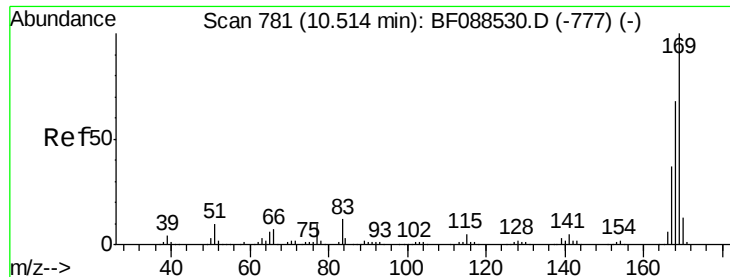
SOHIL
7/1/2016 8:05:22 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.31 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

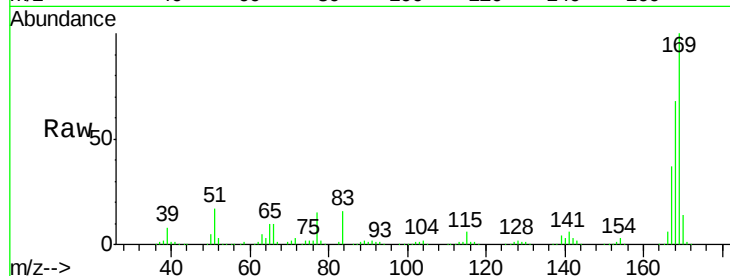
Tgt Ion:198 Resp: 121636
Ion Ratio Lower Upper
198 100
51 66.8 39.6 79.6
105 64.0 36.6 76.6





#65
n-Nitrosodiphenylamine
Concen: 35.64 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

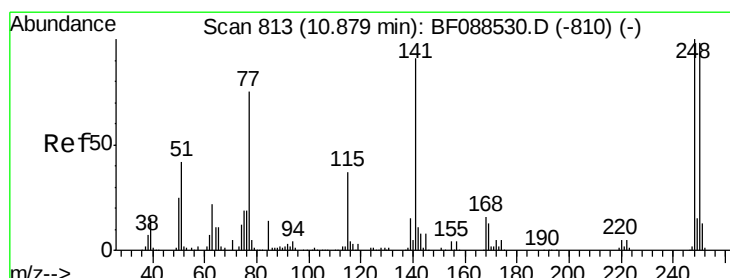
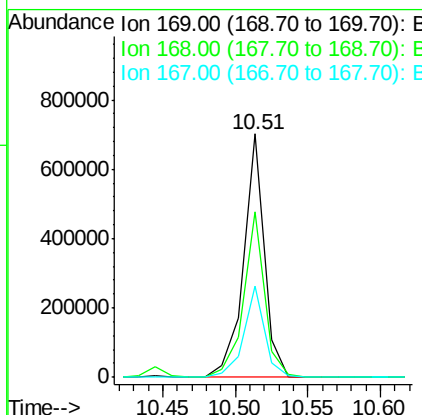
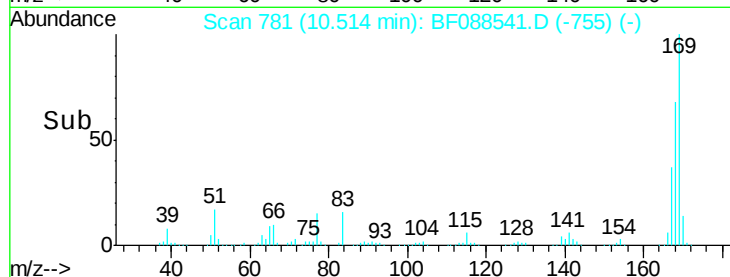
Instrument :
BNA_F
ClientSampleId :
PB91593BS



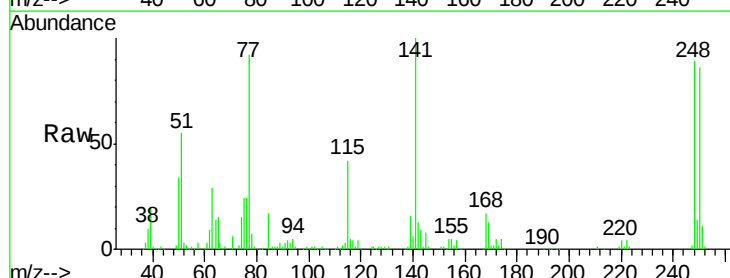
Tgt Ion:169 Resp: 697790
Ion Ratio Lower Upper
169 100
168 67.8 53.4 80.0
167 37.5 29.4 44.0

Manual Integrations

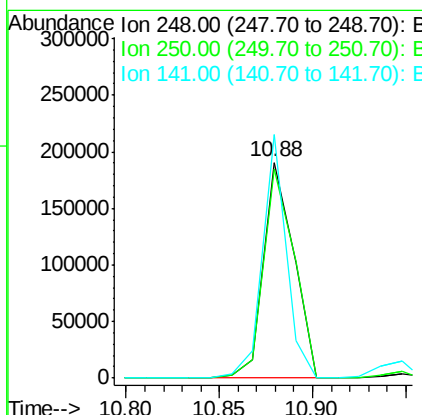
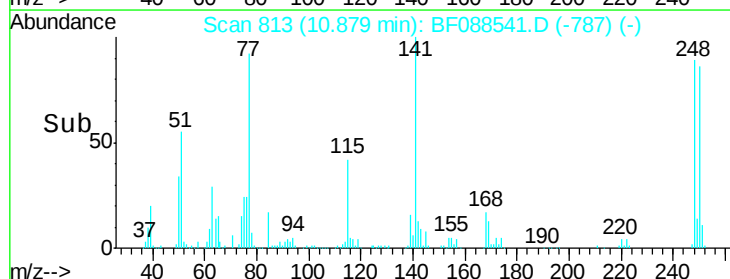
APPROVED
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7/1/2016 8:05:22 AM



#66
4-Bromophenyl-phenylether
Concen: 36.74 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58



Tgt Ion:248 Resp: 214167
Ion Ratio Lower Upper
248 100
250 96.6 77.1 115.7
141 112.7 50.6 76.0#





#67

Hexachlorobenzene

Concen: 39.68 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF088541.D

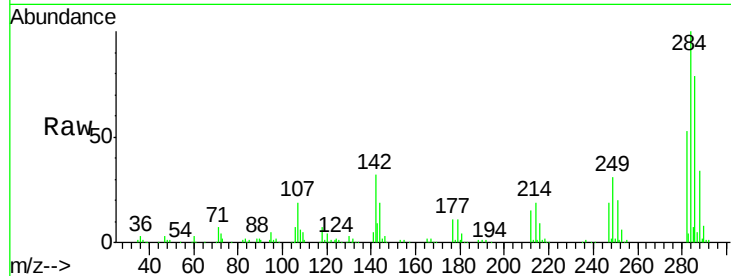
Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

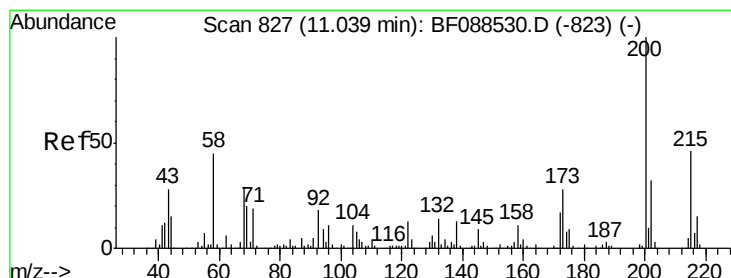
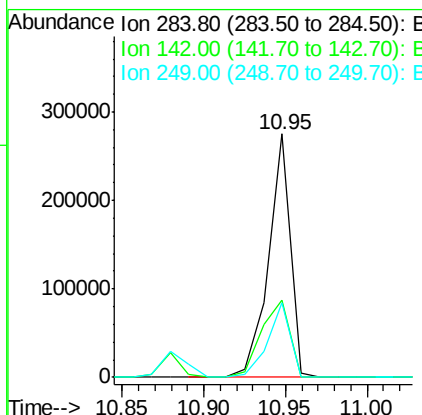
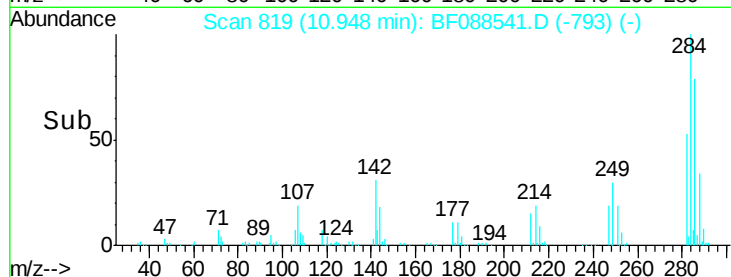


Tgt Ion:	284	Resp:	256034
Ion Ratio	Lower	Upper	
284	100		
142	31.6	35.8	53.8#
249	30.7	25.8	38.6

Manual Integrations

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#68

Atrazine

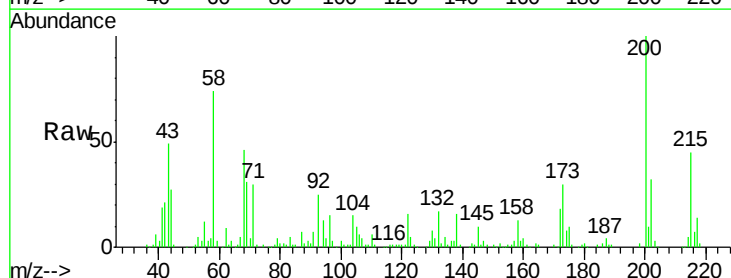
Concen: 35.46 ng

RT: 11.04 min Scan# 827

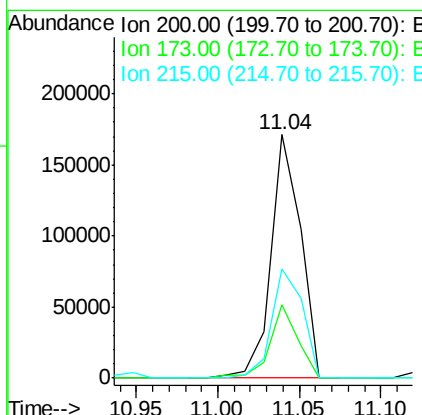
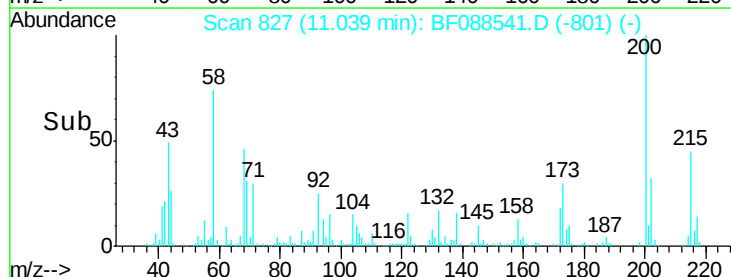
Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58



Tgt Ion:	200	Resp:	216346
Ion Ratio	Lower	Upper	
200	100		
173	30.3	4.0	44.0
215	44.8	29.3	69.3





#69

Pentachlorophenol

Concen: 82.76 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF088541.D

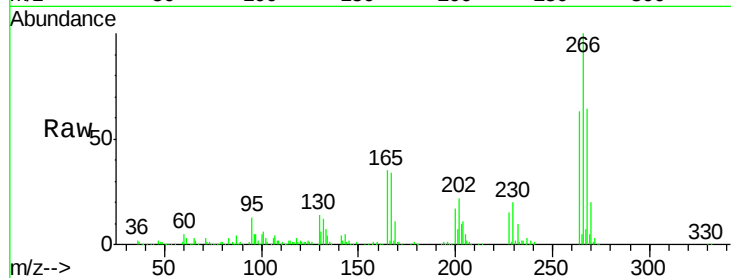
Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

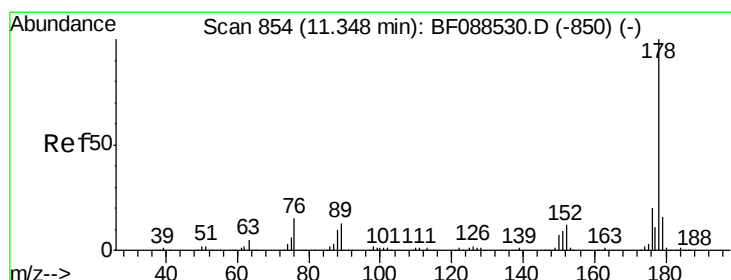
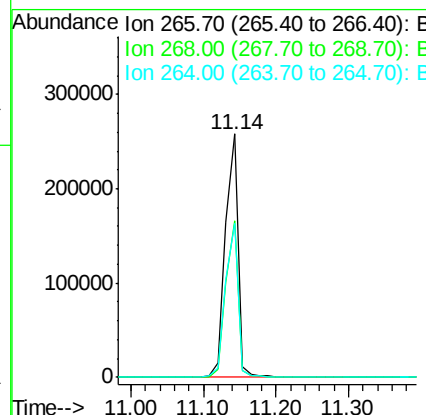
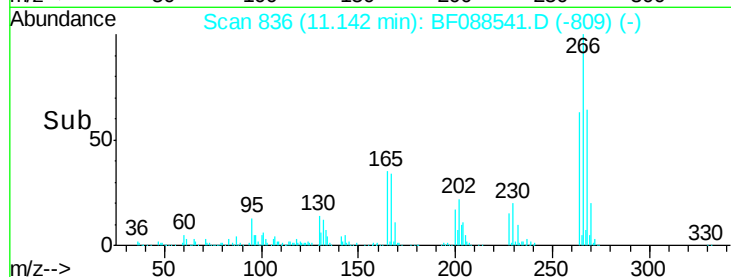
PB91593BS



Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.8	79.2
264	63.2	49.6	74.4

Manual Integrations

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#70

Phenanthrene

Concen: 40.90 ng

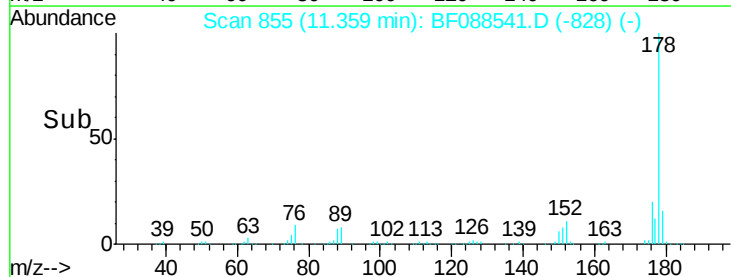
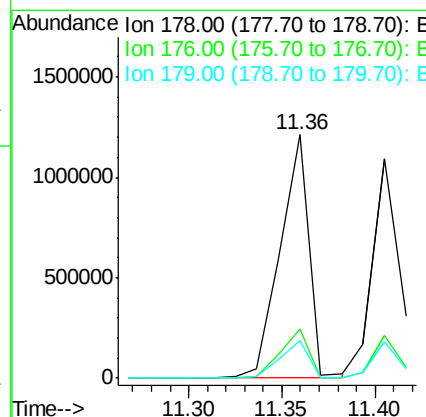
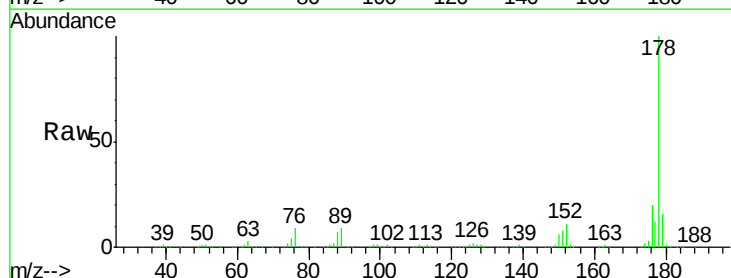
RT: 11.36 min Scan# 855

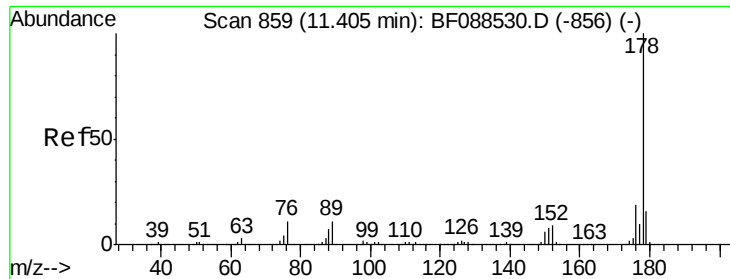
Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	15.7	13.0	19.4





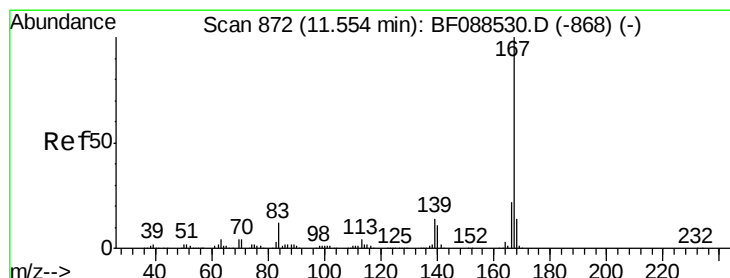
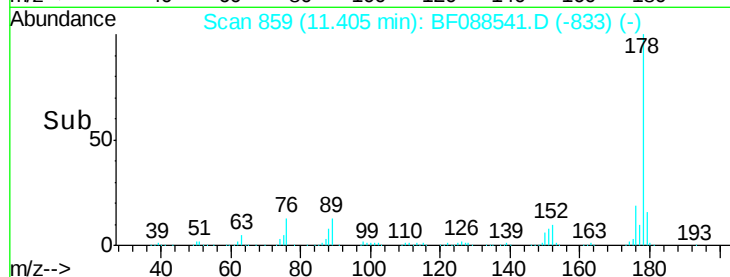
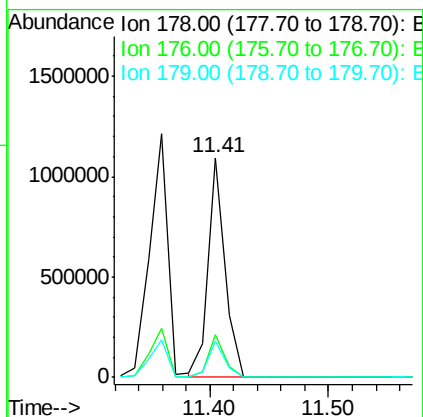
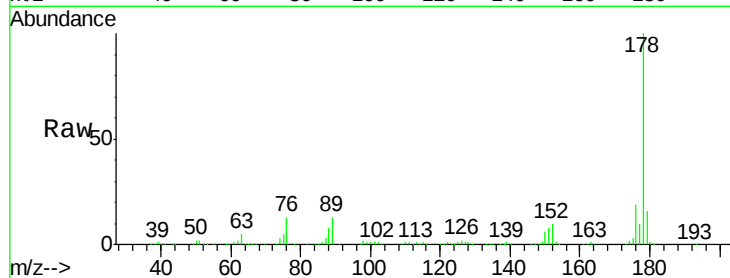
#71
 Anthracene
 Concen: 34.39 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:178 Resp: 1081253
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.3 12.8 19.2

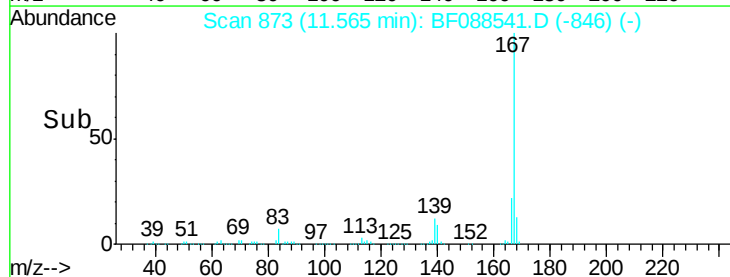
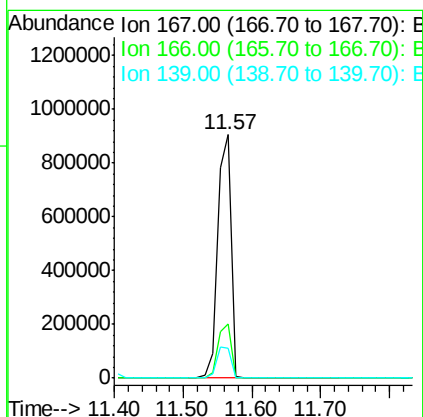
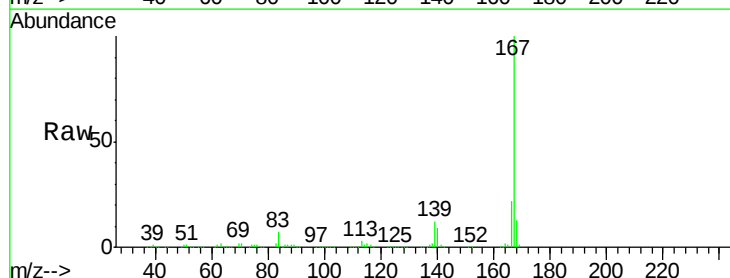
Manual Integrations

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#72
 Carbazole
 Concen: 41.83 ng
 RT: 11.57 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion:167 Resp: 1237922
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 12.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 37.82 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

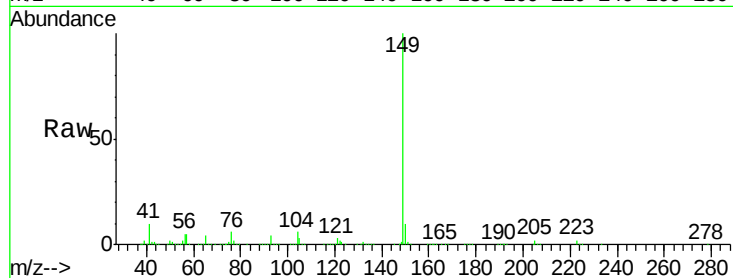
ClientSampleId :

PB91593BS

Manual Integrations

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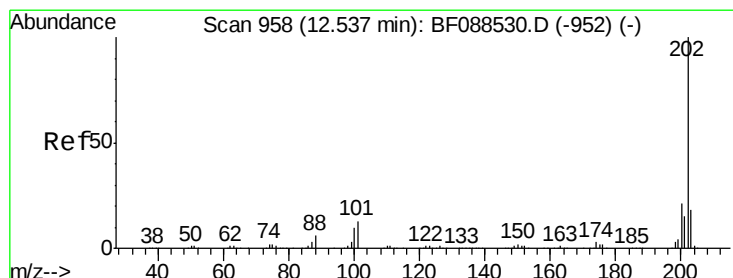
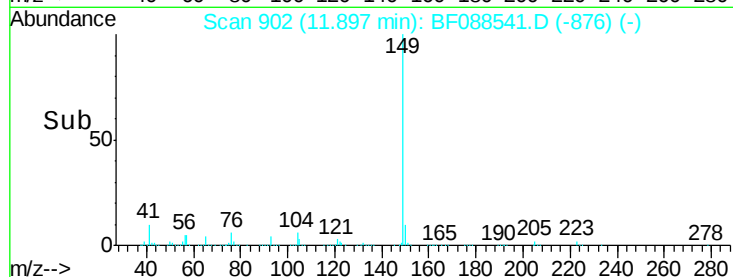
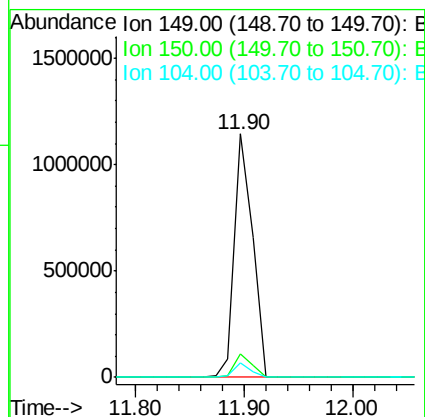
Tgt Ion:149 Resp: 1301703

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 6.1 4.0 6.0#



#74

Fluoranthene

Concen: 36.77 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

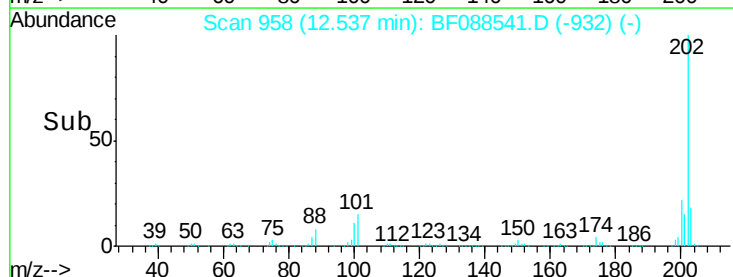
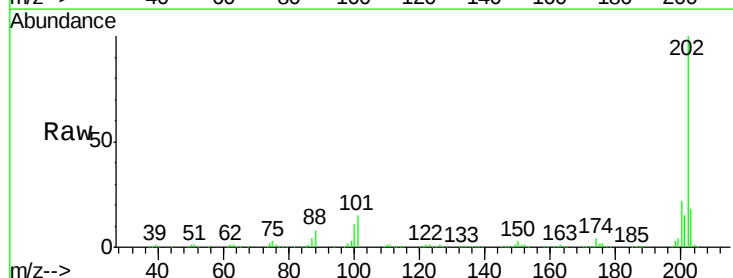
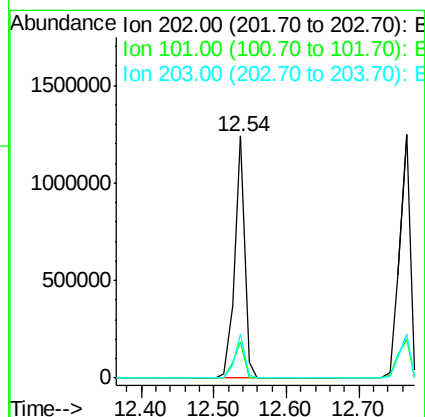
Tgt Ion:202 Resp: 1178562

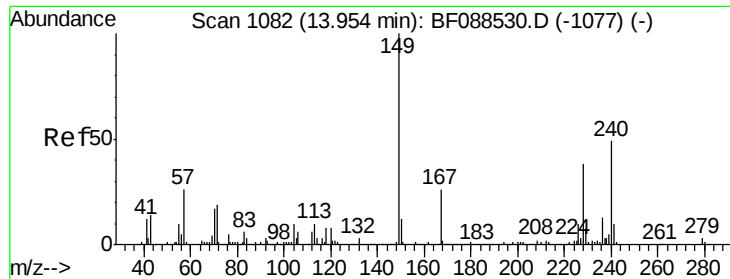
Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.1

203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion:240 Resp: 359220

Ion Ratio Lower Upper

240 100

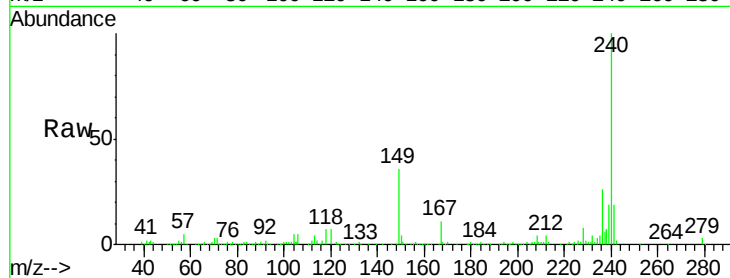
120 7.2 6.8 10.2

236 25.7 20.2 30.2

Manual Integrations

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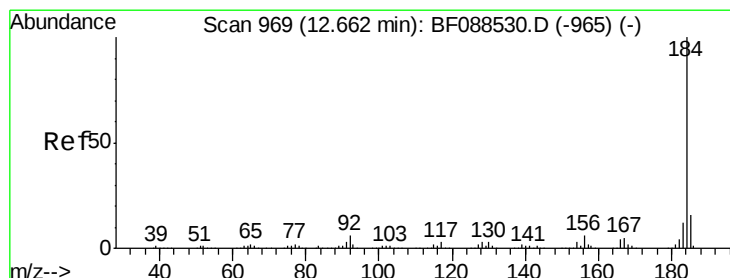
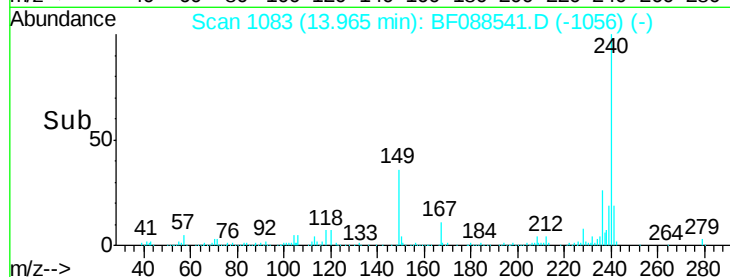
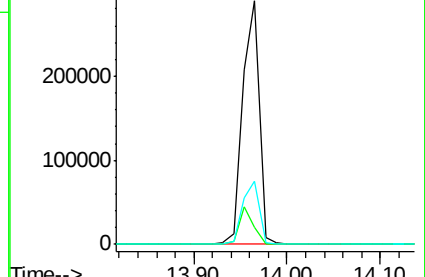
7/1/2016 8:05:22 AM



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: 26.78 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

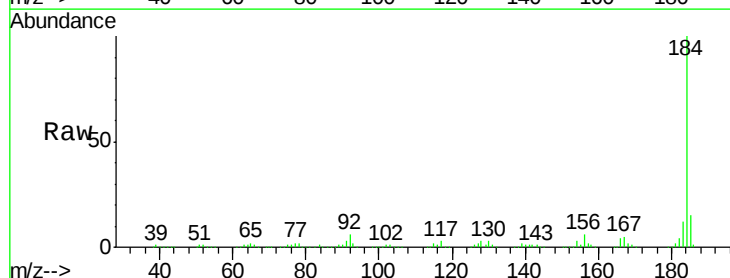
Tgt Ion:184 Resp: 486251

Ion Ratio Lower Upper

184 100

185 15.2 12.5 18.7

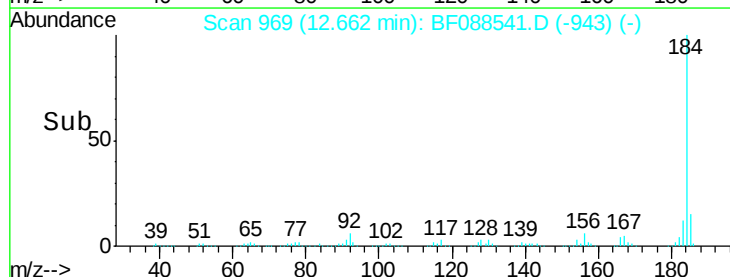
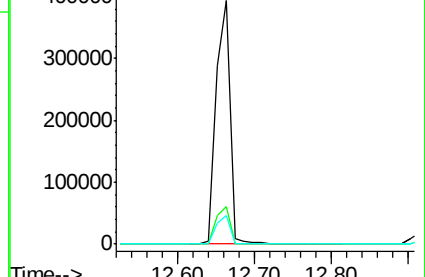
183 11.6 9.3 13.9

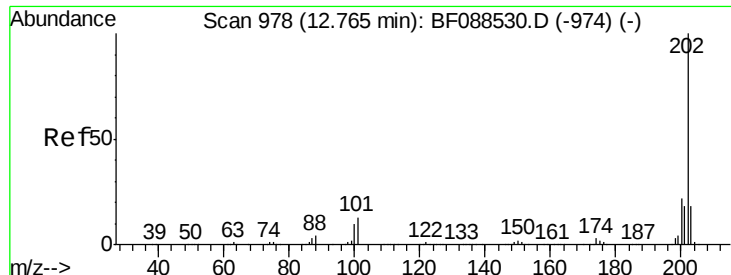


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





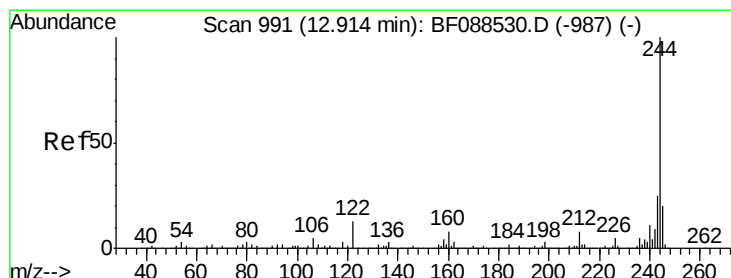
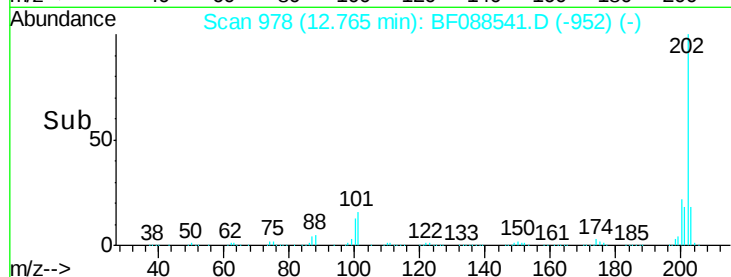
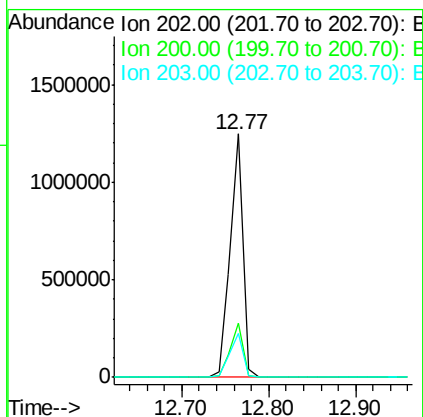
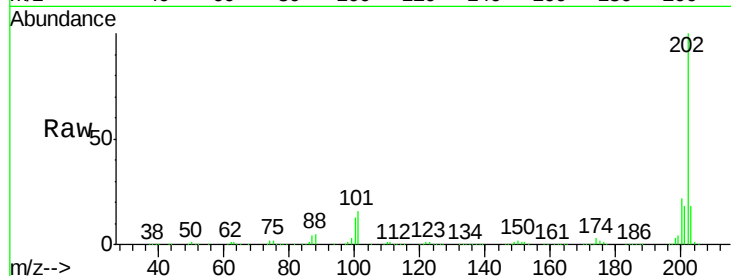
#77
 Pyrene
 Concen: 41.73 ng
 RT: 12.77 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion: 202 Resp: 1270924
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.2
 203 18.0 14.5 21.7

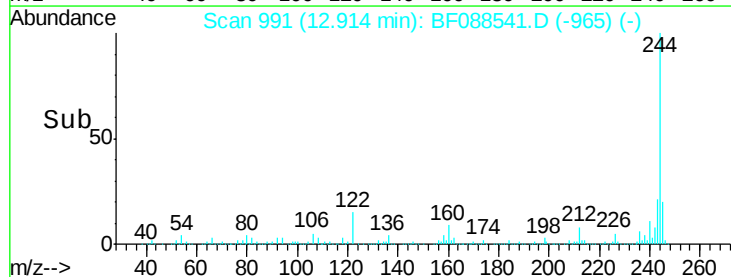
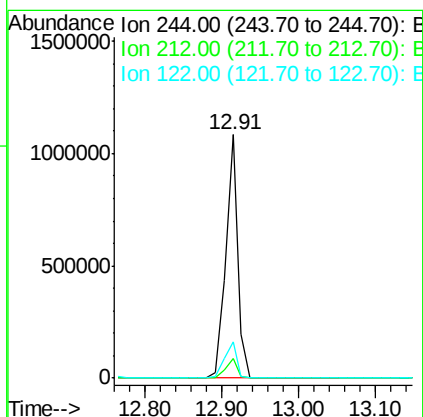
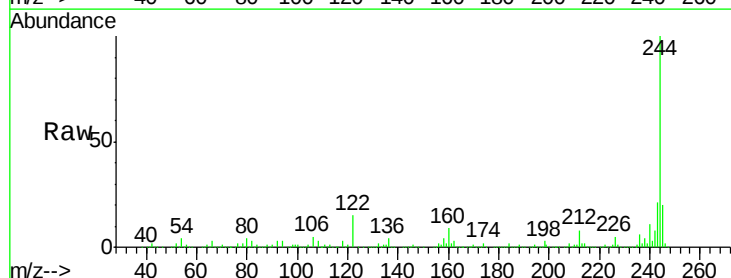
Manual Integrations

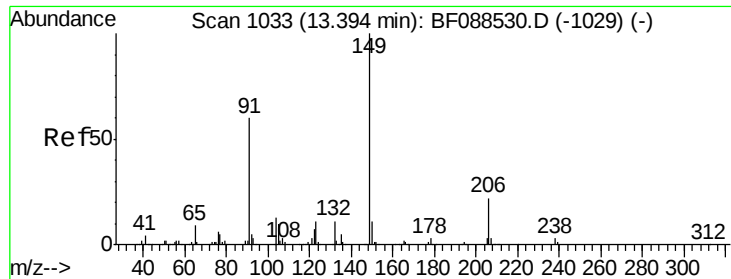
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#78
 Terphenyl-d14
 Concen: 74.42 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion: 244 Resp: 1200206
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 15.0 11.2 16.8





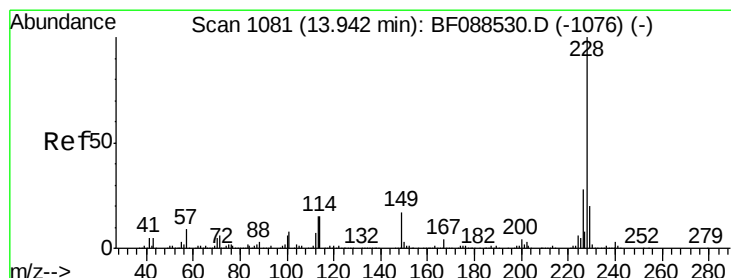
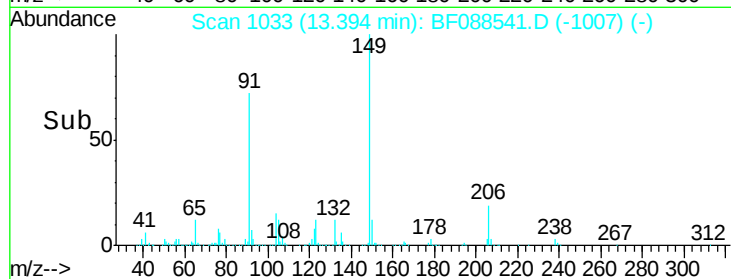
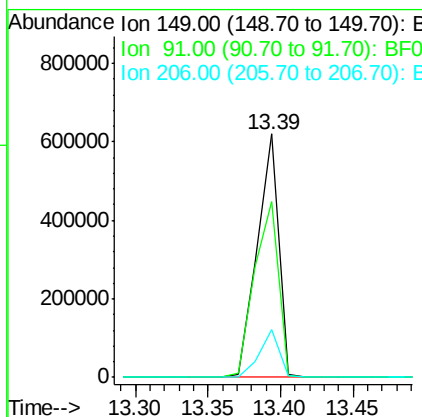
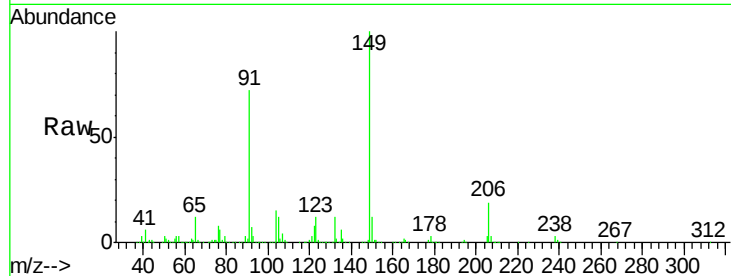
#79
Butylbenzylphthalate
Concen: 46.91 ng
RT: 13.39 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	48.0	72.0#
206	19.4	16.0	24.0

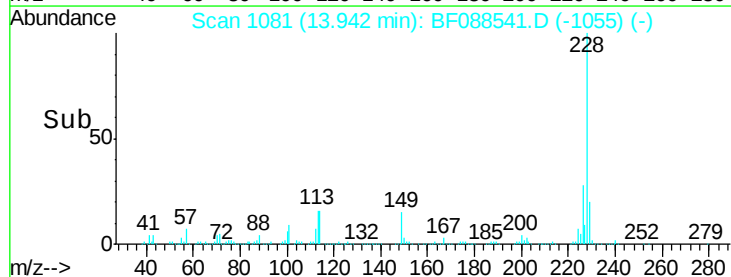
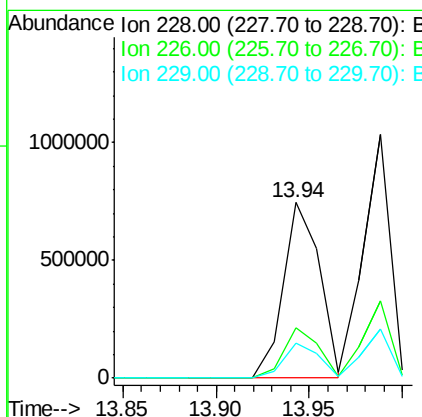
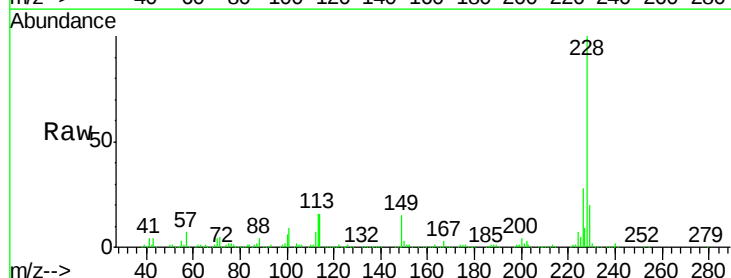
Manual Integrations

APPROVED
SOHIL
7/1/2016 8:05:22 AM



#80
Benzo(a)anthracene
Concen: 43.94 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.1	16.0	24.0





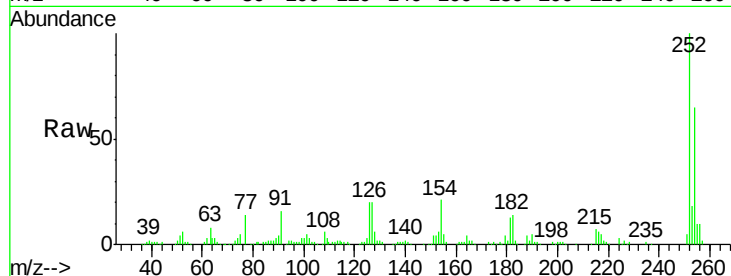
#81
 3,3'-Dichlorobenzidine
 Concen: 19.43 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

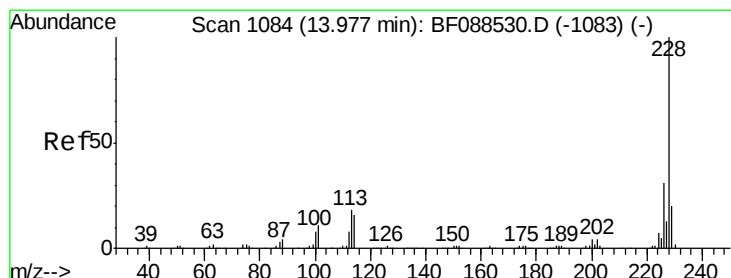
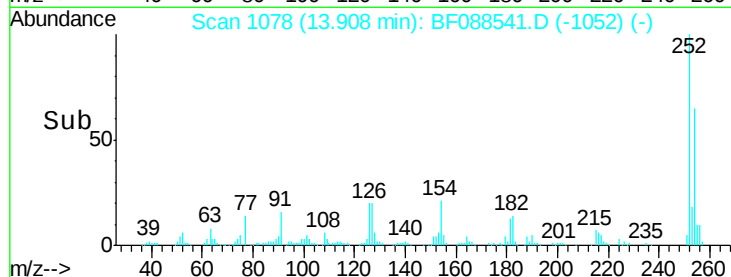
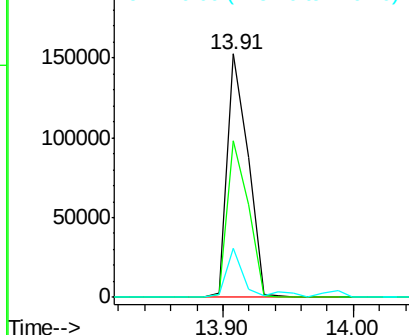
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	20.0	6.2	9.2

Manual Integrations

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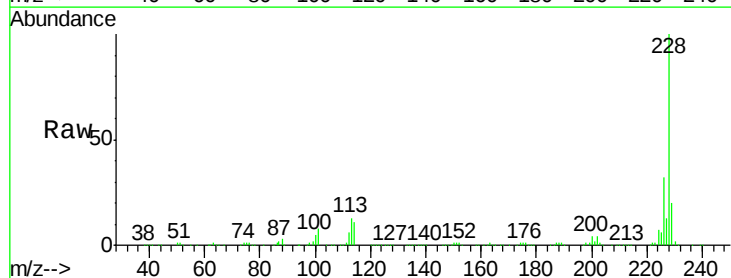


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

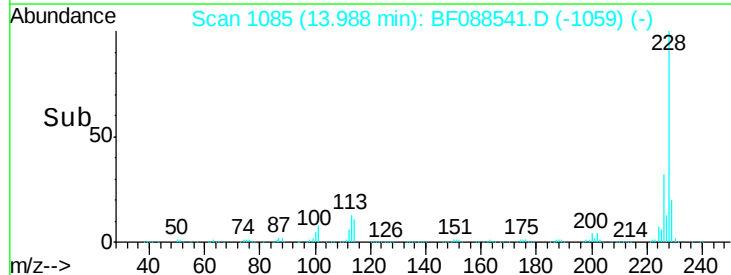
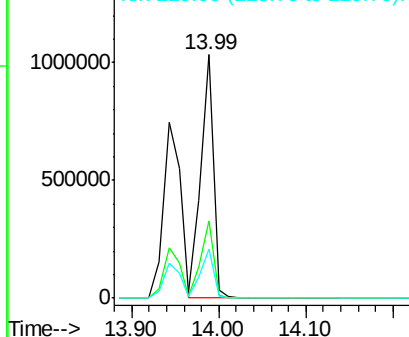


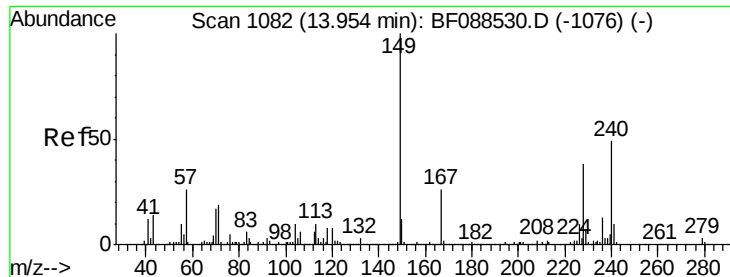
#82
 Chrysene
 Concen: 45.11 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.2
229	20.2	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.15 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088541.D

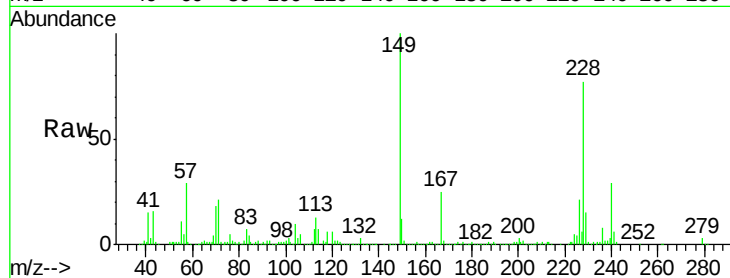
Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS

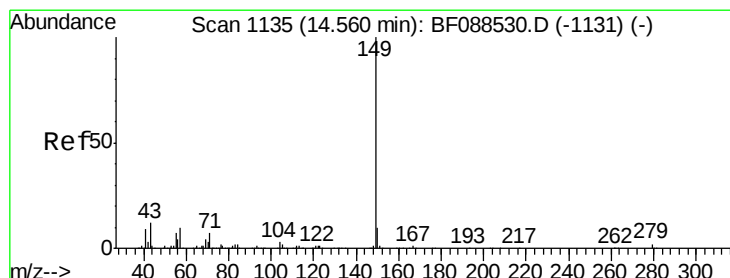
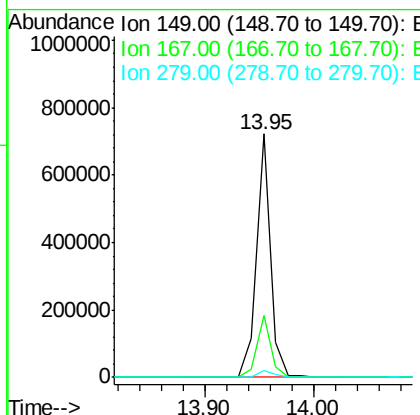
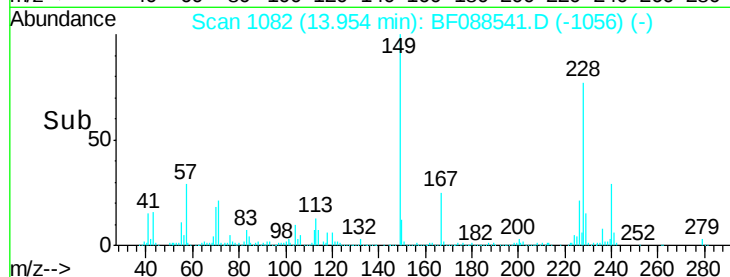


Tgt Ion:	149	Resp:	653721
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.5	30.7
279	2.7	2.0	3.0

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 47.79 ng

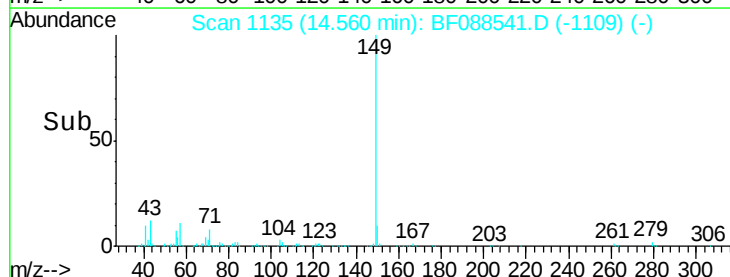
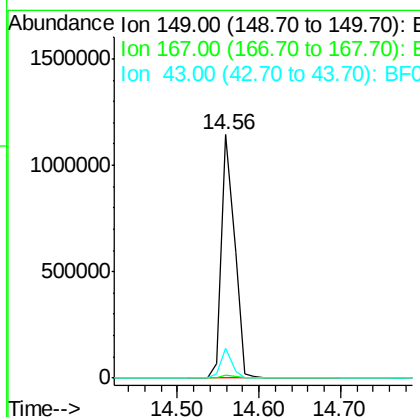
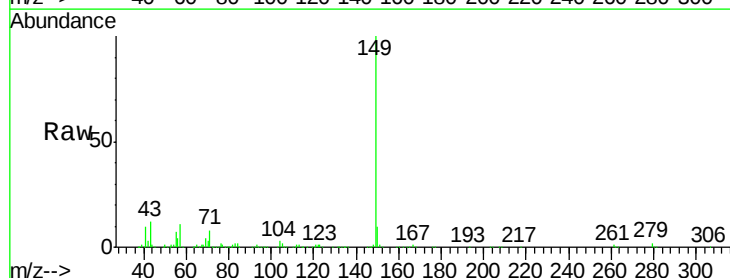
RT: 14.56 min Scan# 1135

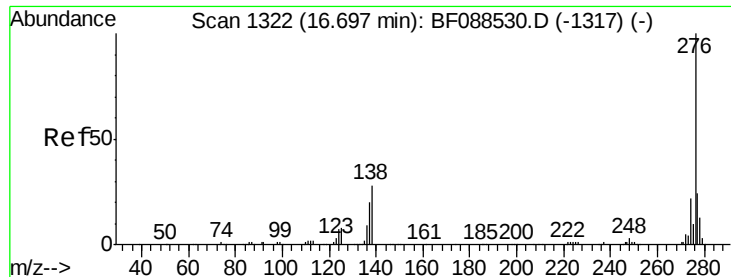
Delta R.T. 0.00 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

Tgt Ion:	149	Resp:	1259200
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	10.6	0.0	0.0#





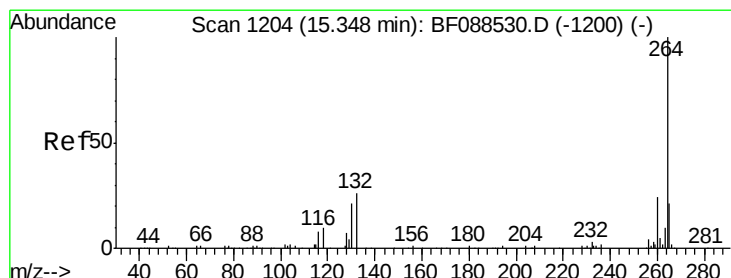
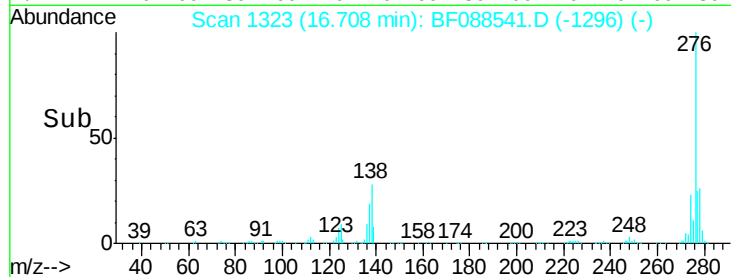
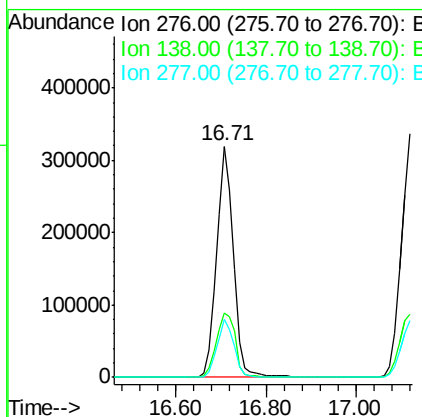
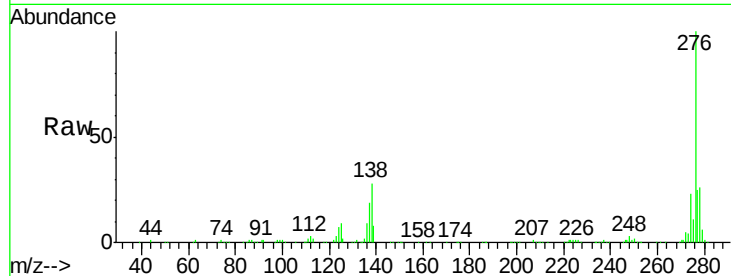
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.24 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	831805		
138	31.7	0.0	0.0	0.0
277	25.3	0.0	0.0	0.0

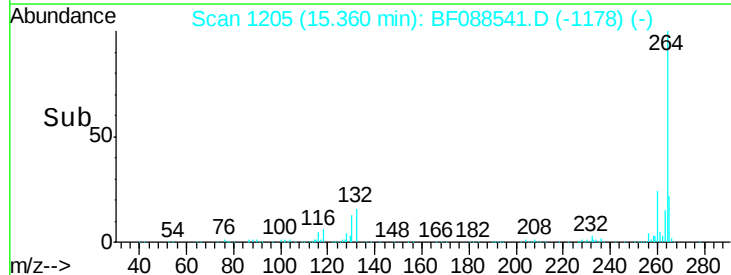
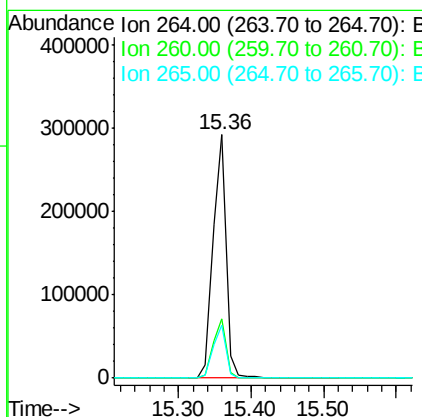
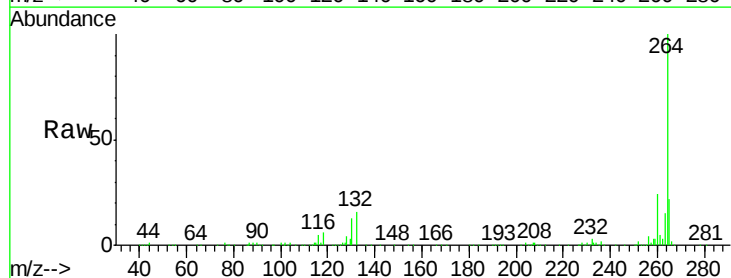
Manual Integrations

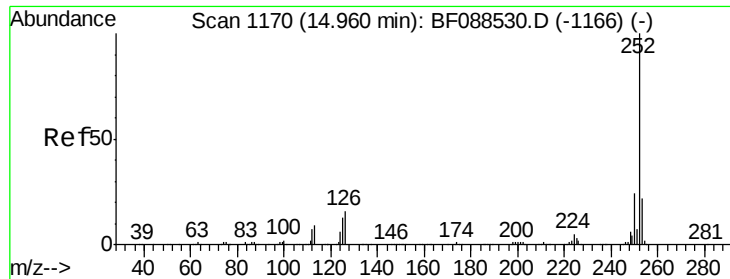
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF088541.D
 Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	364469		
260	24.4	19.2	28.8	
265	21.6	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 50.83 ng m

RT: 14.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF088541.D

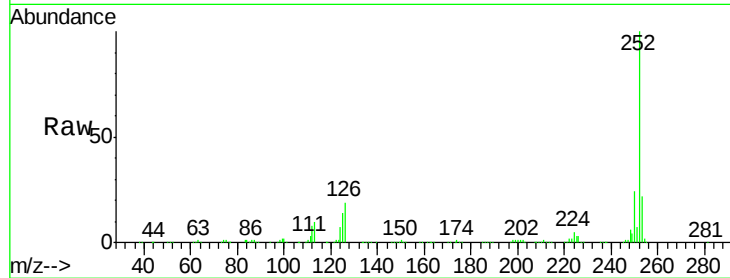
Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampled :

PB91593BS



Tgt Ion:252 Resp: 1162114

Ion Ratio Lower Upper

252 100

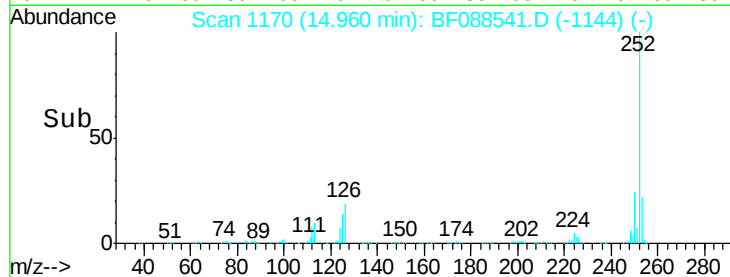
253 22.2 17.4 26.2

125 14.4 7.1 10.7#

Manual Integrations

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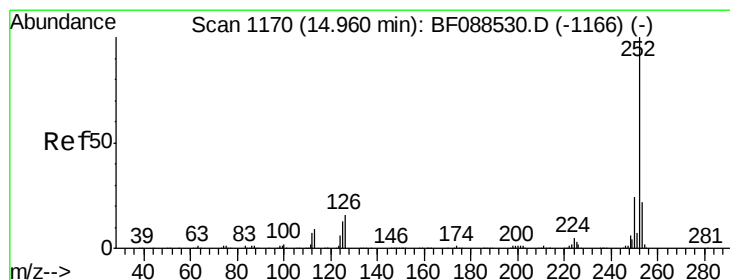
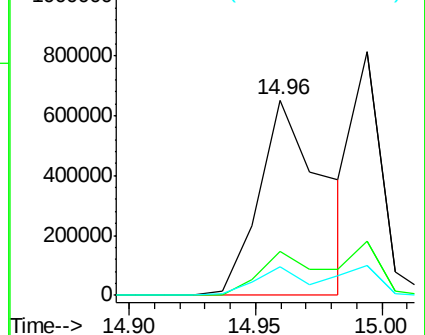
7/1/2016 8:05:22 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.58 ng m

RT: 14.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF088541.D

Acq: 30 Jun 2016 20:58

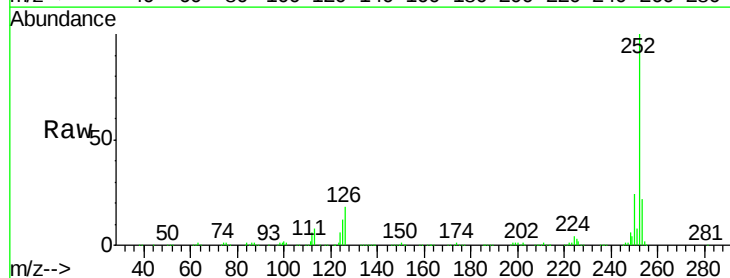
Tgt Ion:252 Resp: 628534

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

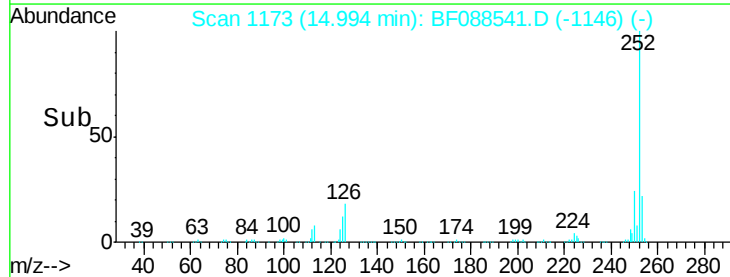
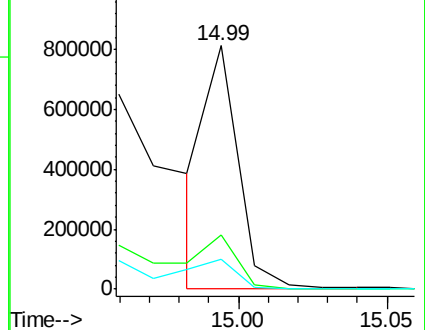
125 12.5 11.2 16.8

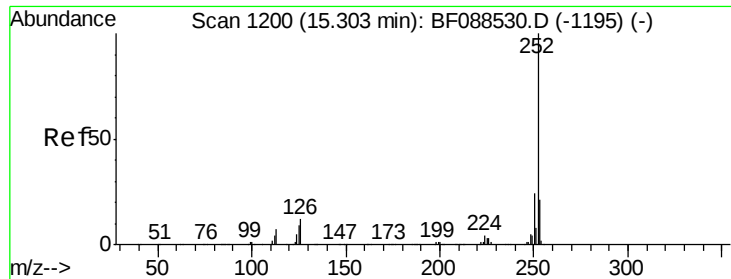


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





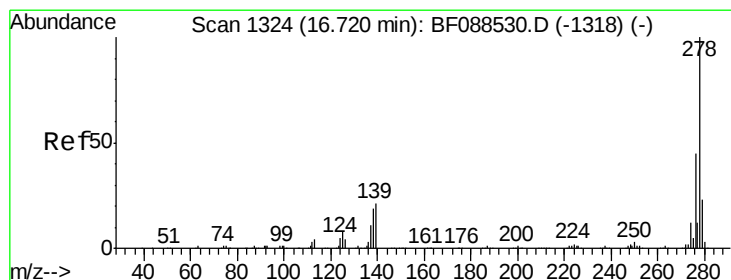
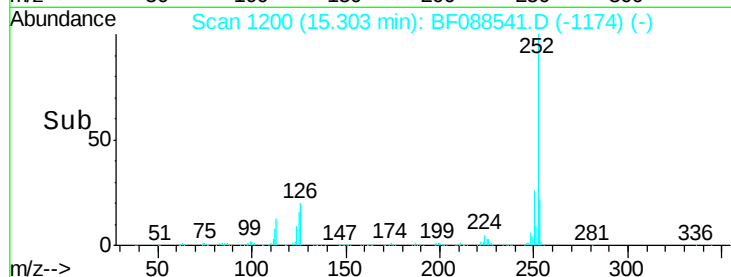
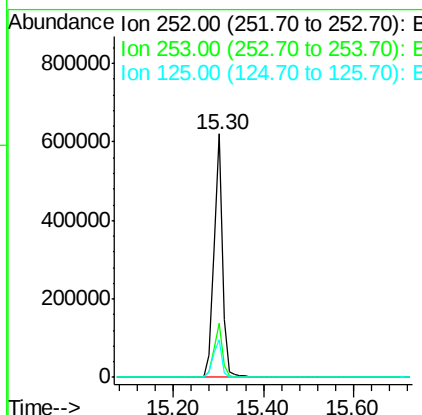
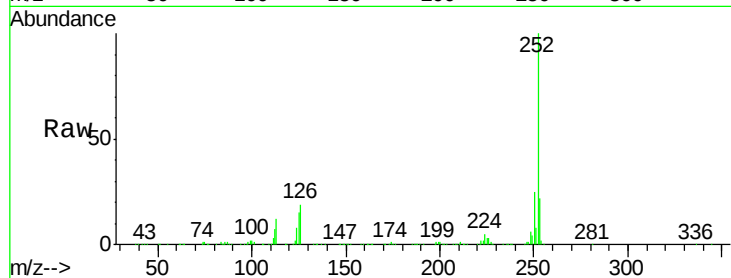
#89
Benzo(a)pyrene
Concen: 42.32 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	15.2	12.5	18.7

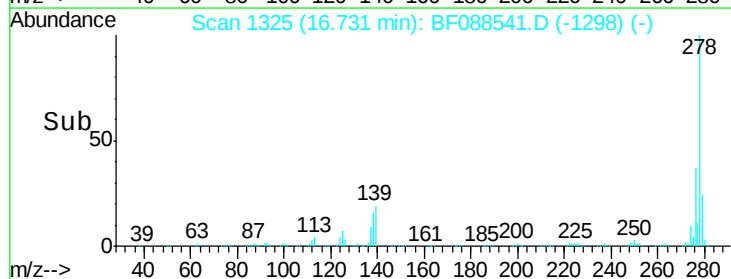
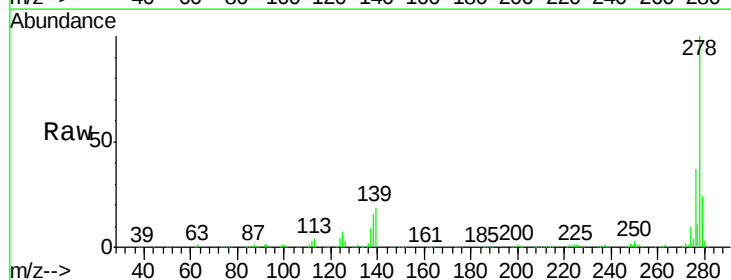
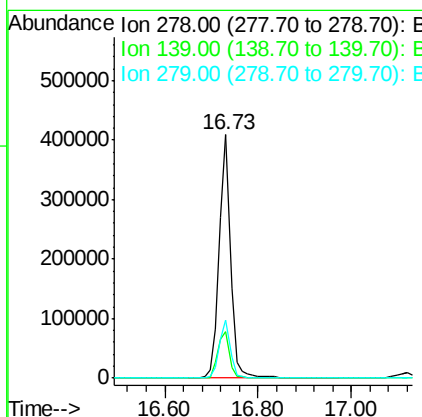
Manual Integrations

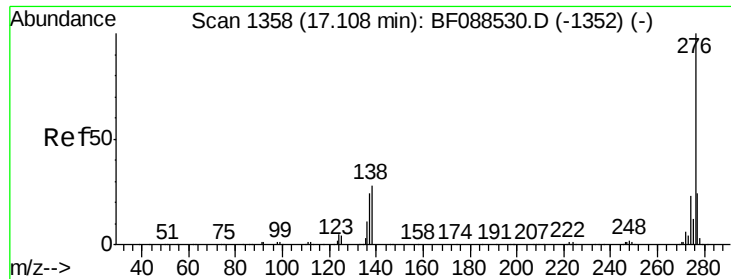
SOHIL
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#90
Dibenzo(a,h)anthracene
Concen: 42.50 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF088541.D
Acq: 30 Jun 2016 20:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.7	23.5
279	23.8	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 42.39 ng

RT: 17.12 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF088541.D

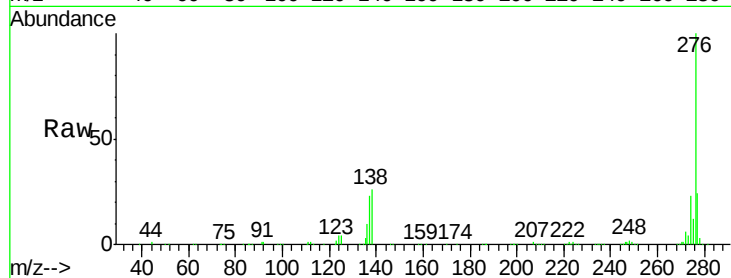
Acq: 30 Jun 2016 20:58

Instrument :

BNA_F

ClientSampleId :

PB91593BS



Tgt Ion:	276	Resp:	709086
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.9	28.3
138	26.2	21.4	32.2

Manual Integrations

SOHIL

7/1/2016 8:05:22 AM

