

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088532.D
 Acq On : 30 Jun 2016 16:37
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:06:54 AM

Quant Time: Jun 30 17:09:15 2016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 30 16:14:19 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127377	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	513027	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	233742	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	435916	20.00	ng	0.00
75) Chrysene-d12	13.97	240	251550	20.00	ng	0.01
86) Perylene-d12	15.35	264	241186	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	857105	51.77	ng	0.00
7) Phenol-d6	6.46	99	1234767	57.04	ng	0.01
23) Nitrobenzene-d5	7.38	82	1180934	59.32	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	223243	53.20	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1723326	55.37	ng	0.01
78) Terphenyl-d14	12.91	244	1288863	56.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	241847	57.79	ng	# 32
3) Pyridine	3.08	79	710286	58.02	ng	97
4) n-Nitrosodimethylamine	3.05	42	280125	59.01	ng	93
6) Aniline	6.48	93	873506	54.05	ng	94
8) 2-Chlorophenol	6.60	128	527532	56.01	ng	92
9) Benzaldehyde	6.36	77	423767	96.28	ng	90
10) Phenol	6.47	94	756828	58.55	ng	74
11) bis(2-Chloroethyl)ether	6.56	93	532854	55.40	ng	92
12) 1,3-Dichlorobenzene	6.75	146	542251m	54.95	ng	
13) 1,4-Dichlorobenzene	6.83	146	520245	52.56	ng	95
14) 1,2-Dichlorobenzene	6.99	146	524537	56.79	ng	# 94
15) Benzyl Alcohol	6.96	79	413625	47.12	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	787738	58.53	ng	92
17) 2-Methylphenol	7.07	107	407324	51.19	ng	97
18) Hexachloroethane	7.34	117	225645	59.10	ng	93
19) n-Nitroso-di-n-propylamine	7.24	70	393468	52.42	ng	92
20) 3+4-Methylphenols	7.23	107	445795	47.66	ng	# 74
22) Acetophenone	7.23	105	639962	51.52	ng	# 82
24) Nitrobenzene	7.40	77	567938	55.00	ng	# 83
25) Isophorone	7.66	82	1058765	54.70	ng	100
26) 2-Nitrophenol	7.72	139	255253	60.79	ng	# 74
27) 2,4-Dimethylphenol	7.76	122	454242	52.99	ng	91
28) bis(2-Chloroethoxy)methane	7.86	93	713558	59.34	ng	# 97
29) 2,4-Dichlorophenol	7.96	162	417944	58.84	ng	93
30) 1,2,4-Trichlorobenzene	8.04	180	413427	55.05	ng	99
31) Naphthalene	8.12	128	1345953	53.36	ng	100
32) Benzoic acid	7.91	122	386083	83.59	ng	92
33) 4-Chloroaniline	8.17	127	594906	53.67	ng	95
34) Hexachlorobutadiene	8.25	225	242626	60.94	ng	99
35) Caprolactam	8.56	113	132527	52.75	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	497555	61.79	ng	92
37) 2-Methylnaphthalene	8.81	142	903276	53.99	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	394311	61.36	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	210266	50.75	ng	99

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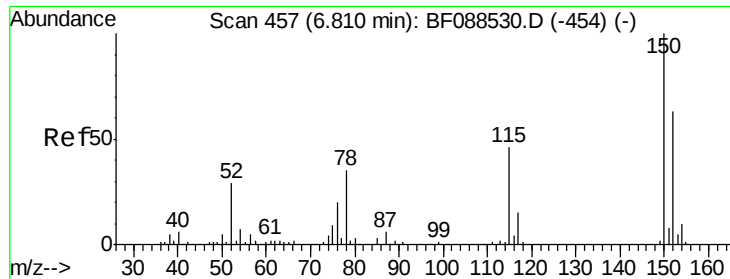
Manual Integrations

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	295408	57.78	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	290882	61.61	ng #	93
45) 1,1'-Biphenyl	9.28	154	973265	52.50	ng	98
46) 2-Chloronaphthalene	9.30	162	777147	52.03	ng	97
47) 2-Nitroaniline	9.39	65	292262	57.63	ng	95
48) Acenaphthylene	9.71	152	1292094	53.25	ng	99
49) Dimethylphthalate	9.59	163	934899	53.33	ng	100
50) 2,6-Dinitrotoluene	9.64	165	249088	64.49	ng #	85
51) Acenaphthene	9.88	154	822019	54.68	ng	98
52) 3-Nitroaniline	9.80	138	264485	57.17	ng	87
53) 2,4-Dinitrophenol	9.91	184	105244	68.62	ng	95
54) Dibenzofuran	10.06	168	988787	46.56	ng #	86
55) 4-Nitrophenol	9.96	139	251397	67.24	ng #	83
56) 2,4-Dinitrotoluene	10.04	165	330531	66.32	ng #	81
57) Fluorene	10.40	166	710515	46.22	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	196266	50.86	ng #	50
59) Diethylphthalate	10.28	149	976415	54.25	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	384256	55.05	ng	93
61) 4-Nitroaniline	10.42	138	251143	57.13	ng	86
62) Azobenzene	10.56	77	1161312	52.78	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	134113	66.66	ng	81
65) n-Nitrosodiphenylamine	10.51	169	747722	49.99	ng	98
66) 4-Bromophenyl-phenylether	10.88	248	238785	53.46	ng #	75
67) Hexachlorobenzene	10.95	284	268853	56.50	ng	93
68) Atrazine	11.04	200	244190	52.56	ng	92
69) Pentachlorophenol	11.13	266	170323	59.71	ng	97
70) Phenanthrene	11.36	178	1330860	53.69	ng	99
71) Anthracene	11.41	178	1224201	50.29	ng	99
72) Carbazole	11.57	167	1334400	57.38	ng	99
73) Di-n-butylphthalate	11.90	149	1435330	52.89	ng #	99
74) Fluoranthene	12.54	202	1220307	50.79	ng	97
76) Benzidine	12.66	184	815254	99.85	ng	95
77) Pyrene	12.77	202	1269190	58.92	ng	99
79) Butylbenzylphthalate	13.39	149	644869	67.20	ng #	87
80) Benzo(a)anthracene	13.94	228	976358	58.35	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	402282	72.27	ng	99
82) Chrysene	13.99	228	993833	60.51	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	681088	61.08	ng	99
84) Di-n-octyl phthalate	14.56	149	1166174	63.20	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	783636	60.44	ng #	100
87) Benzo(b)fluoranthene	14.96	252	788479m	53.07	ng	
88) Benzo(k)fluoranthene	14.99	252	814898m	59.32	ng	
89) Benzo(a)pyrene	15.30	252	748218	55.46	ng	96
90) Dibenzo(a,h)anthracene	16.73	278	663685	60.16	ng	99
91) Benzo(g,h,i)perylene	17.12	276	707047	61.69	ng	100

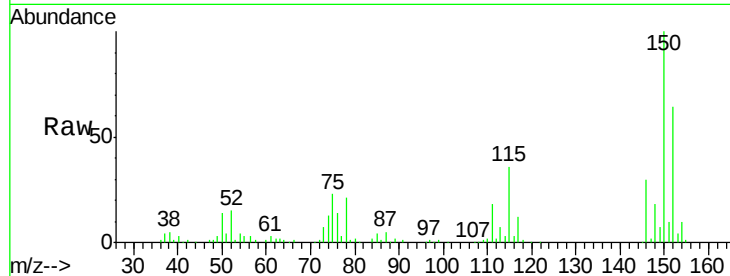
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

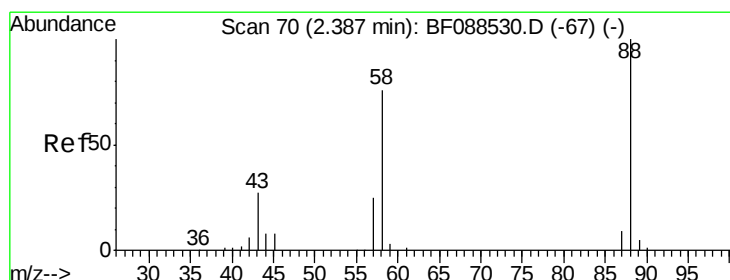
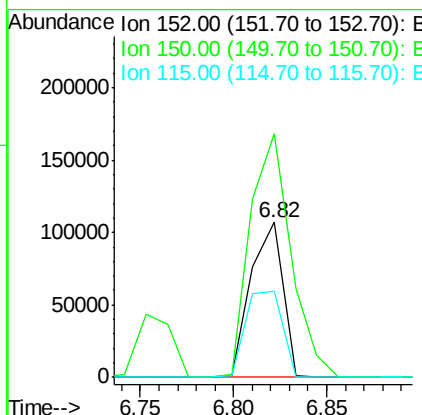
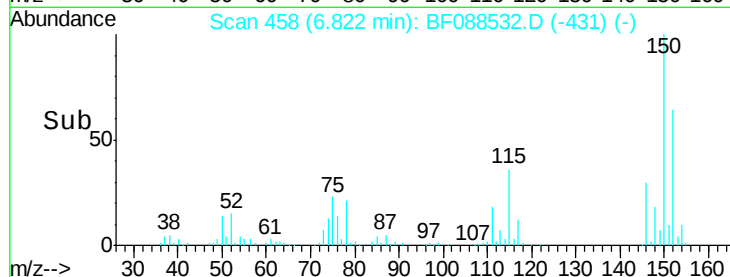
Instrument :
BNA_F
ClientSampleId :
SSTDIC060



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	55.8	39.6	59.4

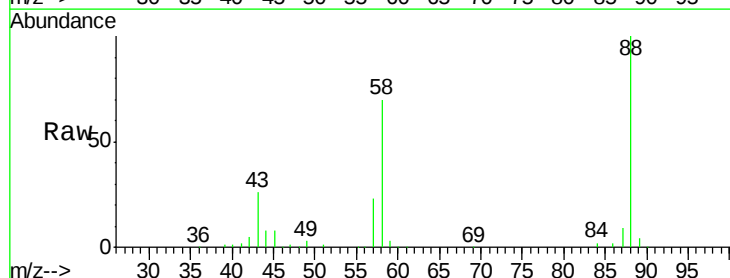
Manual Integrations

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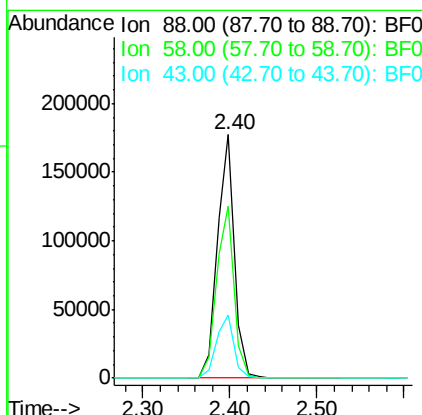
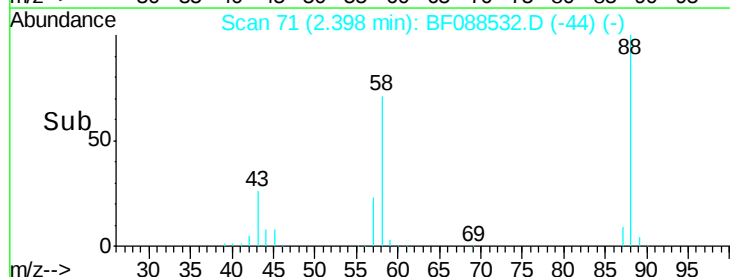


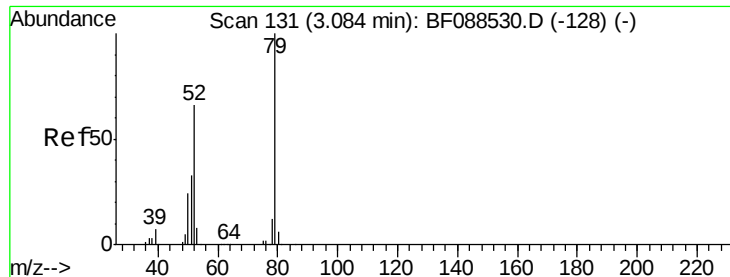
#2

1,4-Dioxane
Concen: 57.79 ng
RT: 2.40 min Scan# 71
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37



Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	0.0	0.0#
43	26.7	3.4	5.2#





#3

Pyridine

Concen: 58.02 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 710286

Ion Ratio Lower Upper

79 100

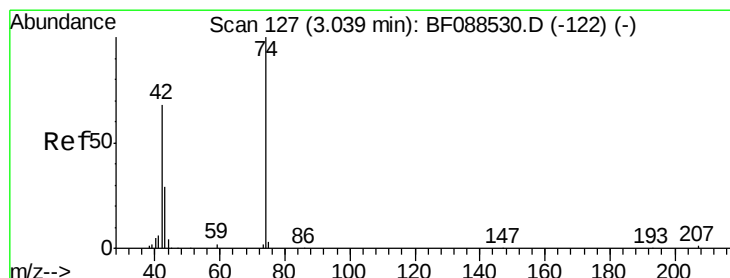
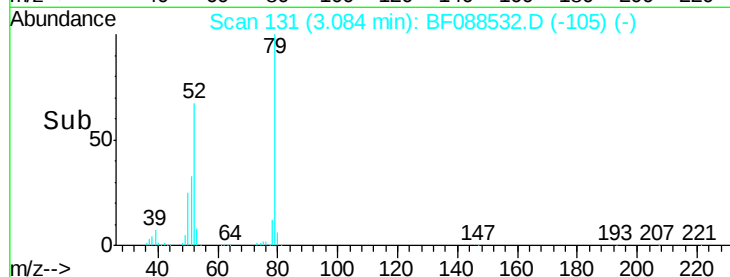
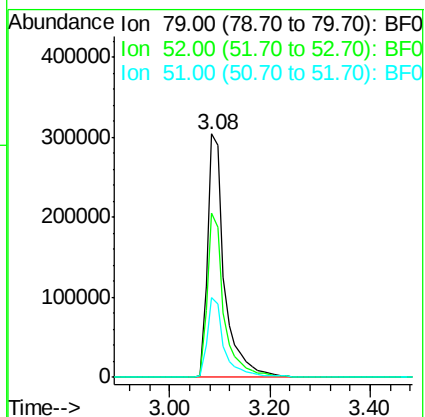
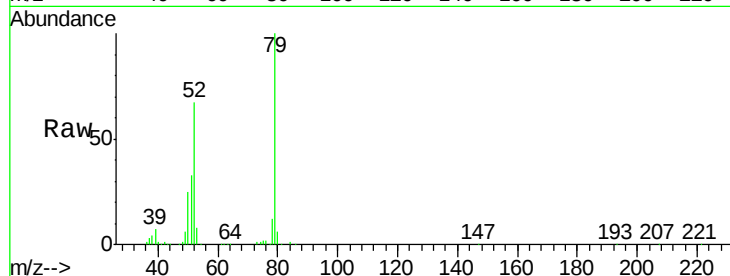
52 67.5 56.3 84.5

51 32.9 27.4 41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 59.01 ng

RT: 3.05 min Scan# 128

Delta R.T. 0.01 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

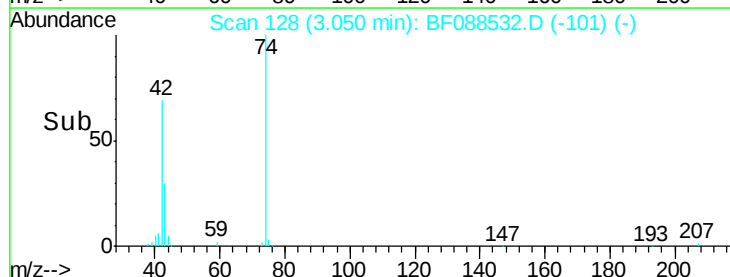
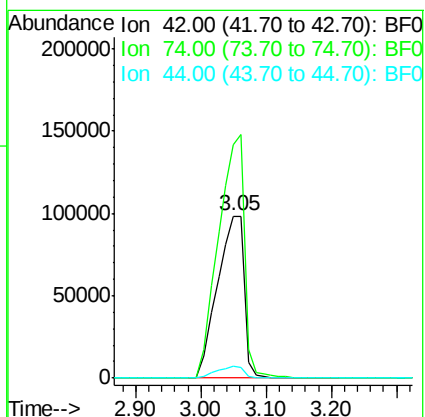
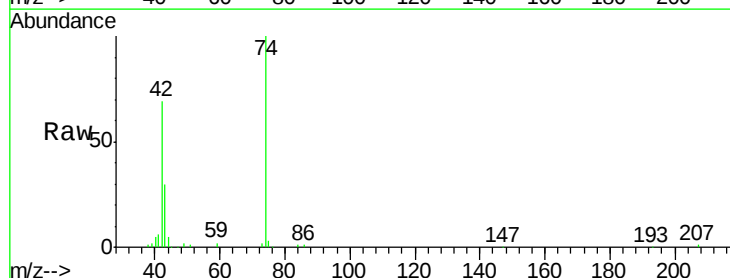
Tgt Ion: 42 Resp: 280125

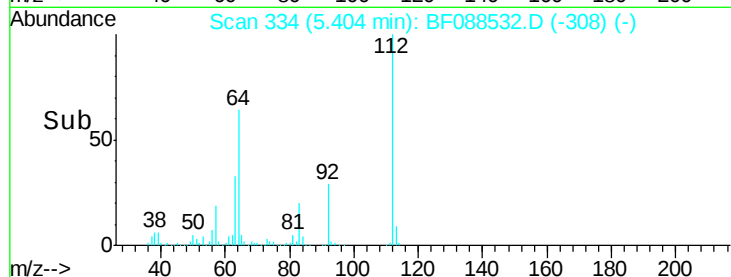
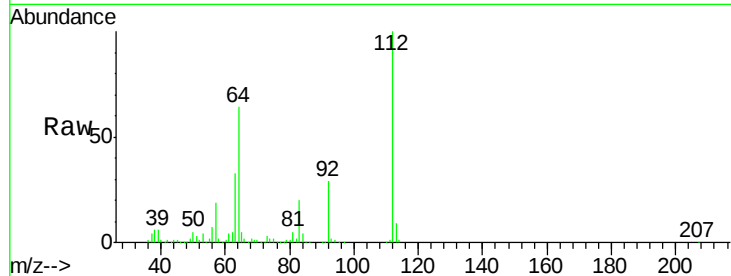
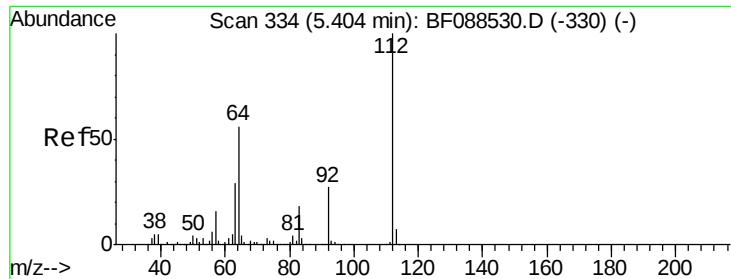
Ion Ratio Lower Upper

42 100

74 144.3 108.6 163.0

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 51.77 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	857105		
64	64.2	42.2	63.2#	
63	33.2	21.8	32.8#	

Instrument :

BNA_F

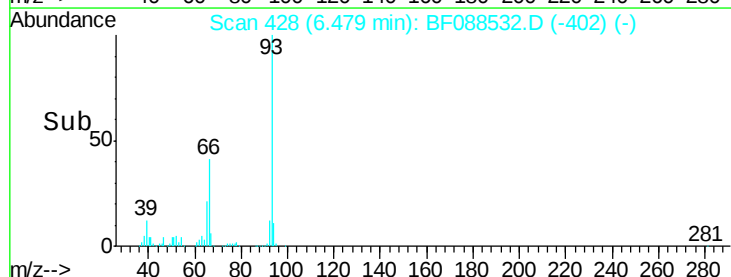
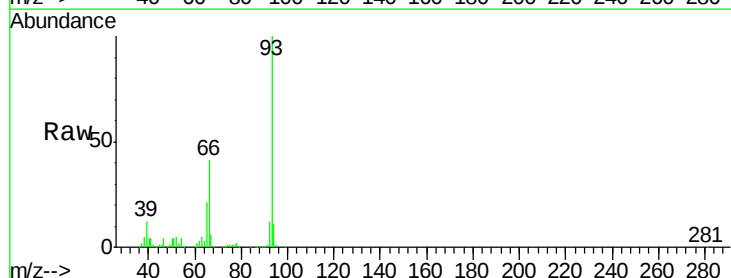
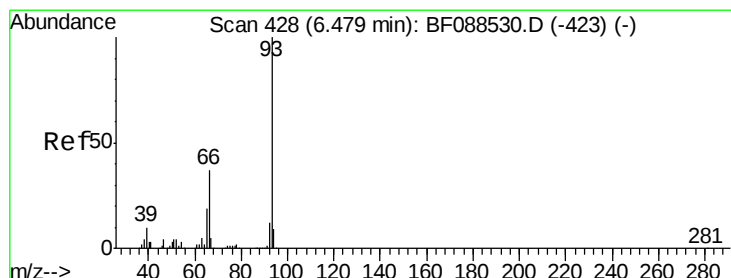
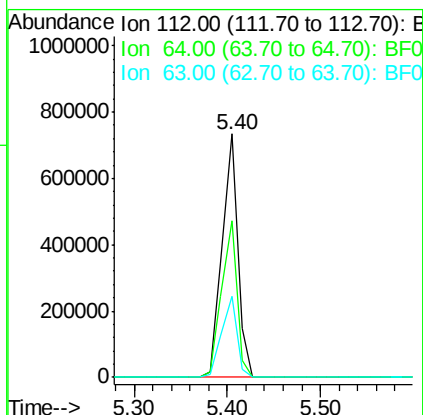
ClientSampleId :

SSTDIC060

Manual Integrations

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#6

Aniline

Concen: 54.05 ng

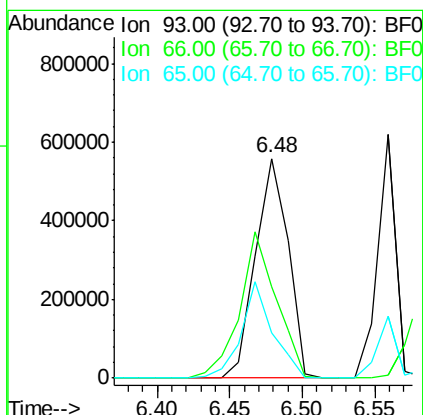
RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	873506		
66	41.3	29.8	44.8	
65	20.6	14.9	22.3	





#7

Phenol-d6

Concen: 57.04 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1234767

Ion Ratio Lower Upper

99 100

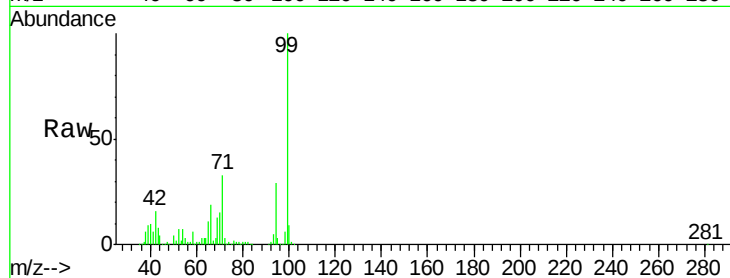
42 16.5 12.2 18.2

71 33.5 23.4 35.0

Manual Integrations

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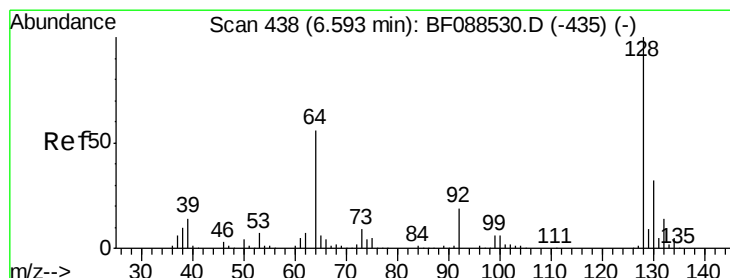
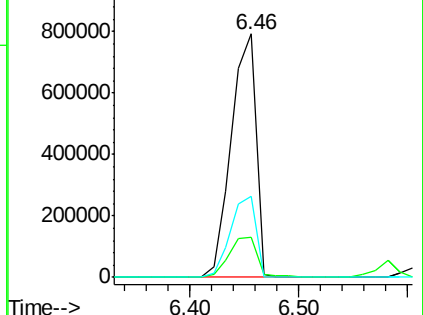
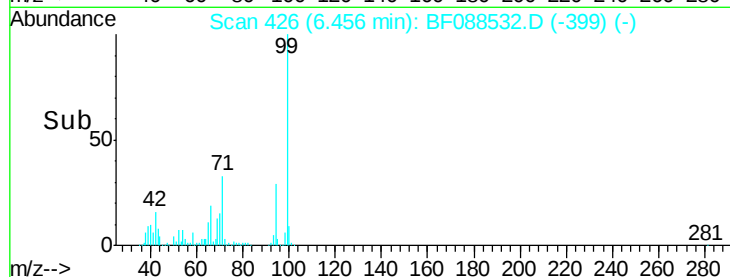
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 56.01 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

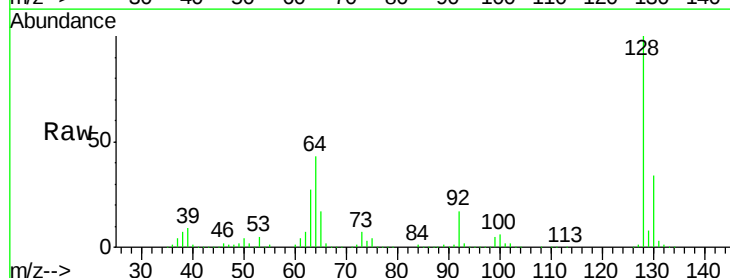
Tgt Ion: 128 Resp: 527532

Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

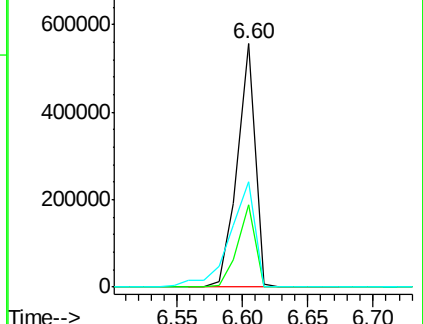
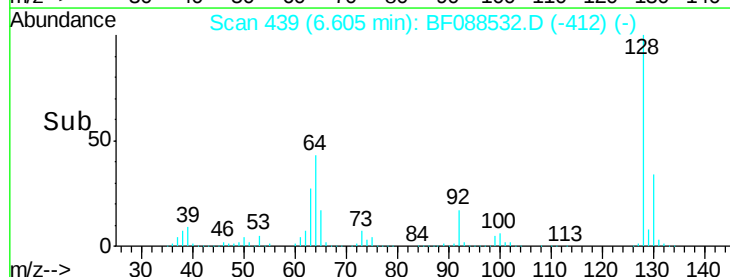
64 43.1 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 96.28 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088532.D

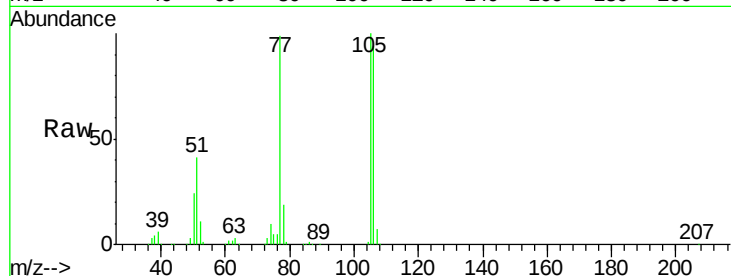
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

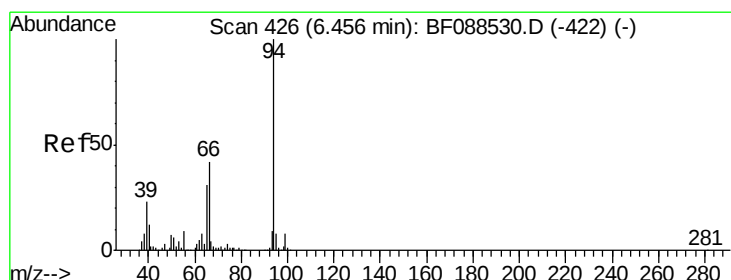
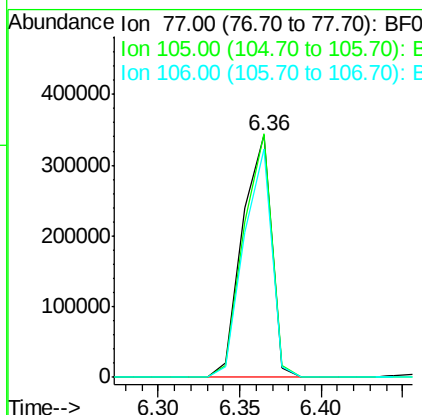
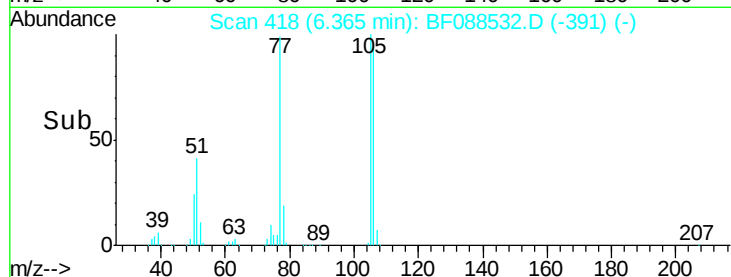


Tgt Ion:	77	Resp:	423767
Ion Ratio	Lower	Upper	
77	100		
105	100.6	90.6	130.6
106	94.4	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 58.55 ng

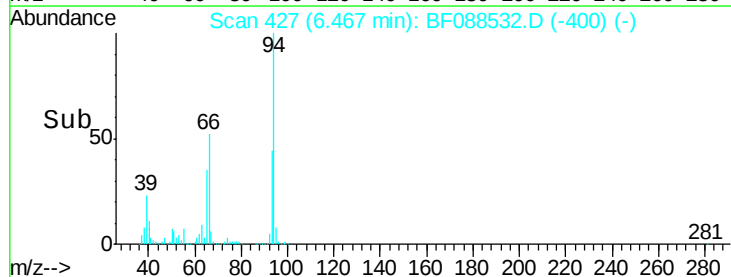
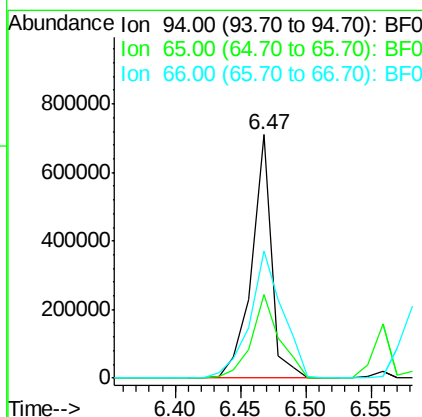
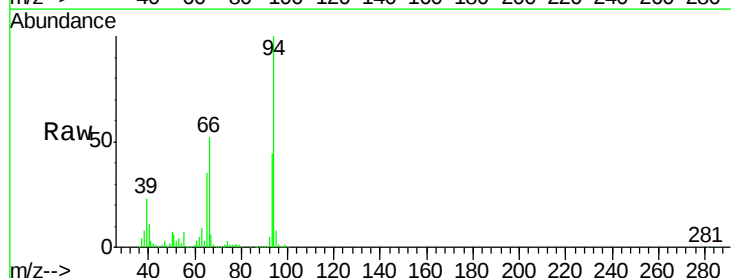
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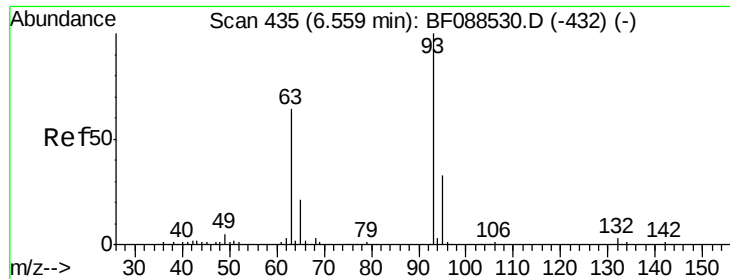
Delta R.T. 0.01 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Tgt Ion:	94	Resp:	756828
Ion Ratio	Lower	Upper	
94	100		
65	34.5	5.9	45.9
66	52.4	14.0	54.0





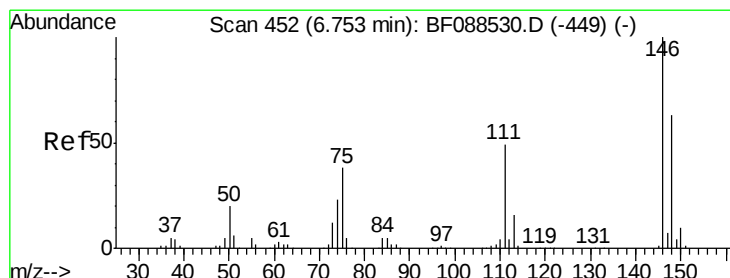
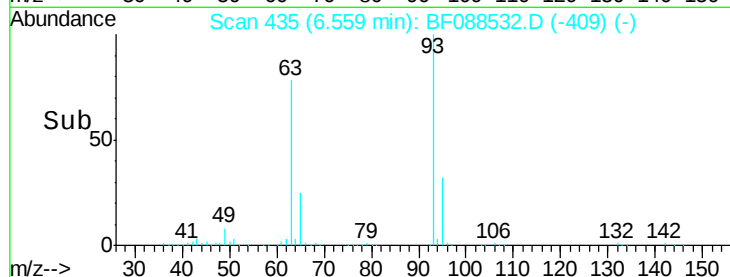
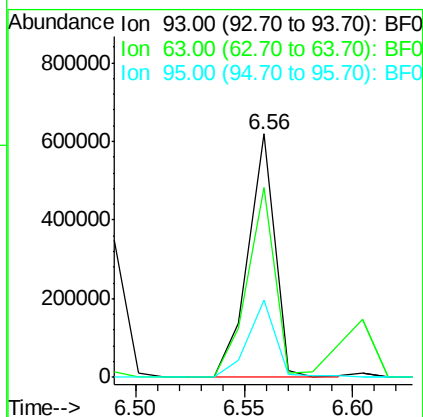
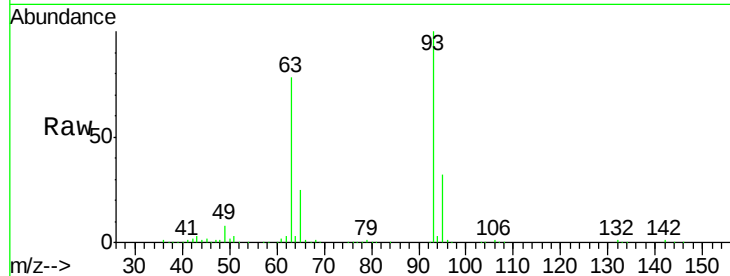
#11
bis(2-Chloroethyl)ether
Concen: 55.40 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.0	67.6	107.6
95	31.8	12.5	52.5

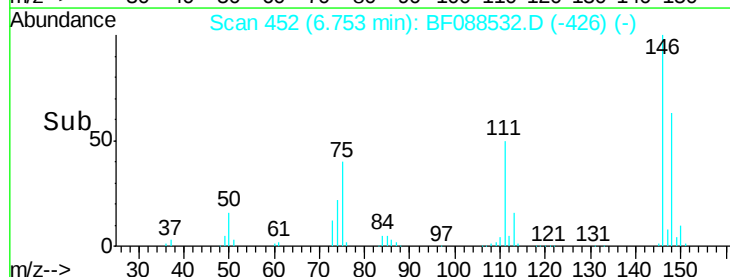
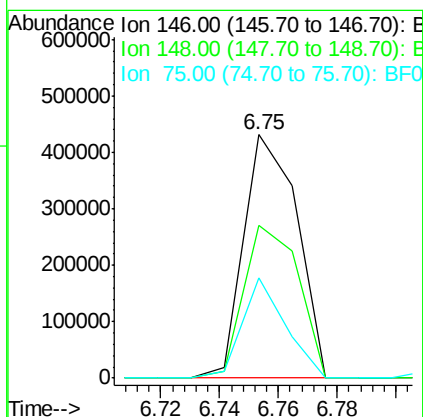
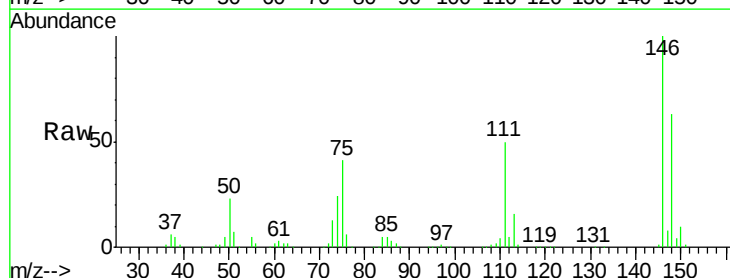
Manual Integrations

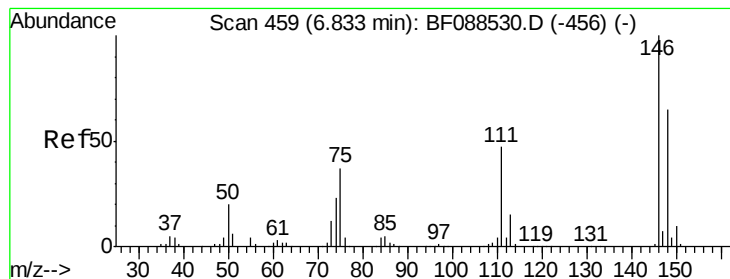
APPROVED
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7/1/2016 8:06:54 AM



#12
1,3-Dichlorobenzene
Concen: 54.95 ng m
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
75	41.0	25.6	38.4#





#13

1,4-Dichlorobenzene

Concen: 52.56 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 520245

Ion Ratio Lower Upper

146 100

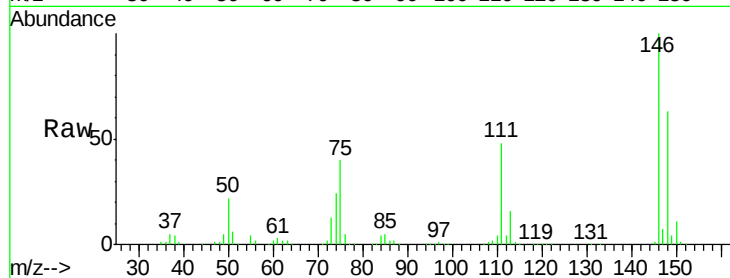
148 63.3 52.0 78.0

111 48.1 33.8 50.8

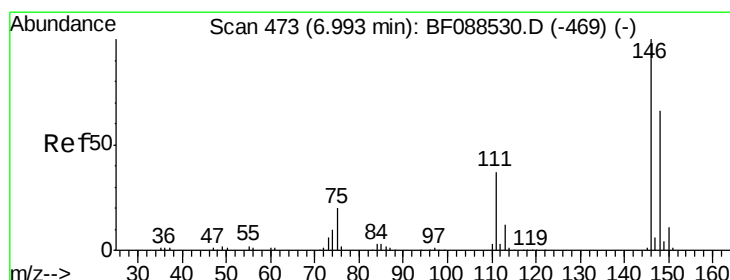
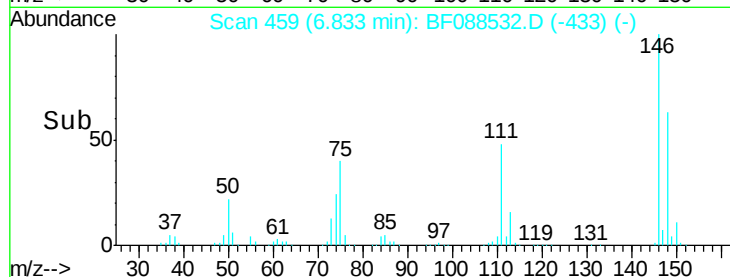
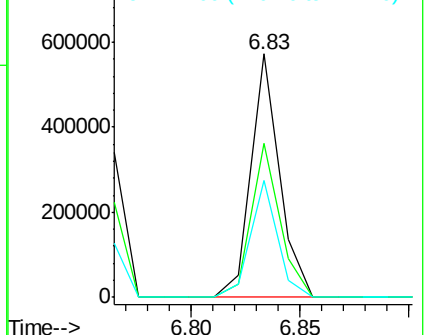
Manual Integrations

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 56.79 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

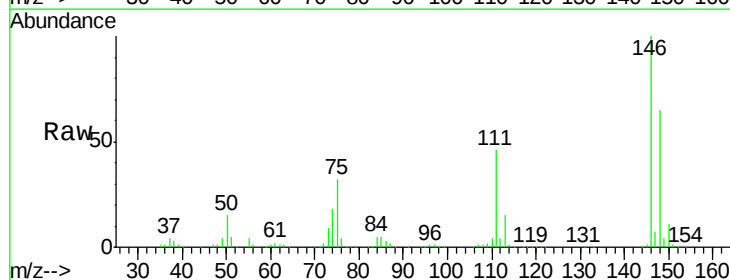
Tgt Ion:146 Resp: 524537

Ion Ratio Lower Upper

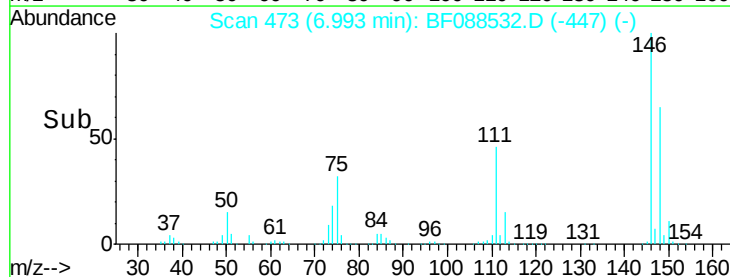
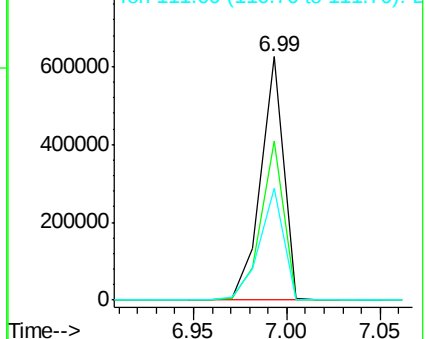
146 100

148 65.5 52.3 78.5

111 46.1 28.7 43.1#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.12 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 413625

Ion Ratio Lower Upper

79 100

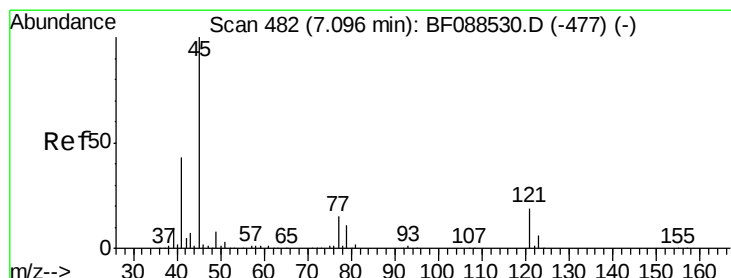
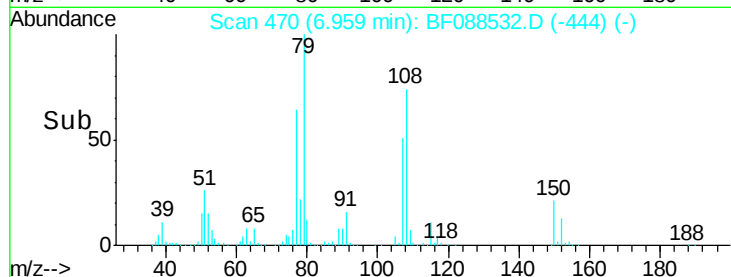
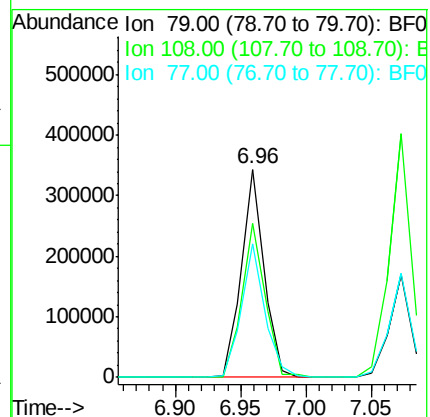
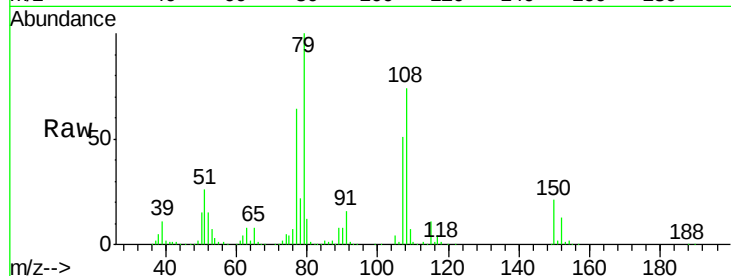
108 73.7 65.0 97.6

77 64.4 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.53 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

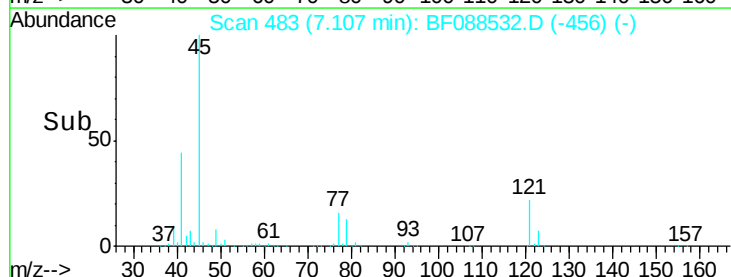
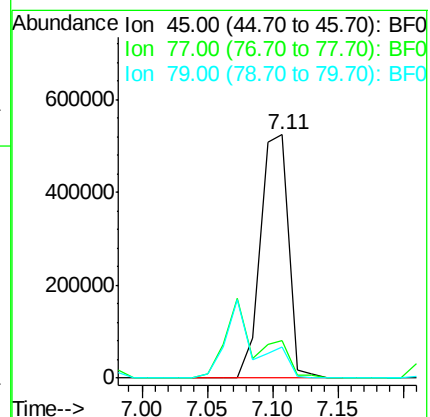
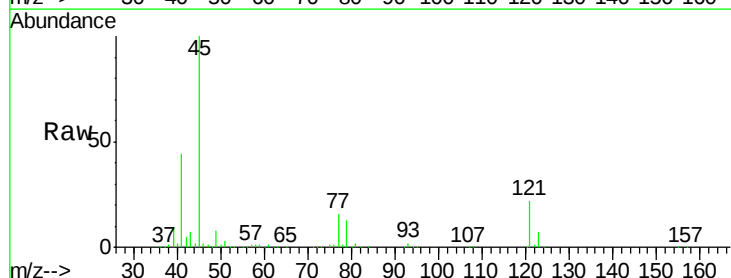
Tgt Ion: 45 Resp: 787738

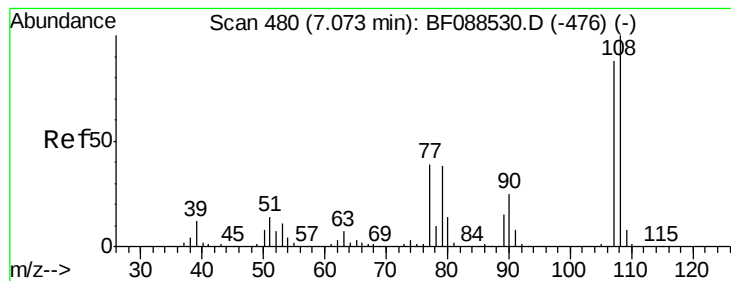
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.5

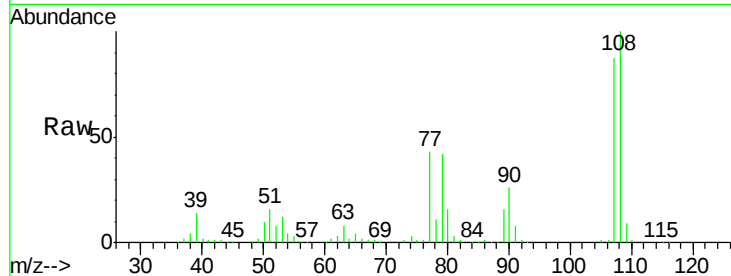
79 12.8 0.0 29.5





#17
2-Methylphenol
Concen: 51.19 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

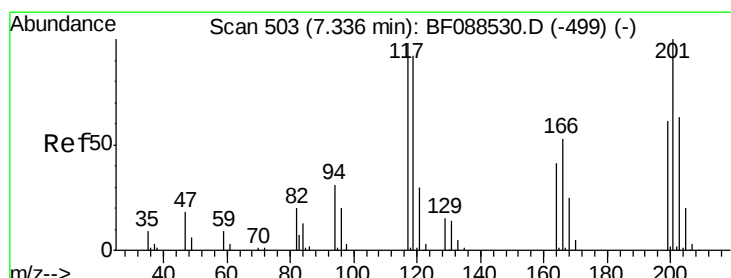
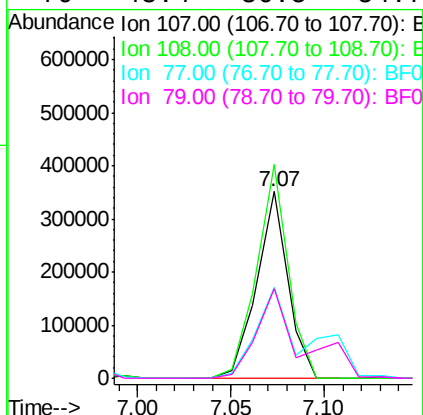
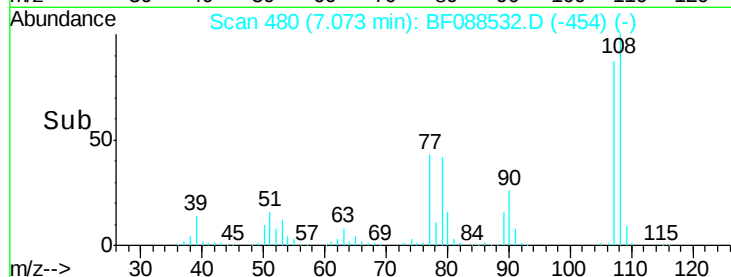
Instrument :
BNA_F
ClientSampleId :
SSTDIC060



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	407324		
108	114.6	90.9	136.3	
77	49.1	36.6	55.0	
79	48.4	36.5	54.7	

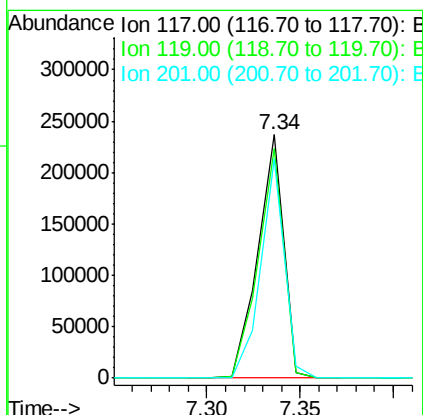
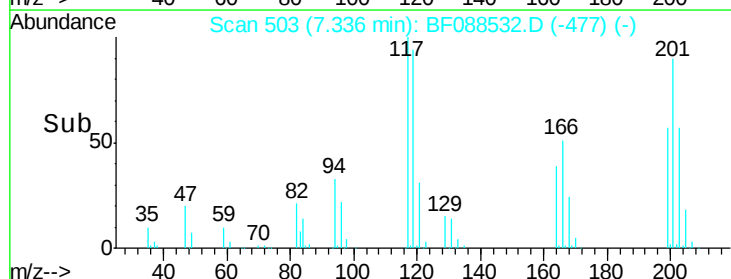
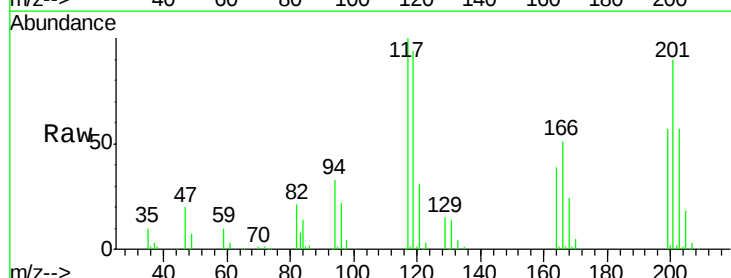
Manual Integrations

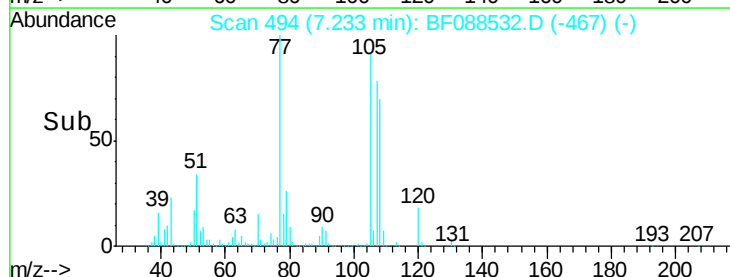
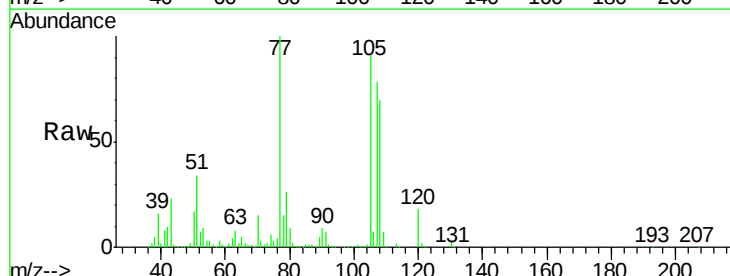
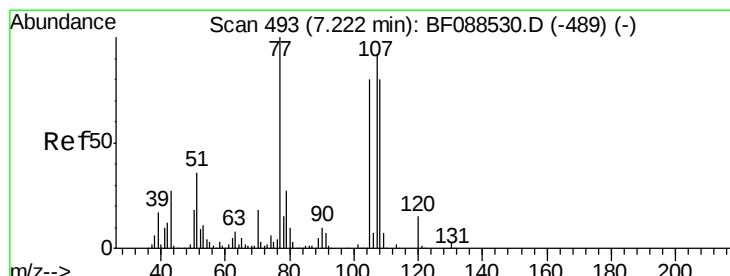
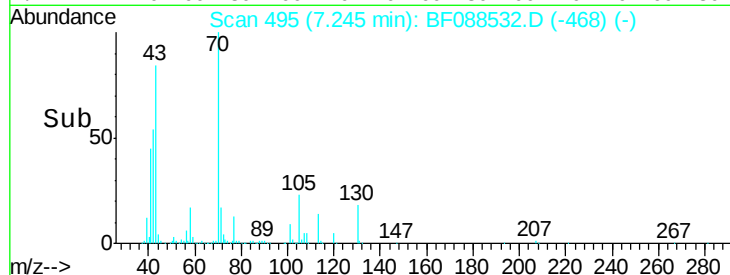
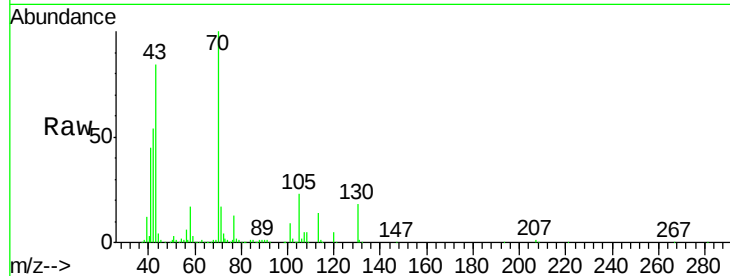
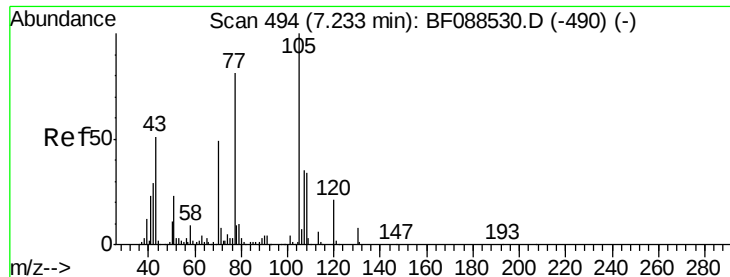
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#18
Hexachloroethane
Concen: 59.10 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	225645		
119	94.0	77.4	116.2	
201	90.1	80.4	120.6	

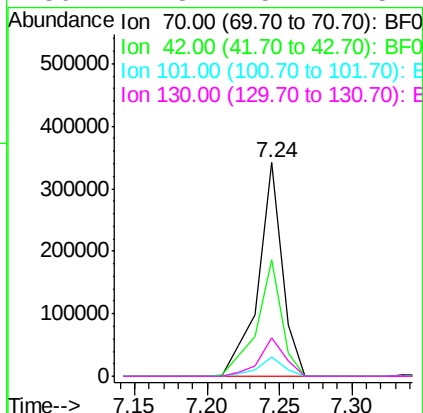




#19
n-Nitroso-di-n-propylamine
Concen: 52.42 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	49.6	74.4
101	8.7	7.1	10.7
130	17.8	15.4	23.2

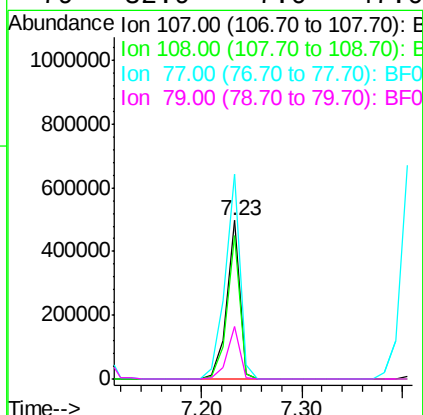


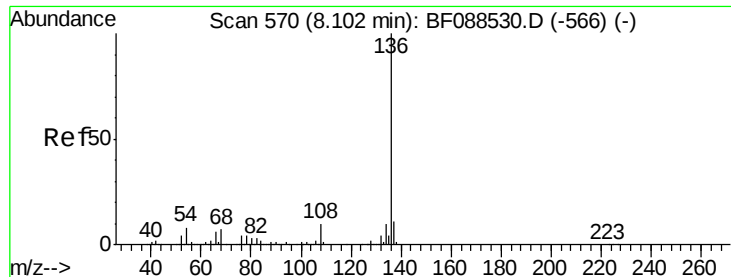
Manual Integrations

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7/1/2016 8:06:54 AM

#20
3+4-Methylphenols
Concen: 47.66 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.8	107.8
77	128.7	59.3	99.3#
79	32.9	7.0	47.0





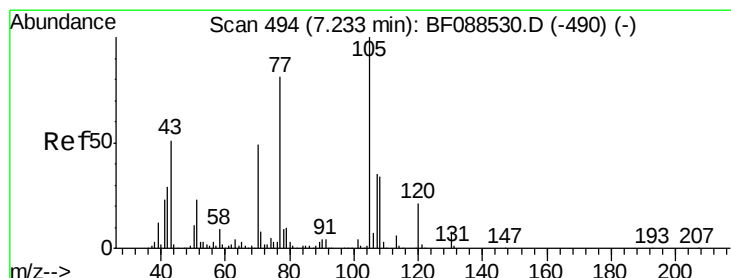
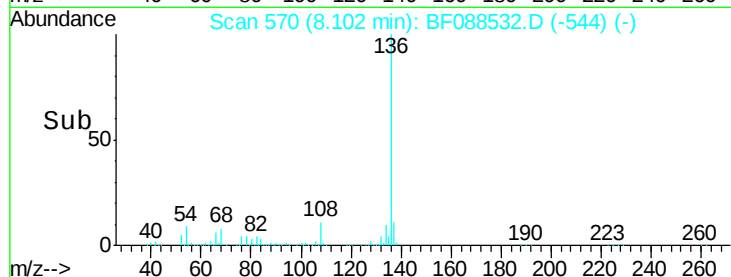
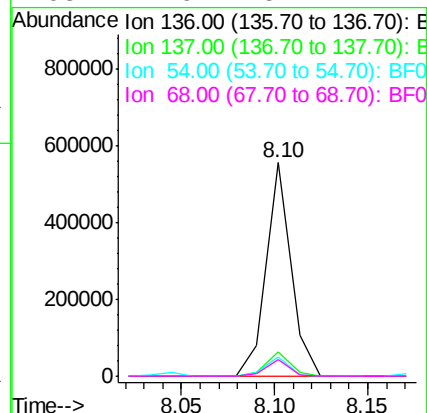
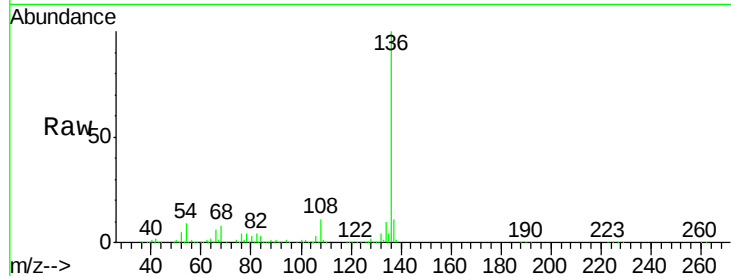
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	513027		
137	11.1	9.1	13.7	
54	9.2	6.6	10.0	
68	7.6	5.1	7.7	

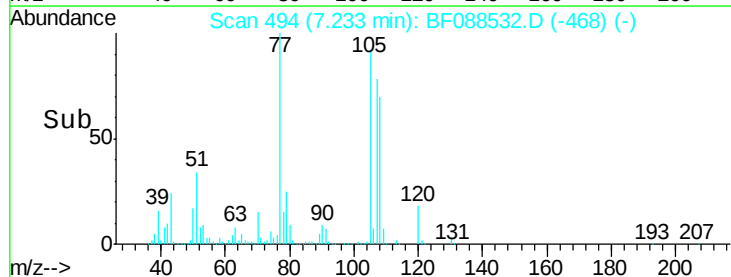
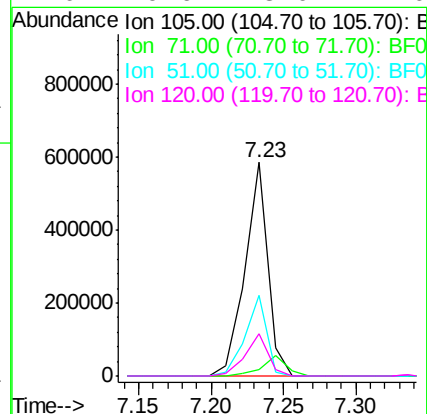
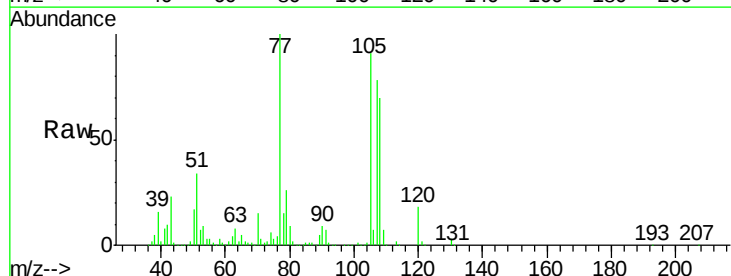
Manual Integrations

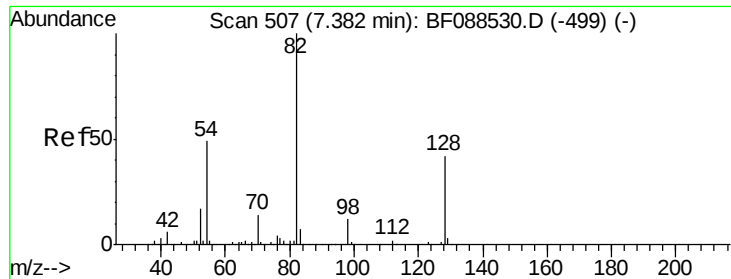
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#22
Acetophenone
Concen: 51.52 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	639962		
71	2.9	5.3	7.9#	
51	37.7	18.2	27.4#	
120	19.6	18.0	27.0	





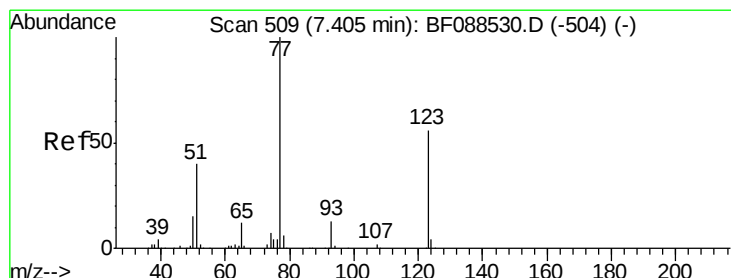
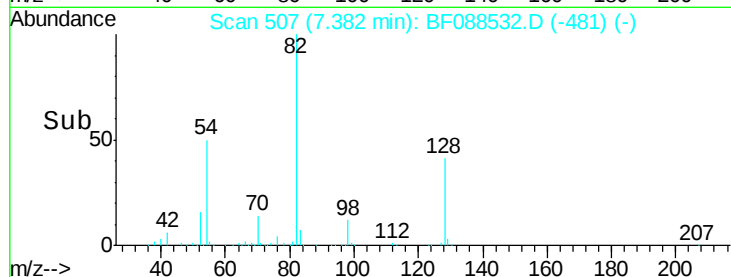
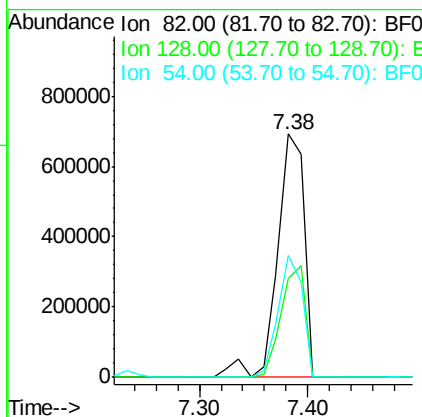
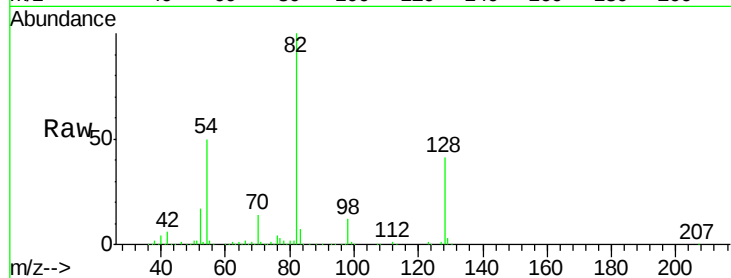
#23
 Nitrobenzene-d5
 Concen: 59.32 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 82 Resp: 1180934
 Ion Ratio Lower Upper
 82 100
 128 40.5 35.9 53.9
 54 50.3 40.9 61.3

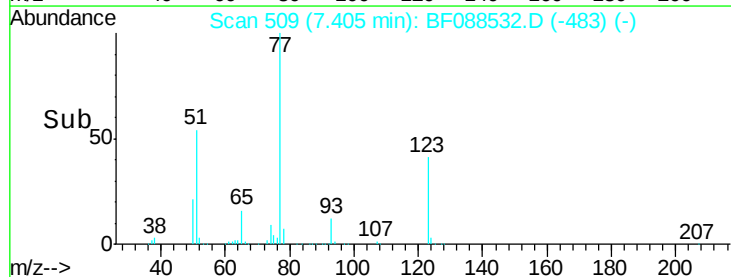
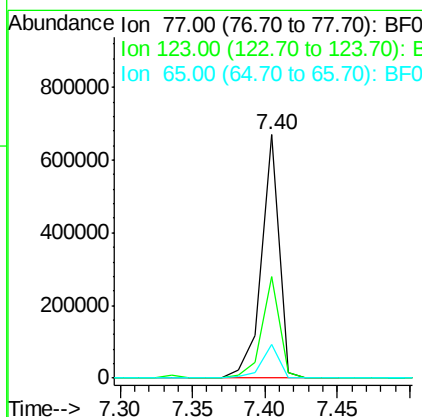
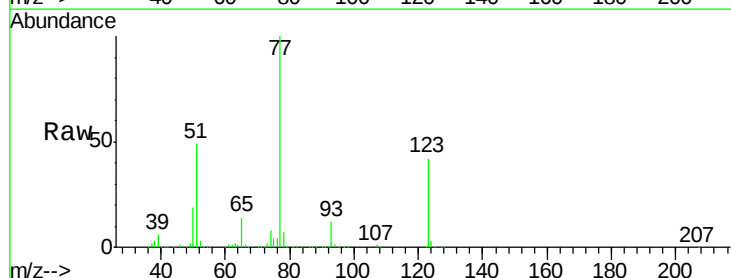
Manual Integrations

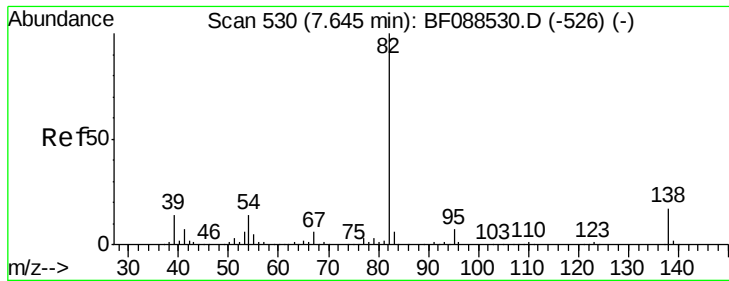
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#24
 Nitrobenzene
 Concen: 55.00 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion: 77 Resp: 567938
 Ion Ratio Lower Upper
 77 100
 123 41.8 45.0 67.4#
 65 13.9 10.2 15.2





#25

Isophorone

Concen: 54.70 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF088532.D

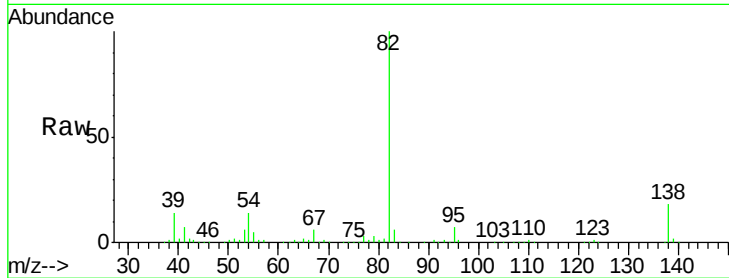
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



Tgt Ion: 82 Resp: 1058765

Ion Ratio Lower Upper

82 100

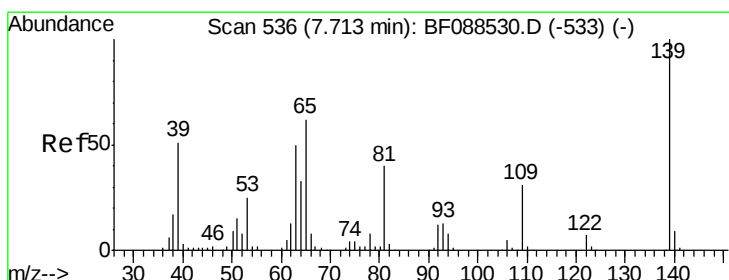
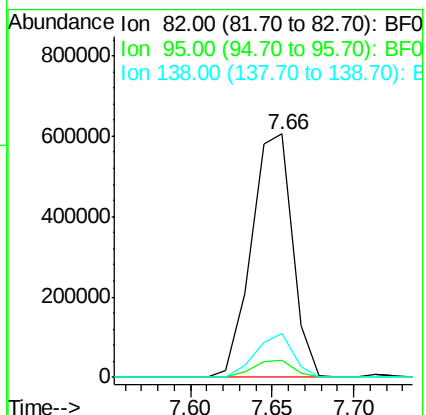
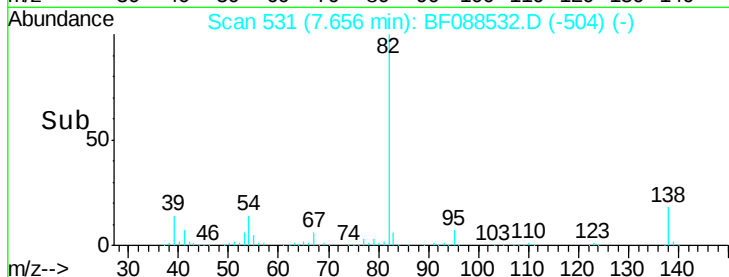
95 7.0 5.4 8.2

138 18.2 14.6 21.8

Manual Integrations

SOHIL

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#26

2-Nitrophenol

Concen: 60.79 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

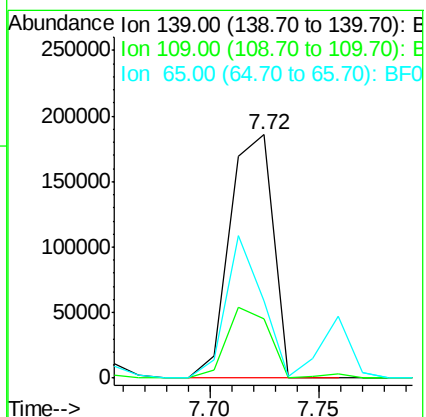
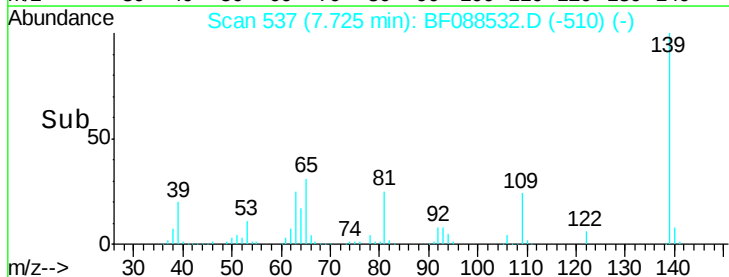
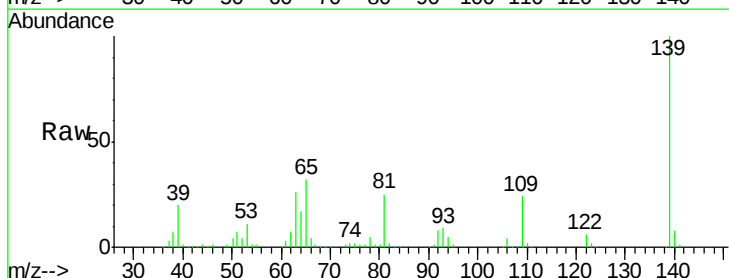
Tgt Ion: 139 Resp: 255253

Ion Ratio Lower Upper

139 100

109 24.3 23.0 34.4

65 31.9 45.8 68.8#





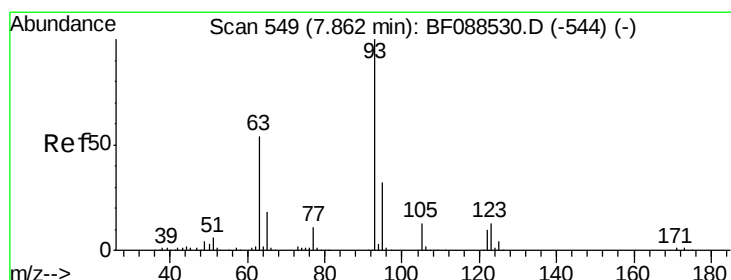
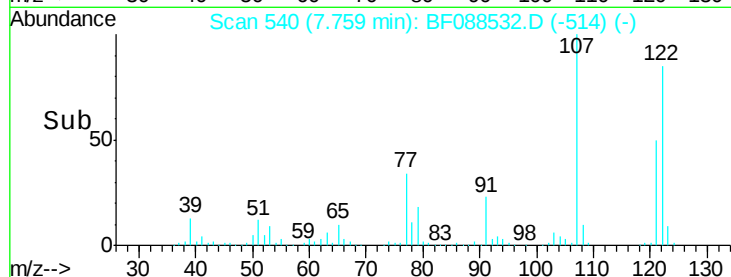
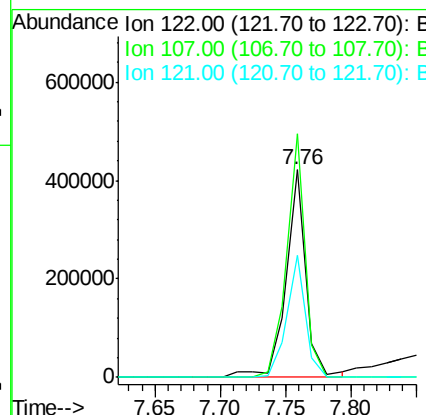
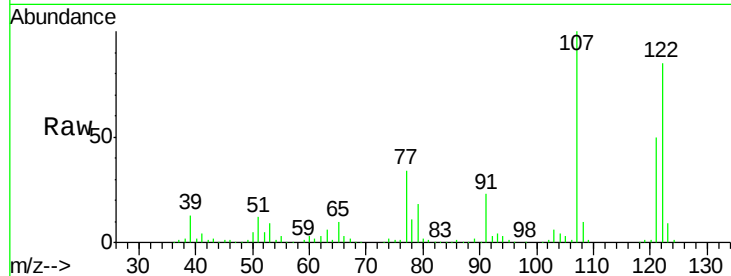
#27
 2,4-Dimethylphenol
 Concen: 52.99 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.3	82.4	123.6
121	58.7	46.3	69.5

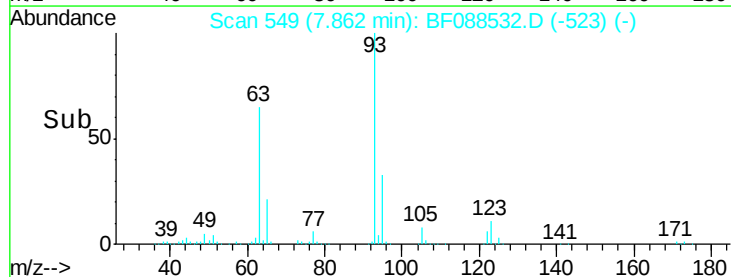
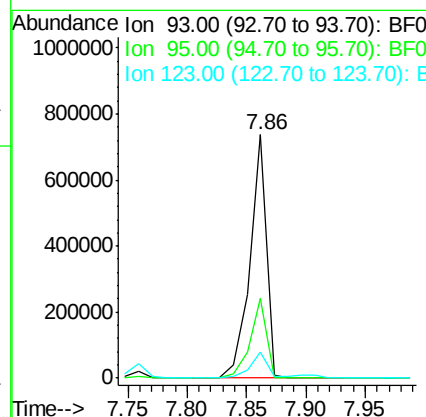
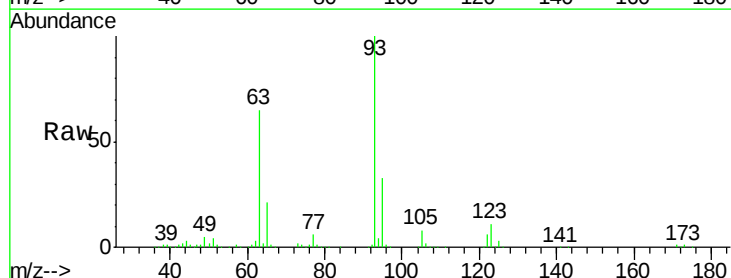
Manual Integrations

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#28
 bis(2-Chloroethoxy)methane
 Concen: 59.34 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.8	11.6	17.4#





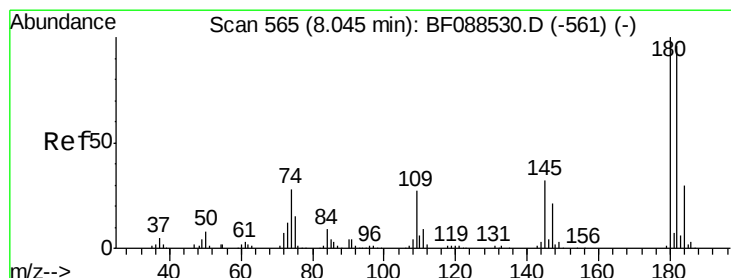
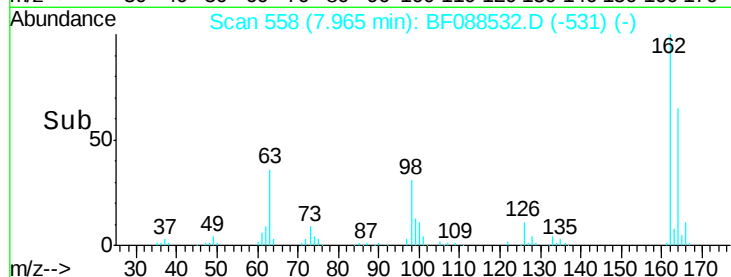
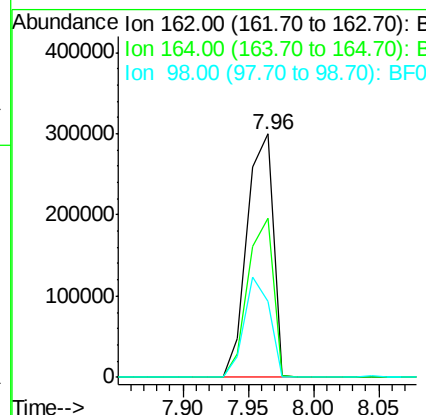
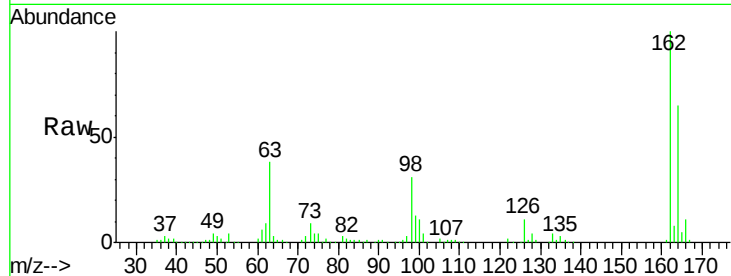
#29
 2,4-Dichlorophenol
 Concen: 58.84 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:	162	Resp:	417944
Ion Ratio	Lower	Upper	
162	100		
164	65.4	43.8	83.8
98	31.4	21.3	61.3

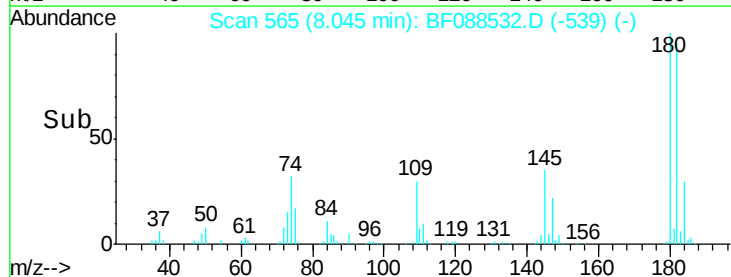
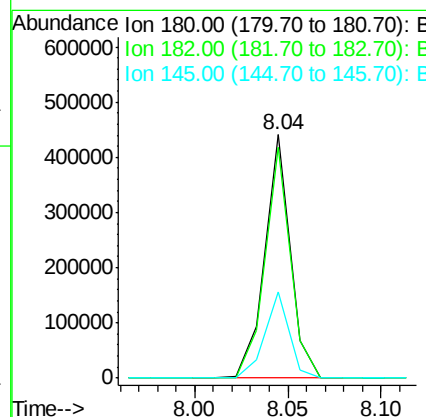
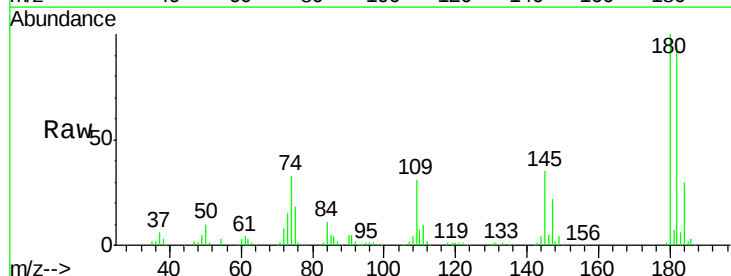
Manual Integrations

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#30
 1,2,4-Trichlorobenzene
 Concen: 55.05 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion:	180	Resp:	413427
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.0	114.0
145	35.4	26.5	39.7





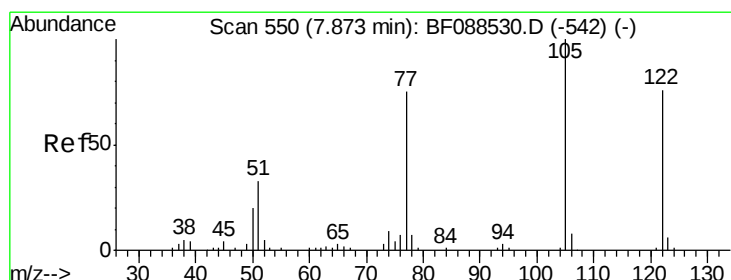
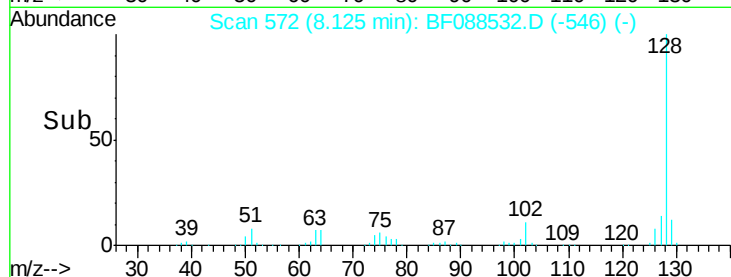
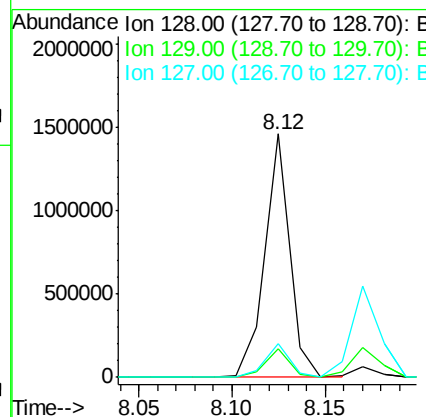
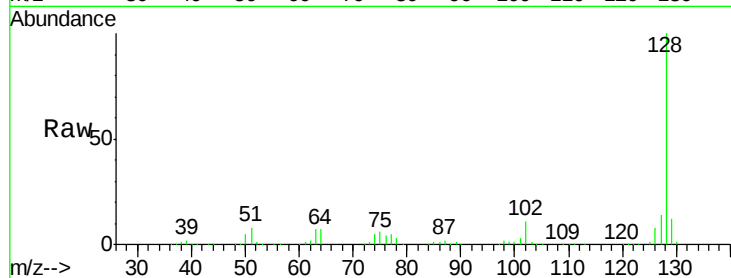
#31
Naphthalene
Concen: 53.36 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1345953
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.9 10.9 16.3

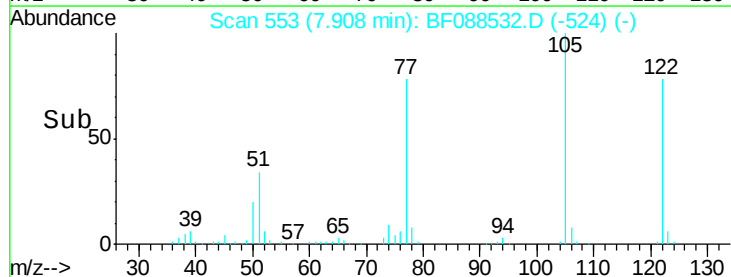
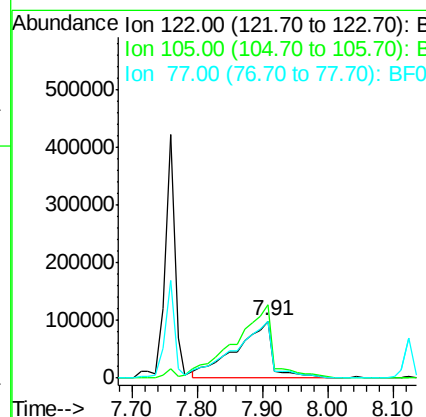
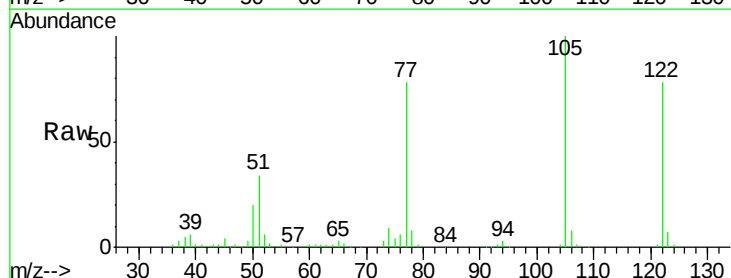
Manual Integrations

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#32
Benzoic acid
Concen: 83.59 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.03 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion:122 Resp: 386083
Ion Ratio Lower Upper
122 100
105 129.0 101.6 141.6
77 100.5 70.6 110.6





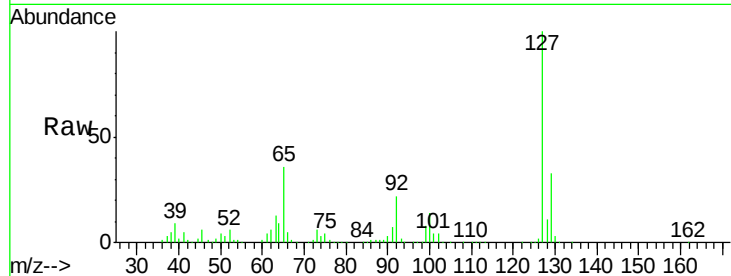
#33
4-Chloroaniline
Concen: 53.67 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

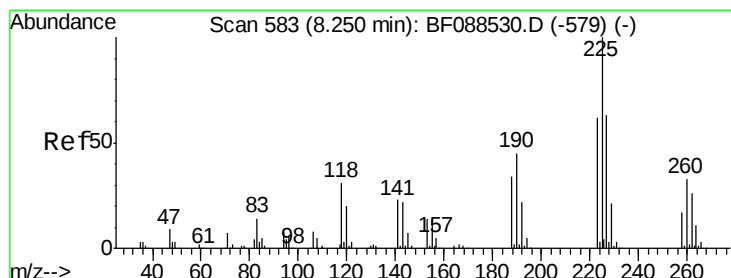
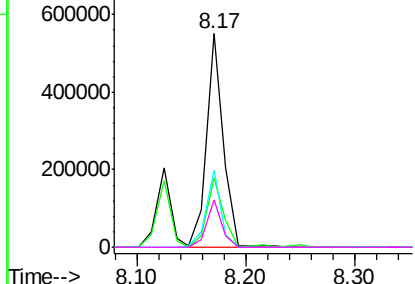
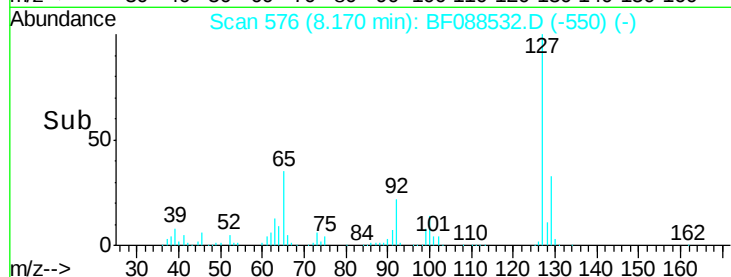
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	594906		
129	32.7	26.3	39.5	
65	35.7	24.7	37.1	
92	22.1	15.4	23.0	

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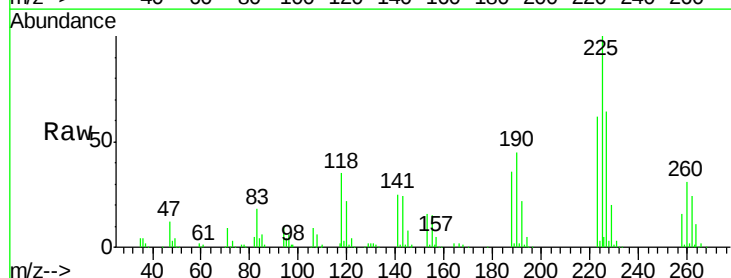


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

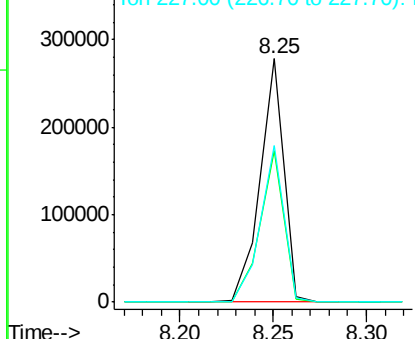
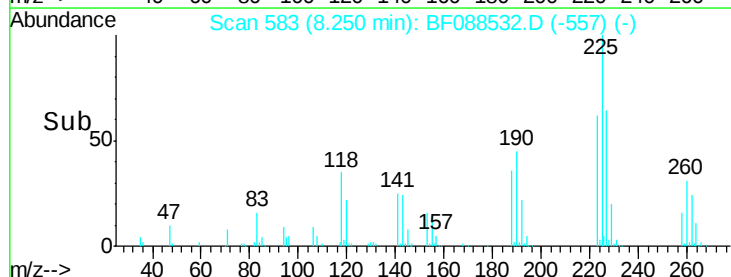


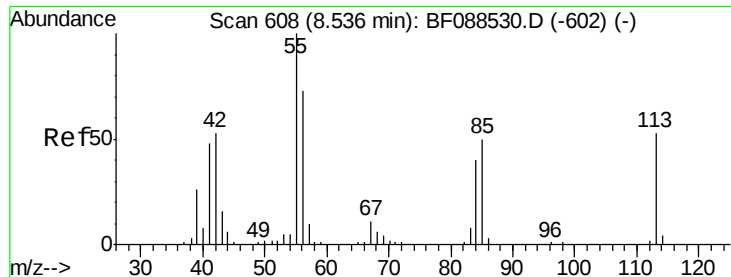
#34
Hexachlorobutadiene
Concen: 60.94 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	242626		
223	62.2	50.9	76.3	
227	64.3	51.9	77.9	



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





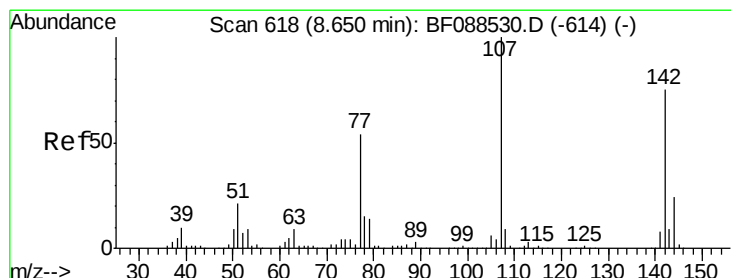
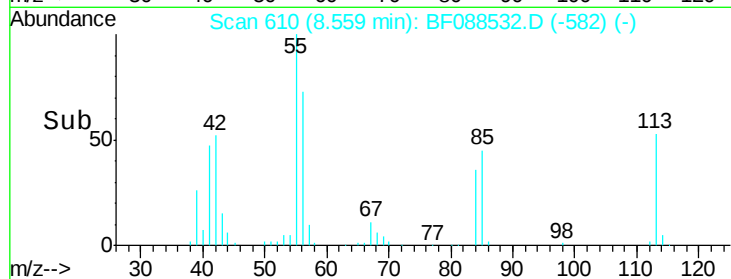
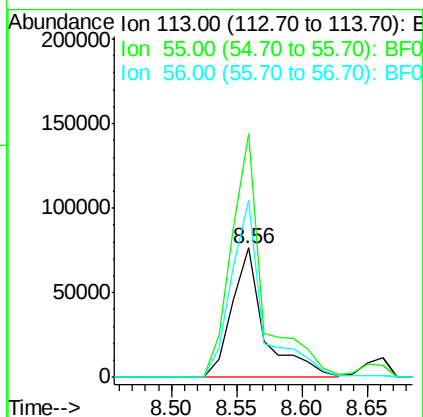
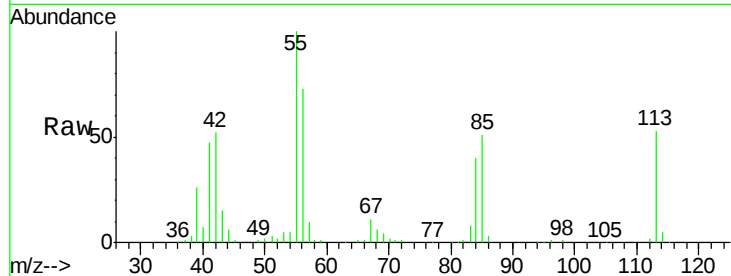
#35
 Caprolactam
 Concen: 52.75 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.02 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:113 Resp: 132527
 Ion Ratio Lower Upper
 113 100
 55 188.0 158.6 198.6
 56 136.4 110.6 150.6

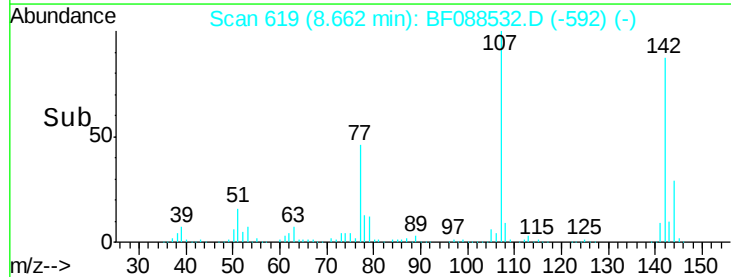
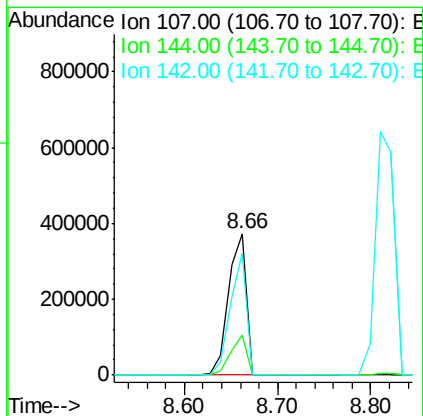
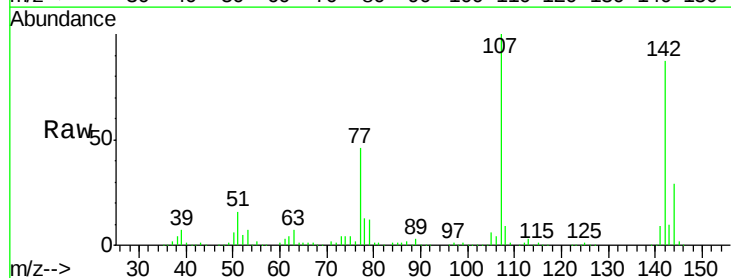
Manual Integrations

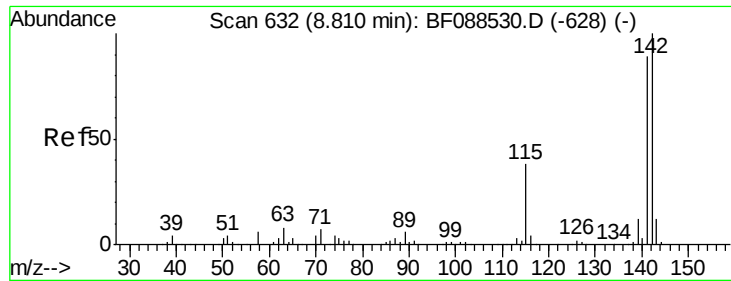
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#36
 4-Chloro-3-methylphenol
 Concen: 61.79 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion:107 Resp: 497555
 Ion Ratio Lower Upper
 107 100
 144 28.7 20.8 31.2
 142 86.5 63.4 95.2





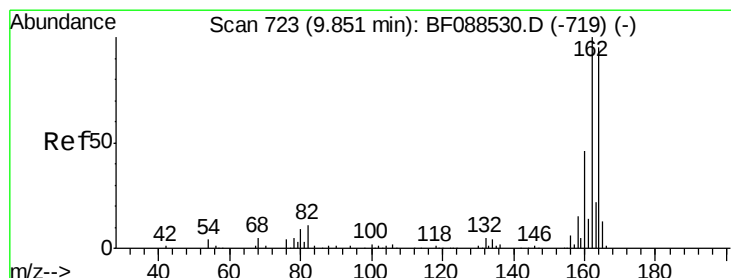
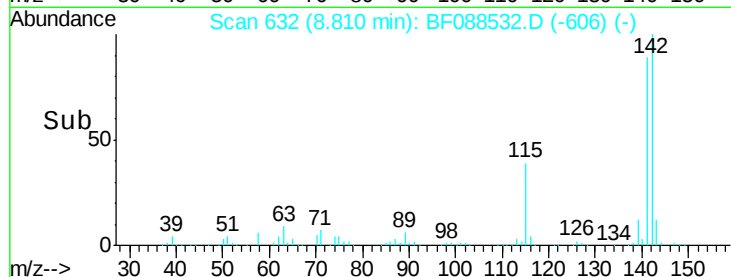
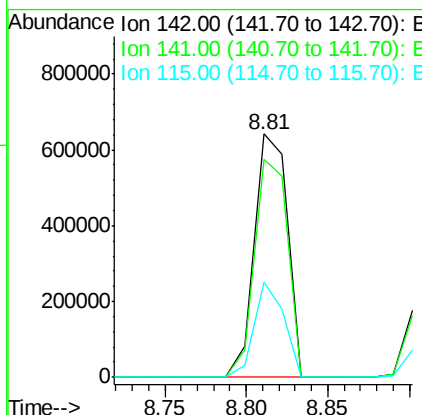
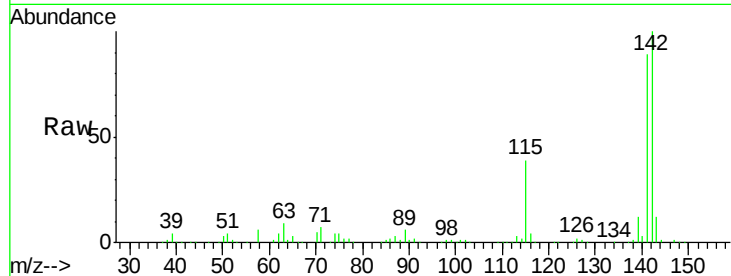
#37
2-Methylnaphthalene
Concen: 53.99 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	39.1	22.6	33.8

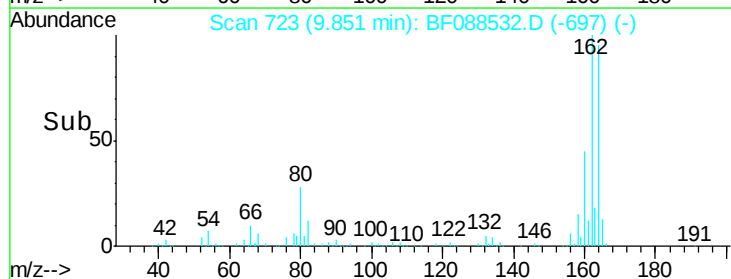
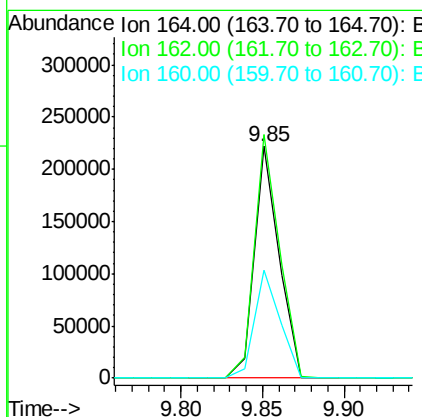
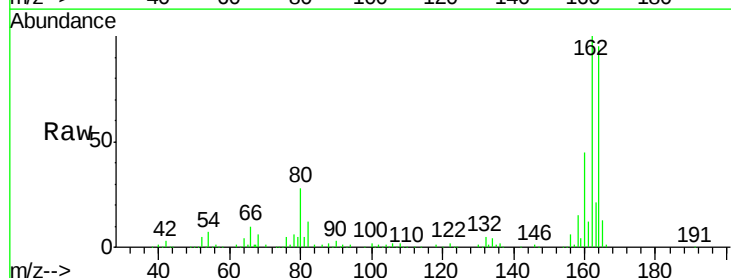
Manual Integrations

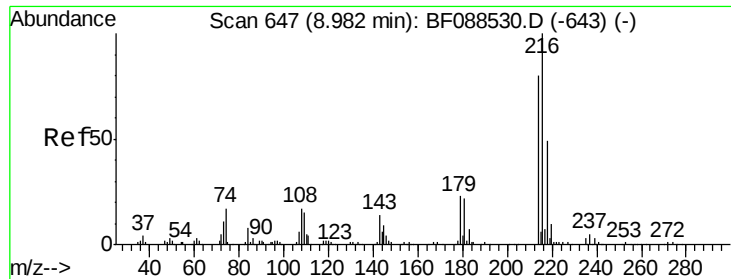
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.4	128.2
160	46.8	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 61.36 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

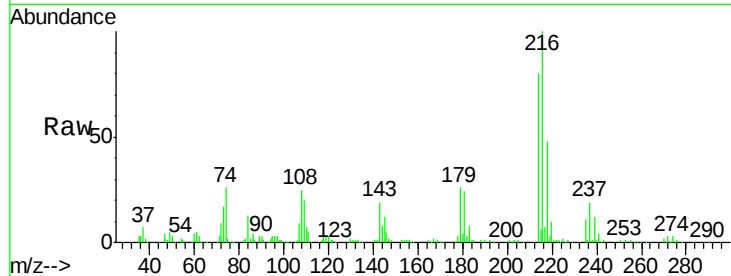
ClientSampleId :

SSTDIC060

Manual Integrations

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Tgt Ion: 216 Resp: 394311

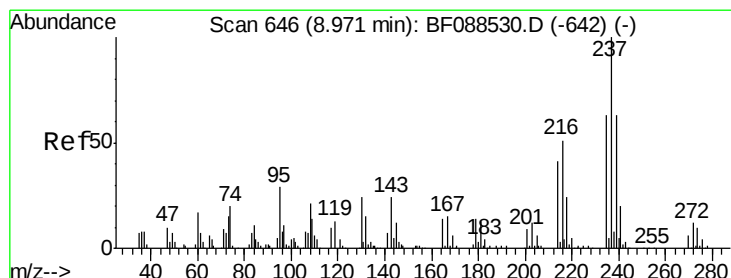
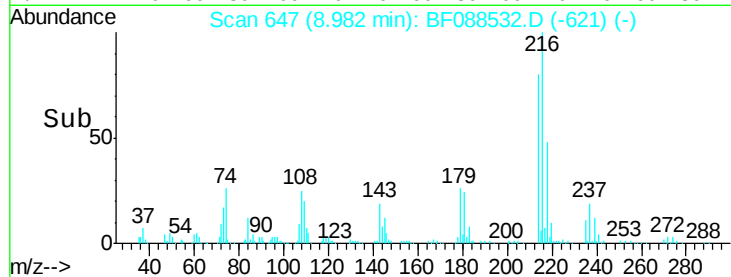
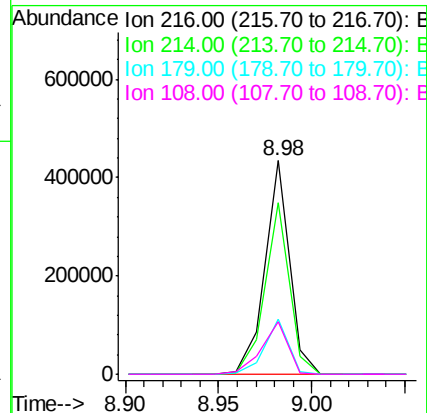
Ion Ratio Lower Upper

216 100

214 80.2 2.9 4.3#

179 24.7 0.0 0.0#

108 25.8 0.5 0.7#



#40

Hexachlorocyclopentadiene

Concen: 50.75 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

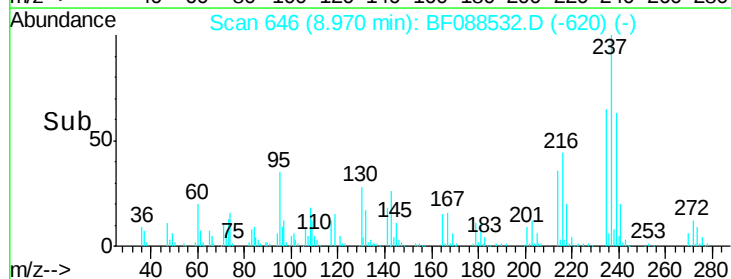
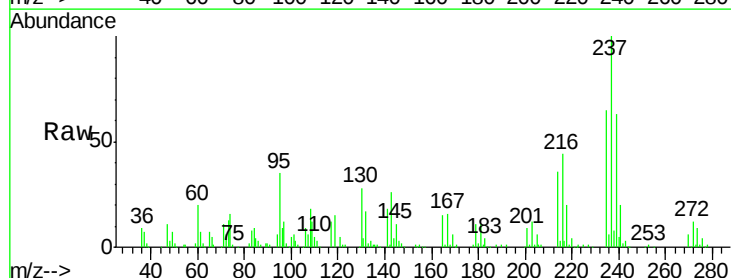
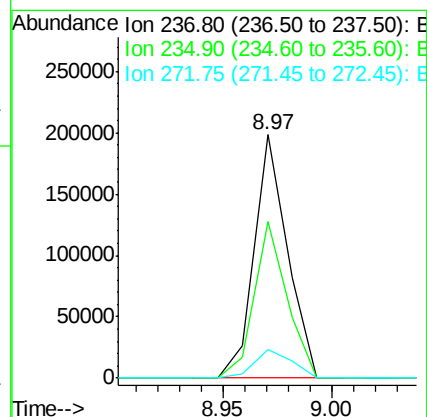
Tgt Ion: 237 Resp: 210266

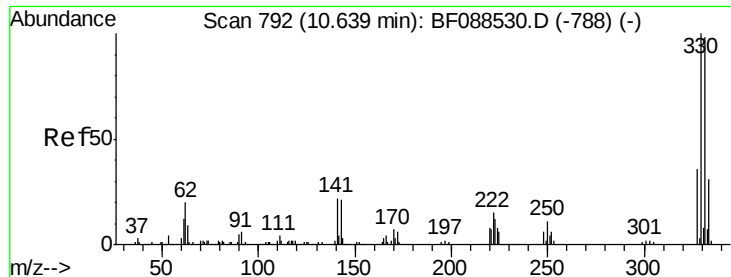
Ion Ratio Lower Upper

237 100

235 64.6 43.4 83.4

272 11.8 0.0 32.3





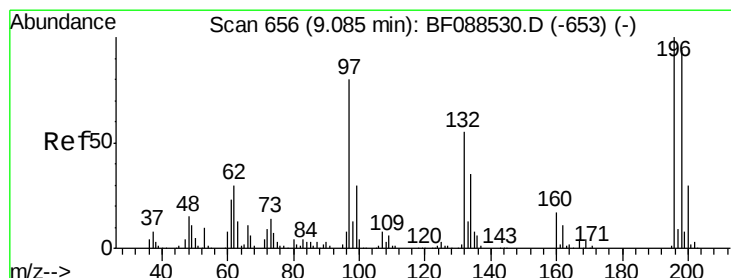
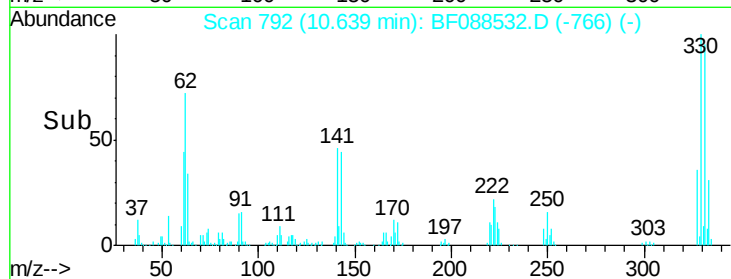
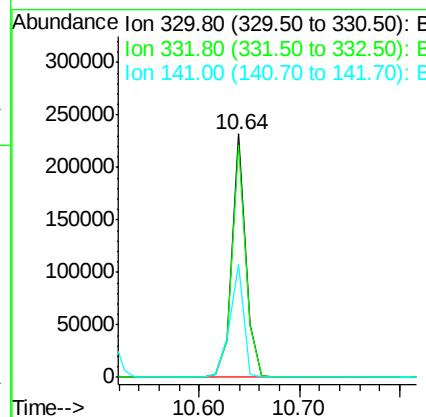
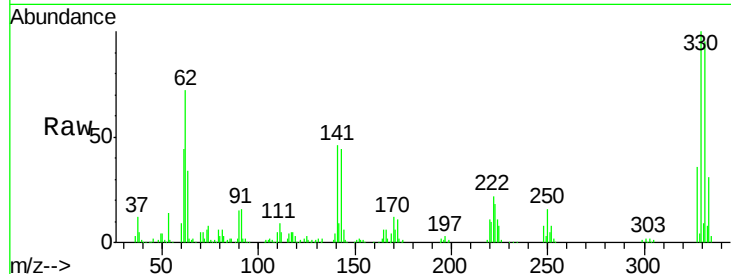
#41
 2,4,6-Tribromophenol
 Concen: 53.20 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	223243		
332	95.6	0.0	0.0	0.0
141	46.3	0.0	0.0	0.0

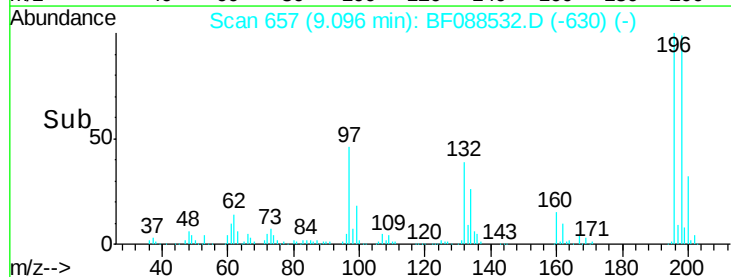
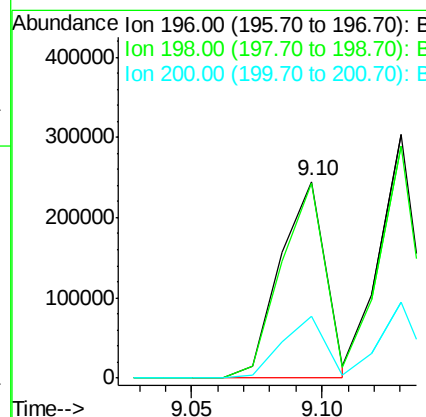
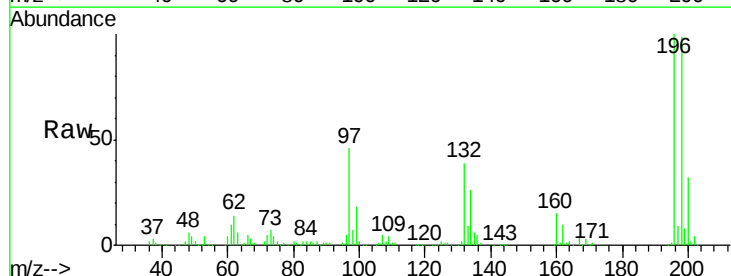
Manual Integrations

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#42
 2,4,6-Trichlorophenol
 Concen: 57.78 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

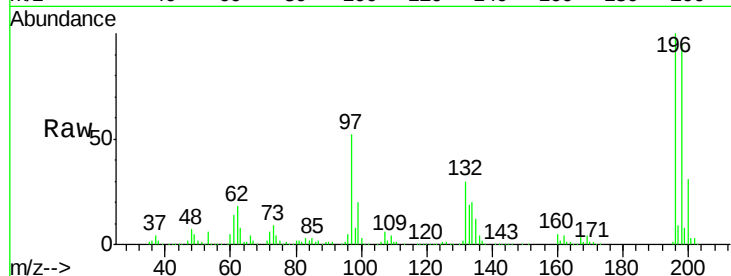
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	295408		
198	99.1	78.0	117.0	
200	31.5	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 61.61 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

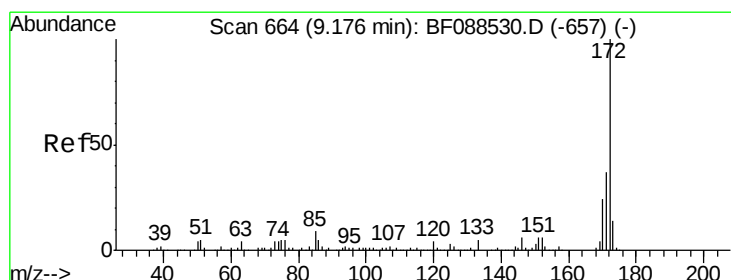
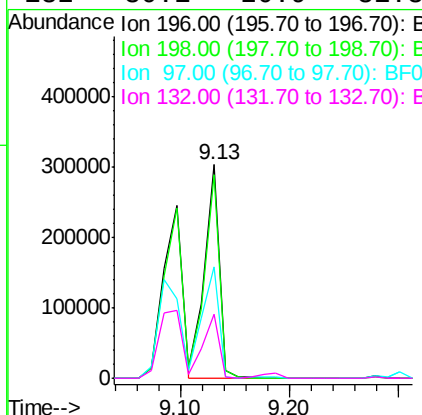
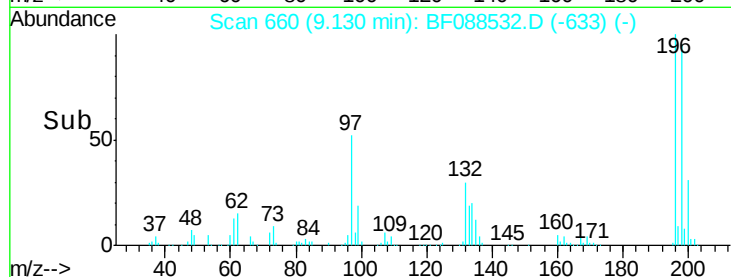
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290882		
198	95.5	77.5	116.3	
97	52.2	32.0	48.0	
132	30.1	20.9	31.3	

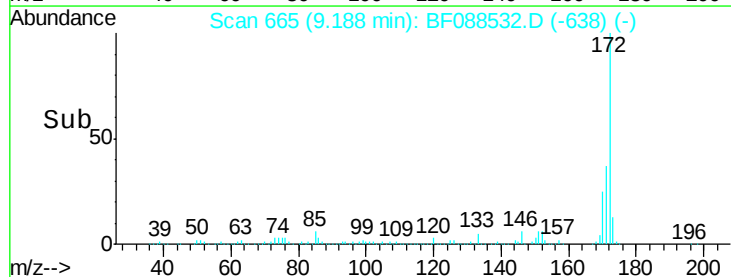
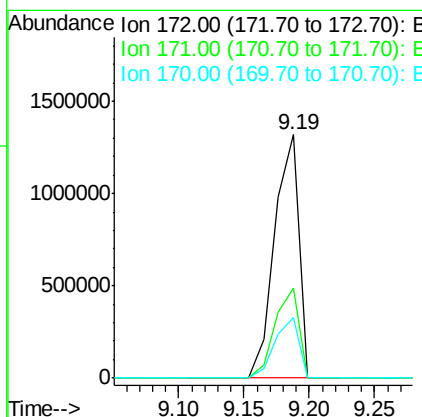
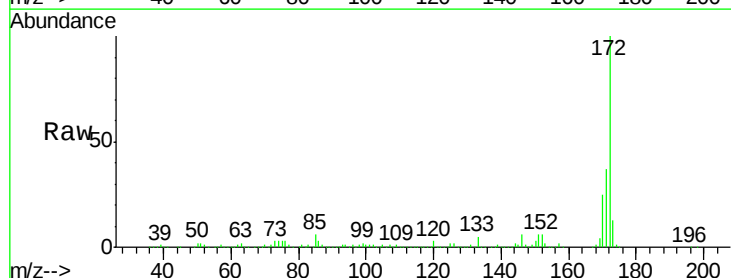
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 55.37 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1723326		
171	36.8	28.6	43.0	
170	24.8	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 52.50 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF088532.D

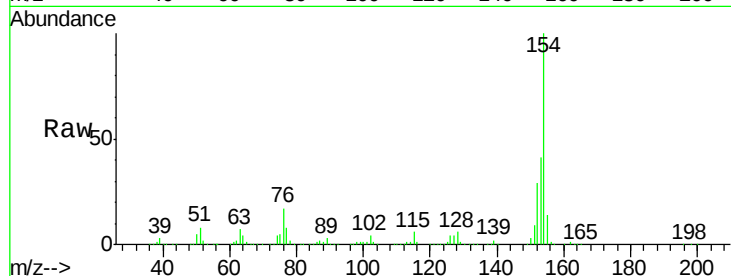
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:154 Resp: 973265

Ion Ratio Lower Upper

154 100

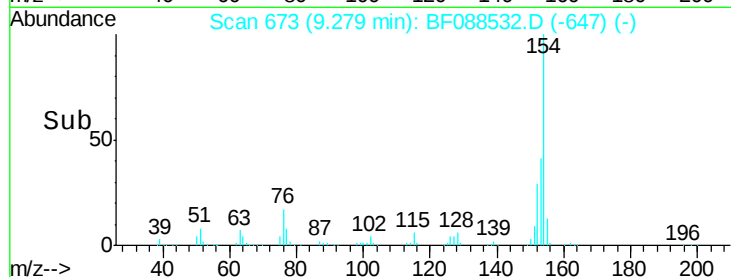
153 41.1 20.6 60.6

76 17.1 0.0 35.1

Manual Integrations

SOHIL

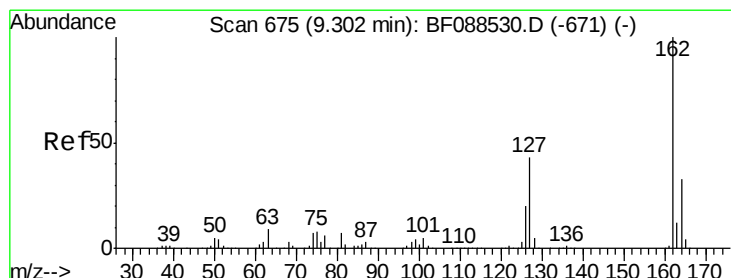
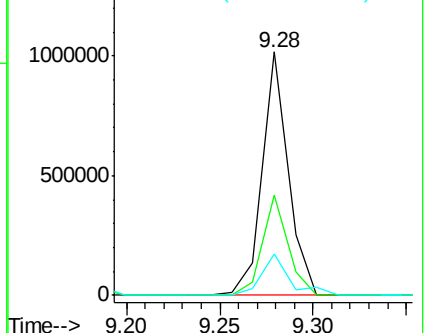
7/1/2016 8:06:54 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 52.03 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

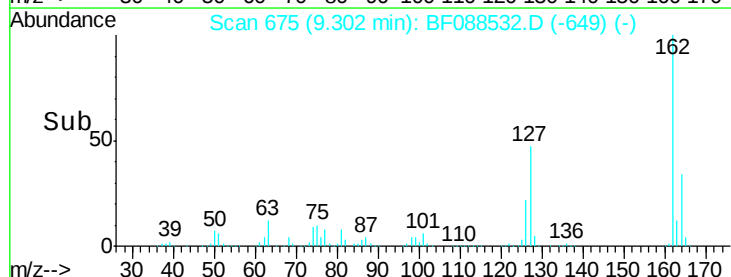
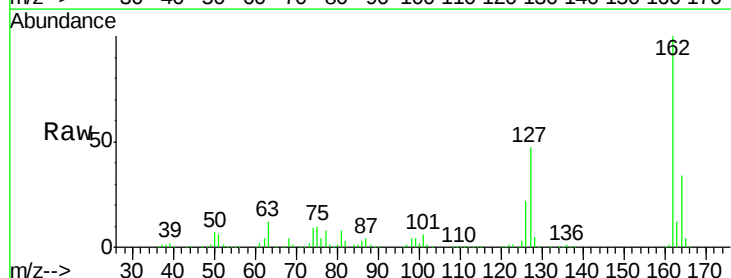
Tgt Ion:162 Resp: 777147

Ion Ratio Lower Upper

162 100

127 47.2 35.2 52.8

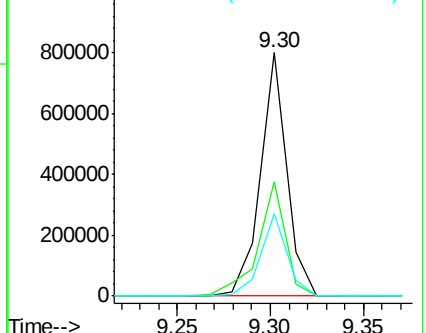
164 33.8 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





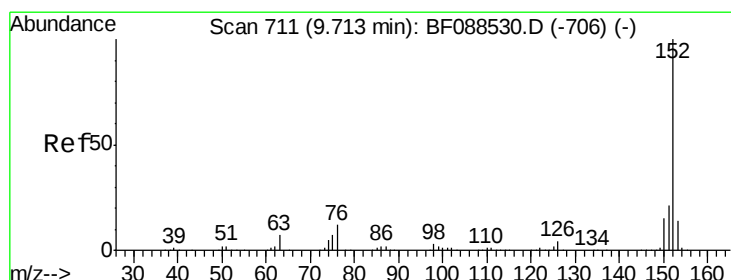
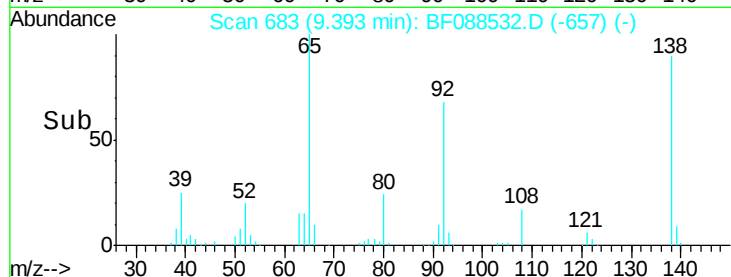
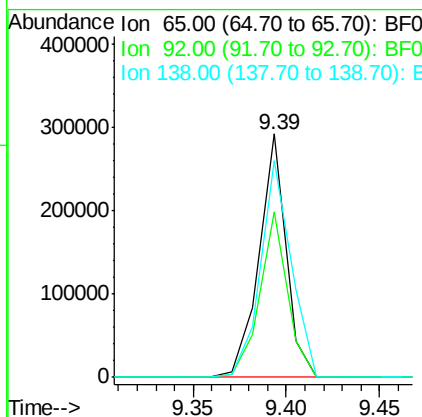
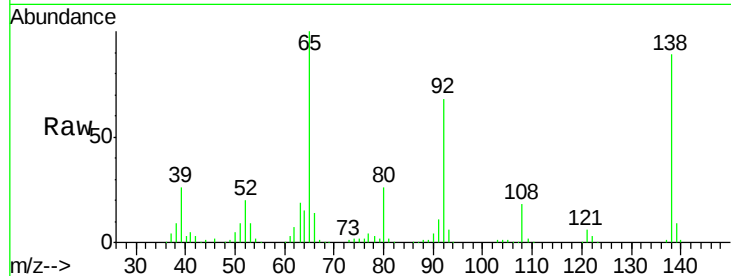
#47
2-Nitroaniline
Concen: 57.63 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 65 Resp: 292262
Ion Ratio Lower Upper
65 100
92 67.8 54.6 82.0
138 89.0 77.0 115.4

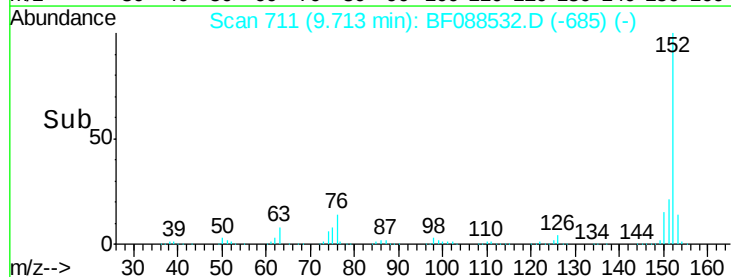
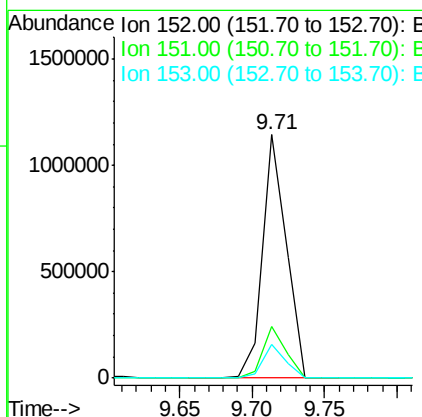
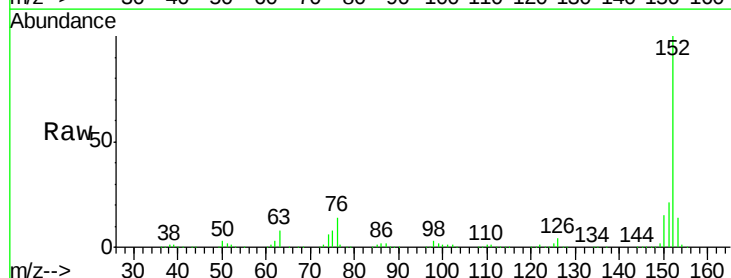
Manual Integrations

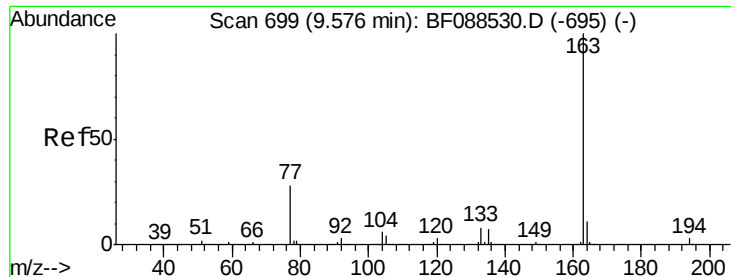
APPROVED
SOHIL
7/1/2016 8:06:54 AM



#48
Acenaphthylene
Concen: 53.25 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion: 152 Resp: 1292094
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 13.9 11.0 16.6





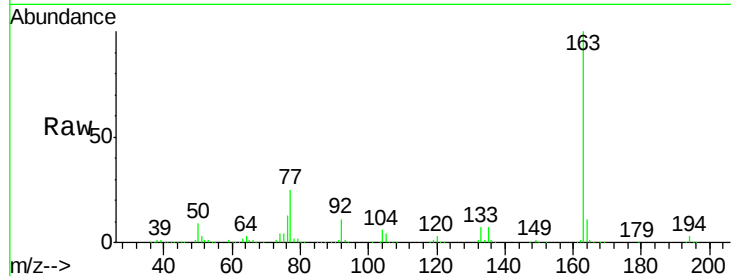
#49
Dimethylphthalate
Concen: 53.33 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

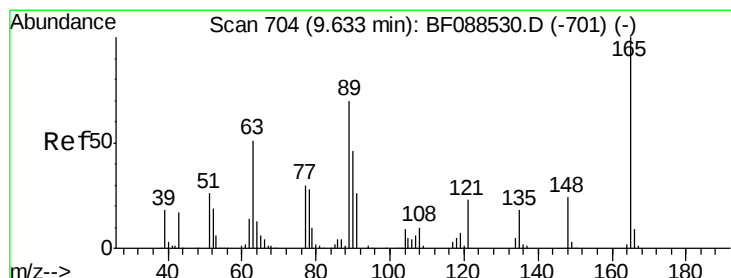
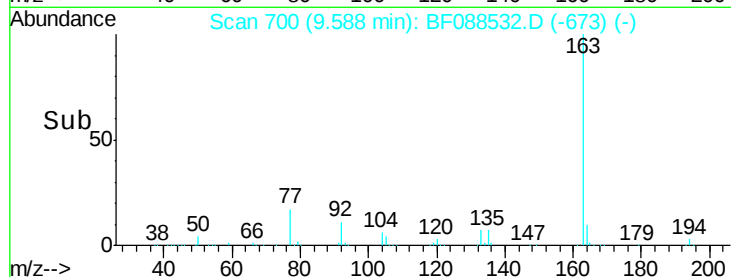
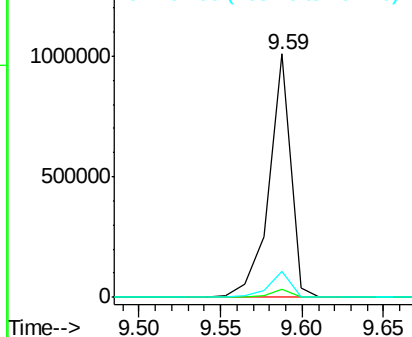
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	934899		
194	3.4		2.8	4.2
164	10.6		8.3	12.5

Manual Integrations

SOHIL
7/1/2016 8:06:54 AM

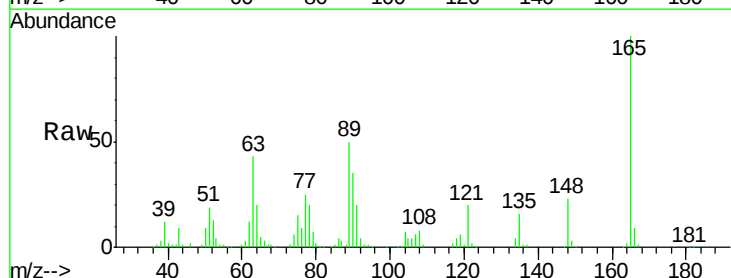


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

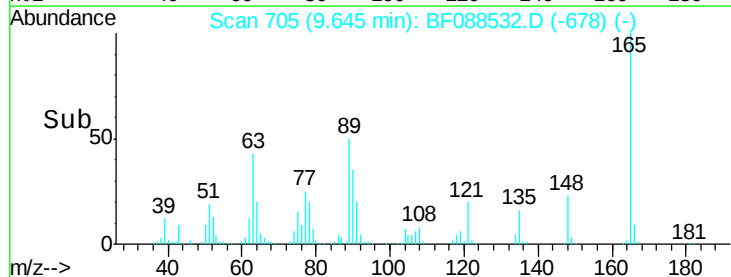
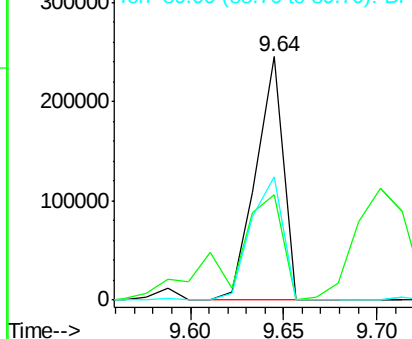


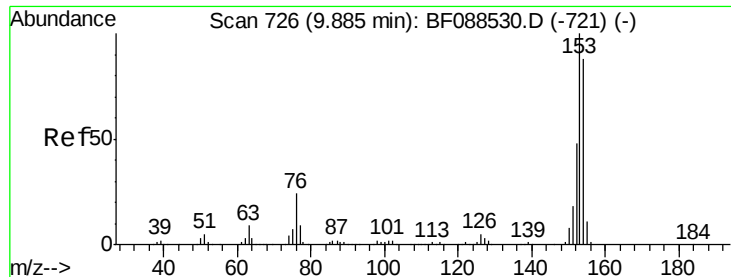
#50
2,6-Dinitrotoluene
Concen: 64.49 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	249088		
63	43.4		28.1	42.1#
89	50.4		32.2	48.2#



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





#51

Acenaphthene

Concen: 54.68 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088532.D

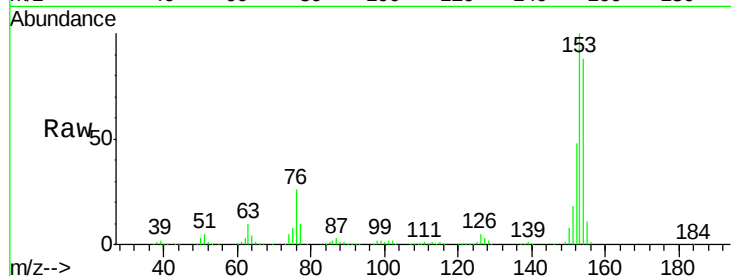
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:154 Resp: 822019

Ion Ratio Lower Upper

154 100

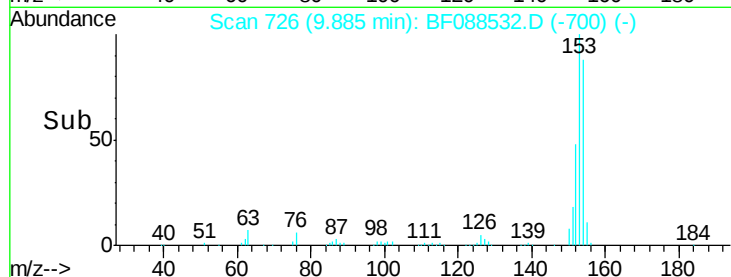
153 114.0 89.5 134.3

152 55.0 42.7 64.1

Manual Integrations

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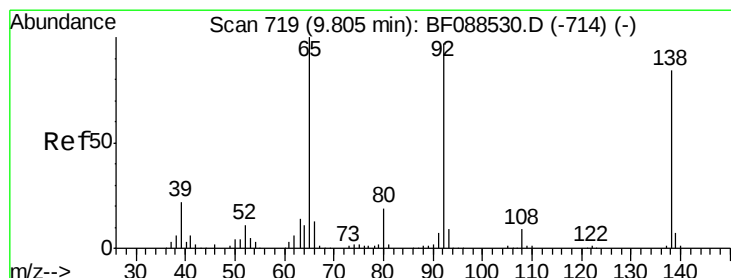
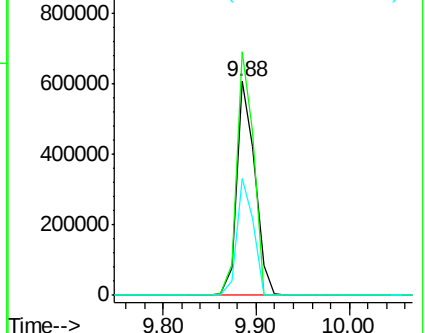
7/1/2016 8:06:54 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 57.17 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

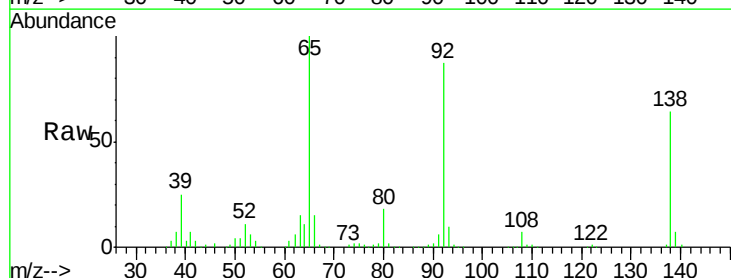
Tgt Ion:138 Resp: 264485

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

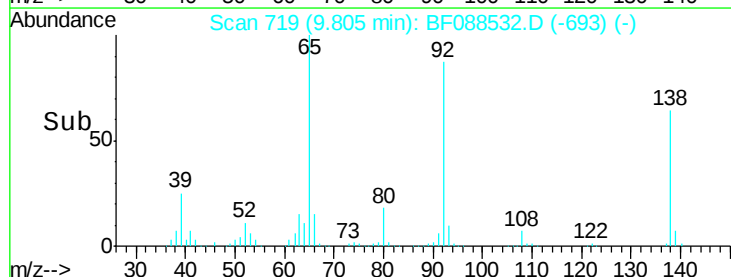
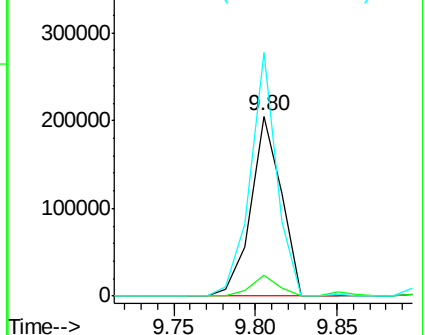
92 135.6 95.7 143.5

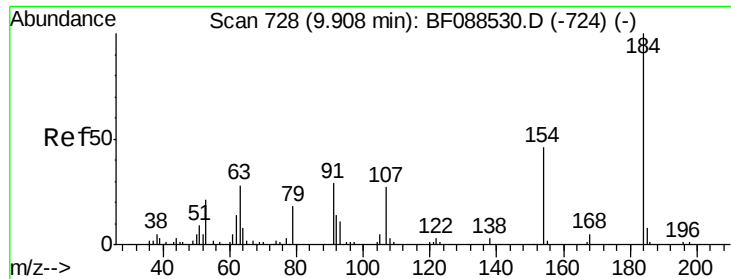


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





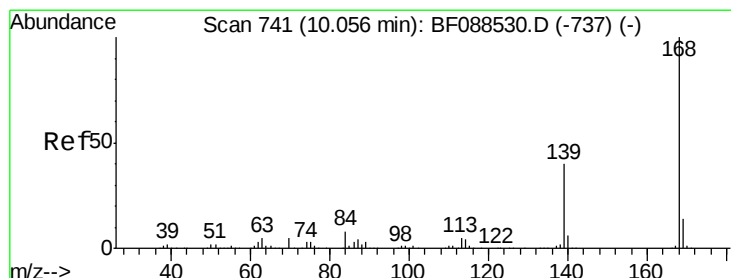
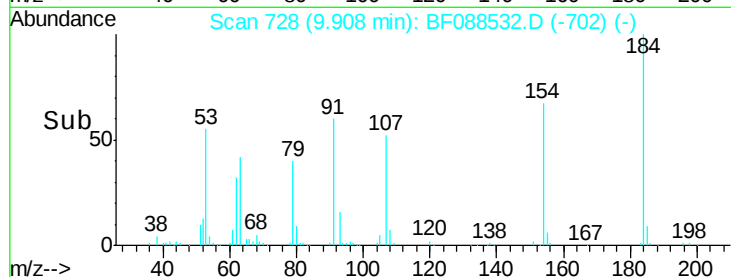
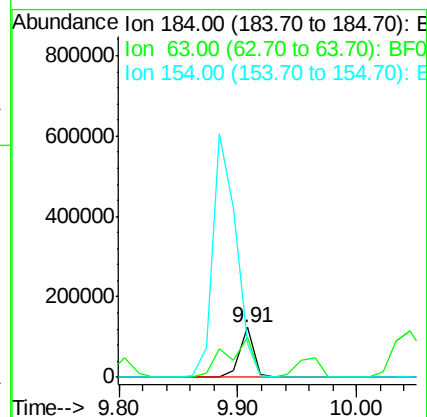
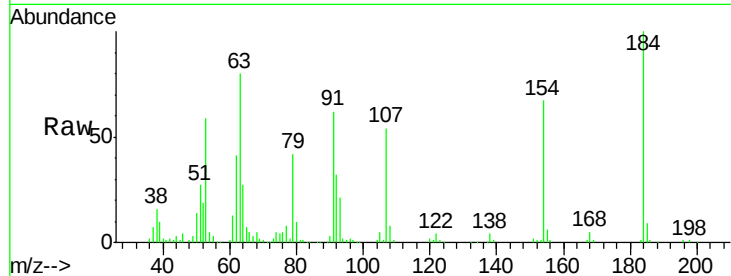
#53
2,4-Dinitrophenol
Concen: 68.62 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	105244		
63	79.7	57.6	86.4	
154	67.0	53.5	80.3	

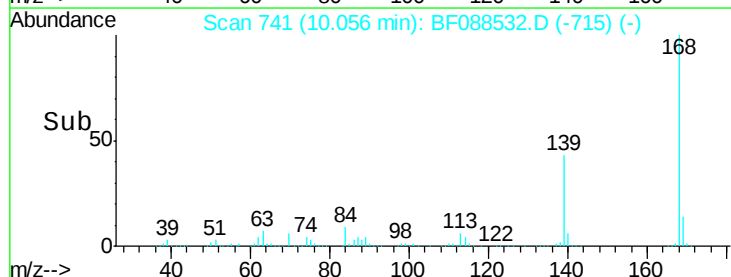
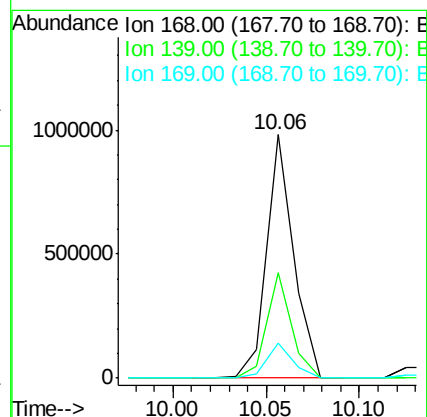
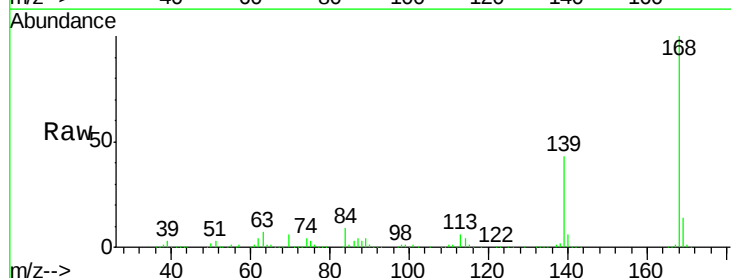
Manual Integrations

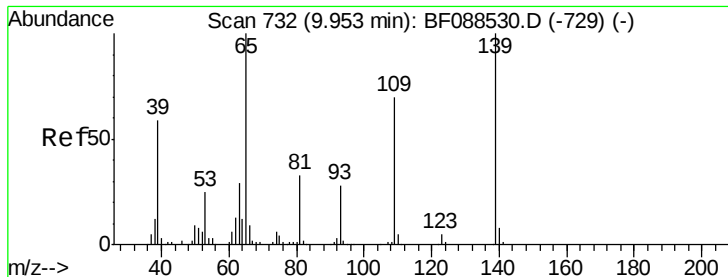
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#54
Dibenzofuran
Concen: 46.56 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	988787		
139	43.3	26.4	39.6#	
169	14.1	10.4	15.6	





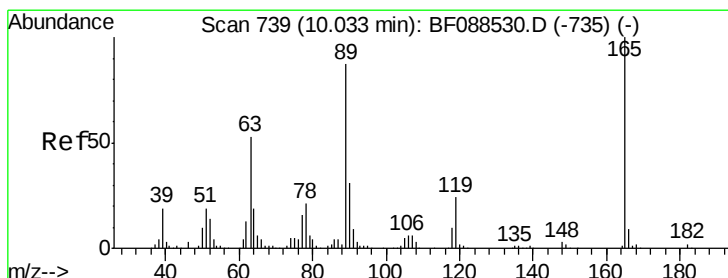
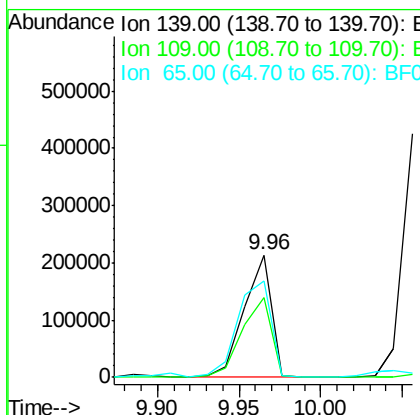
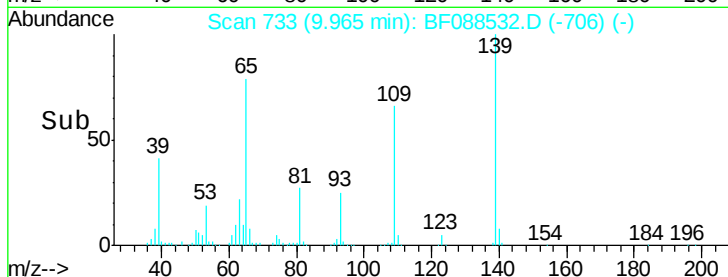
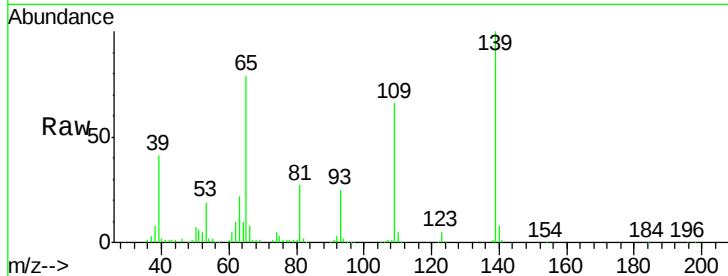
#55
4-Nitrophenol
Concen: 67.24 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	251397		
109	65.5	48.9	88.9	
65	79.0	84.9	124.9	

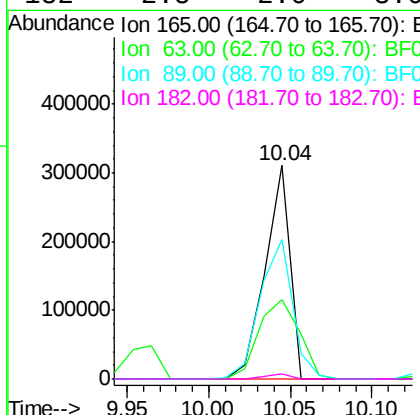
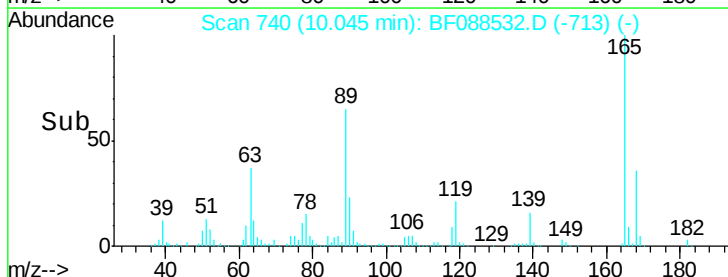
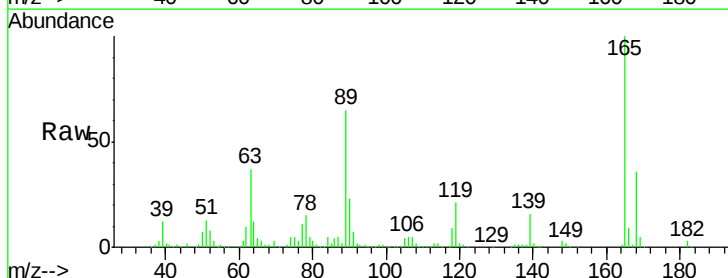
Manual Integrations

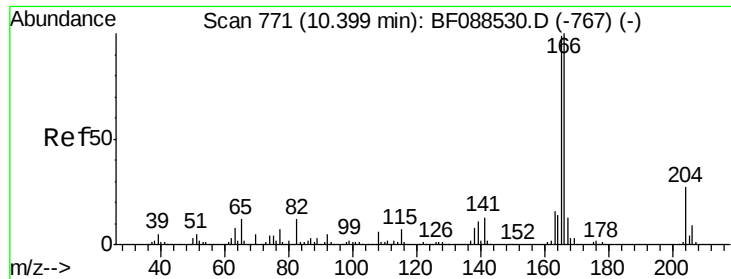
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SOHIL
7/1/2016 8:06:54 AM



#56
2,4-Dinitrotoluene
Concen: 66.32 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	330531		
63	37.0	22.0	33.0	
89	65.4	41.1	61.7	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 46.22 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088532.D

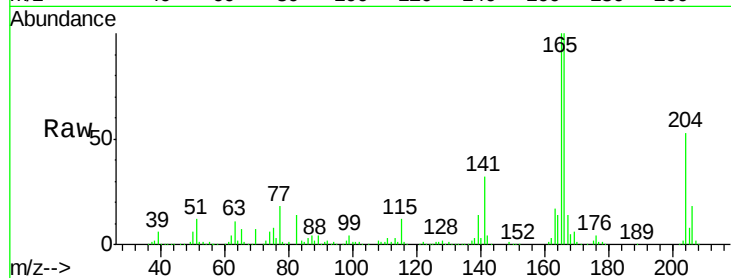
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:166 Resp: 710515

Ion Ratio Lower Upper

166 100

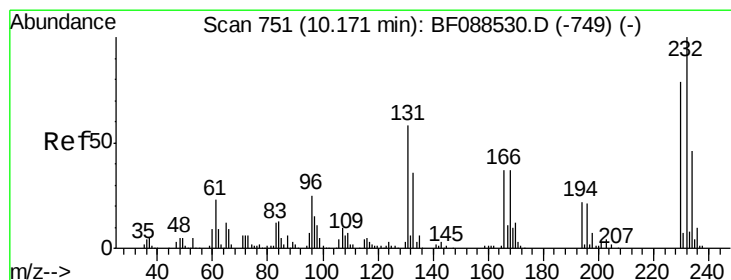
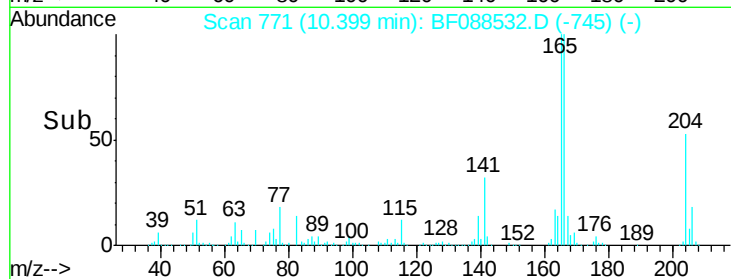
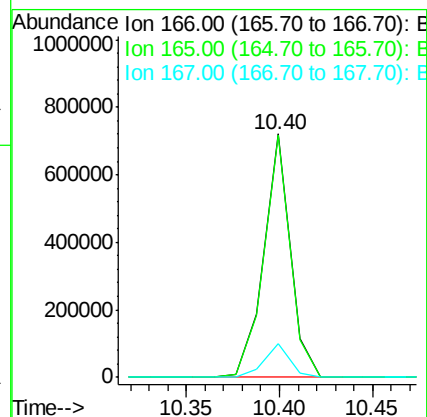
165 99.7 77.8 116.8

167 13.9 11.2 16.8

Manual Integrations

SOHIL

7/1/2016 8:06:54 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.86 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Tgt Ion:232 Resp: 196266

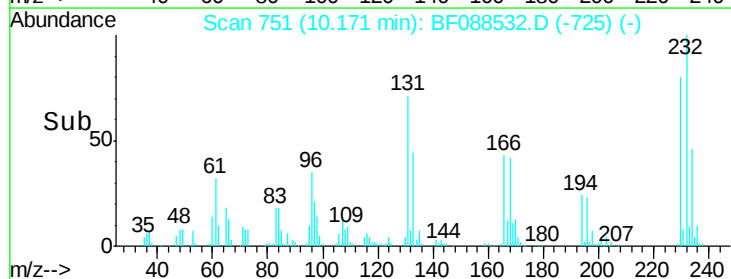
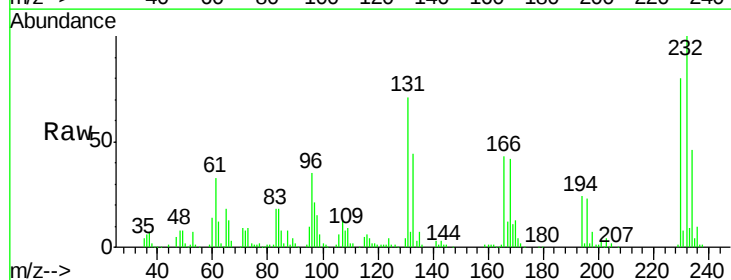
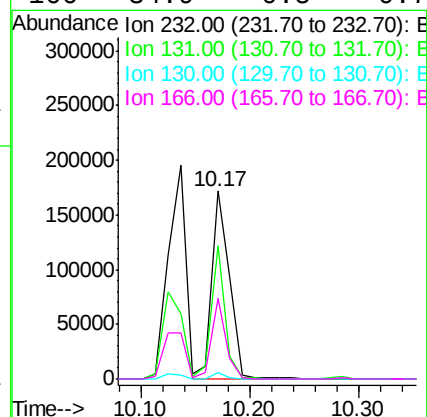
Ion Ratio Lower Upper

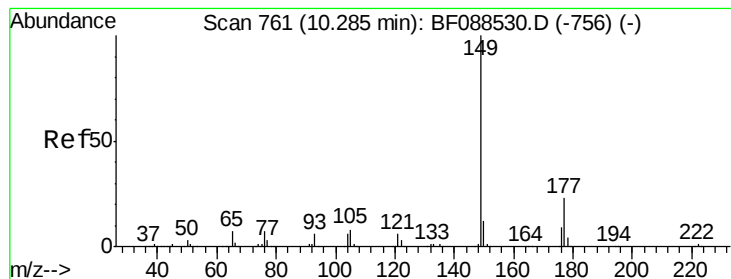
232 100

131 55.1 0.9 1.3#

130 2.7 1.5 2.3#

166 34.9 0.5 0.7#





#59

Diethylphthalate

Concen: 54.25 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088532.D

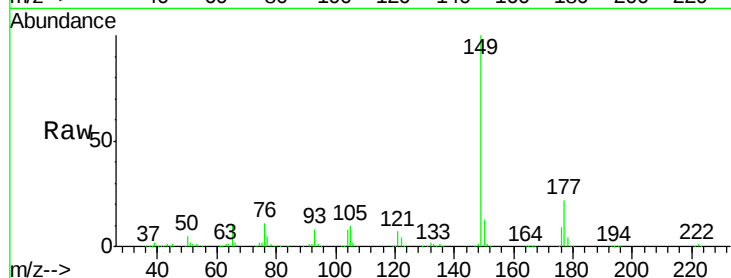
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



Tgt Ion:149 Resp: 976415

Ion Ratio Lower Upper

149 100

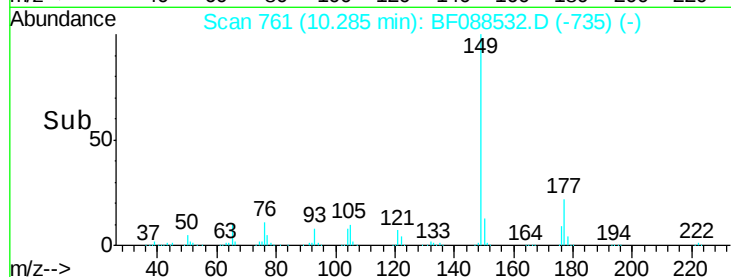
177 21.8 16.9 25.3

150 12.8 10.1 15.1

Manual Integrations

SOHIL

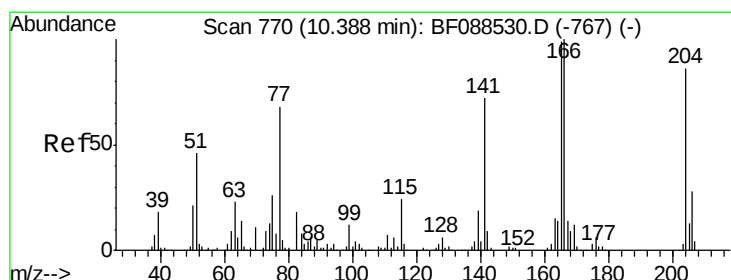
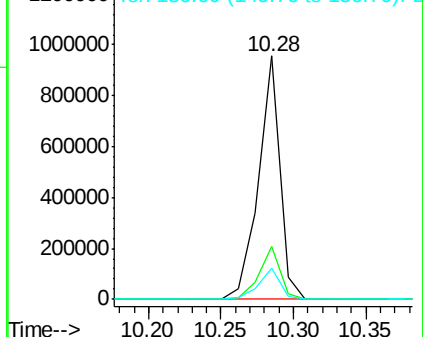
7/1/2016 8:06:54 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 55.05 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

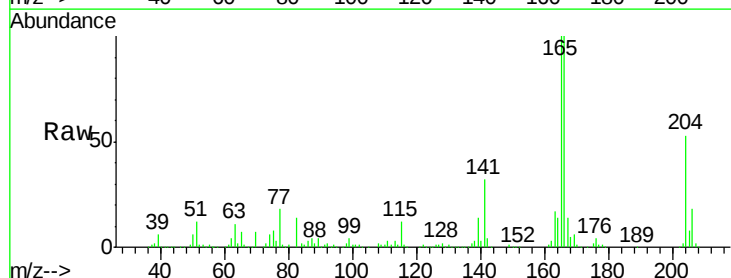
Tgt Ion:204 Resp: 384256

Ion Ratio Lower Upper

204 100

206 33.2 26.3 39.5

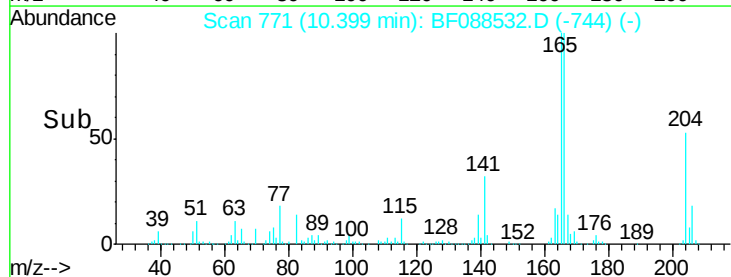
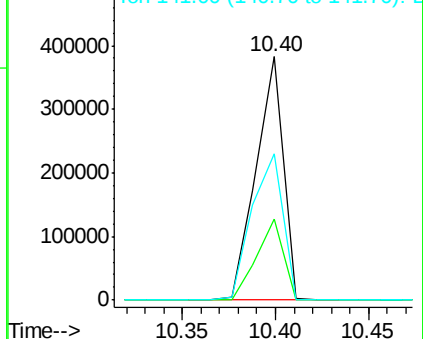
141 60.2 55.0 82.6

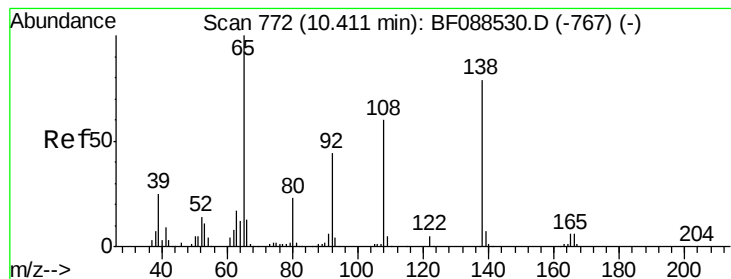


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





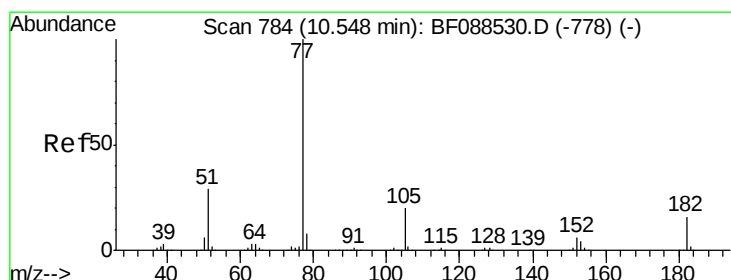
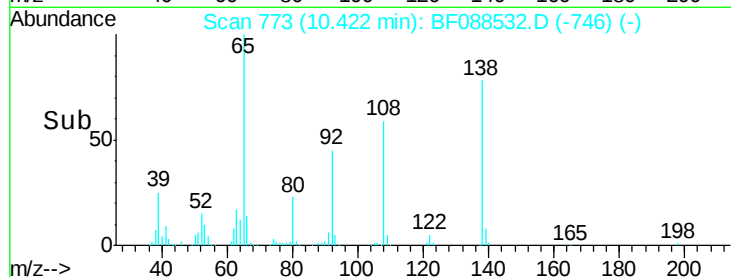
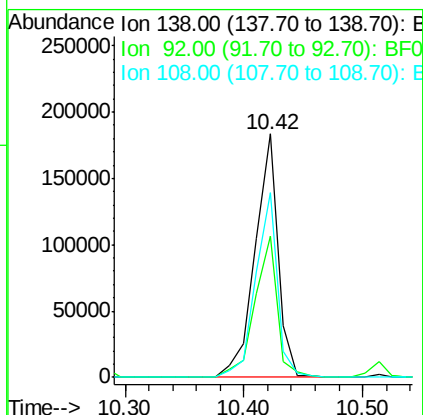
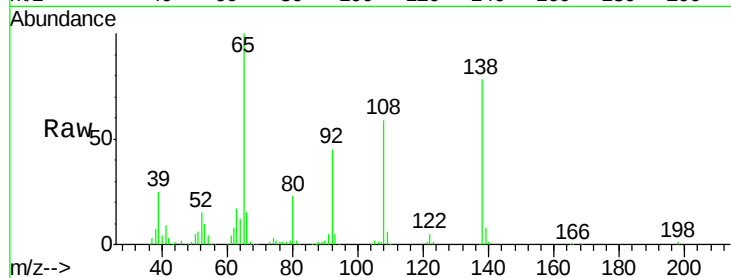
#61
4-Nitroaniline
Concen: 57.13 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	27.3	67.3
108	76.1	46.7	86.7

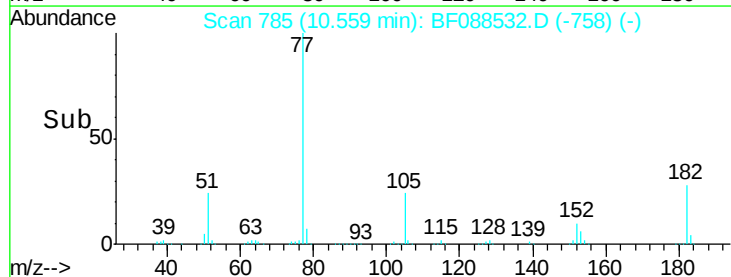
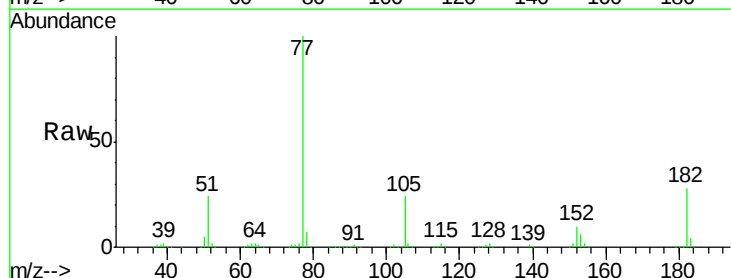
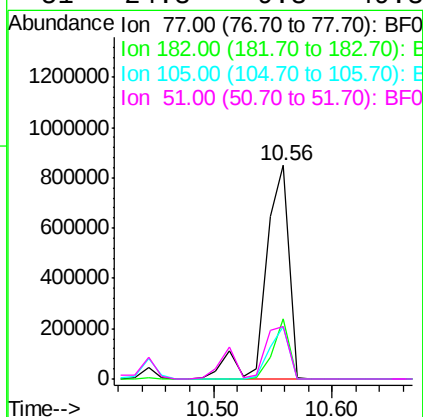
Manual Integrations

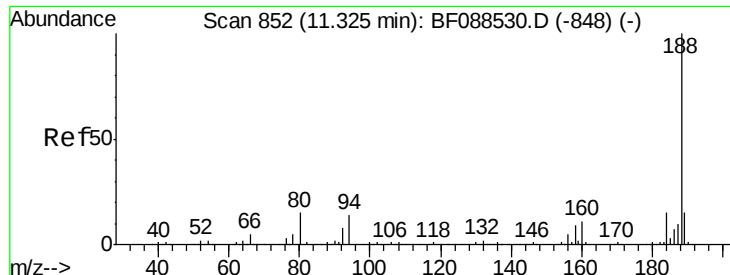
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#62
Azobenzene
Concen: 52.78 ng
RT: 10.56 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	4.4	44.4
105	24.5	3.8	43.8
51	24.3	9.3	49.3





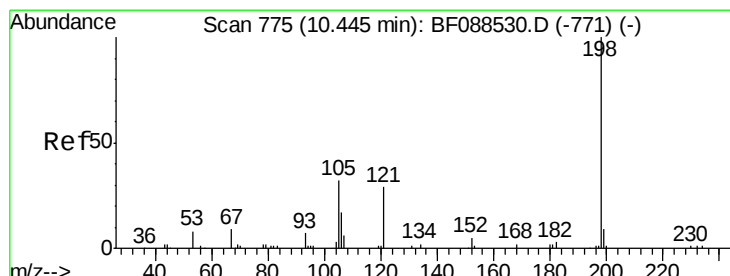
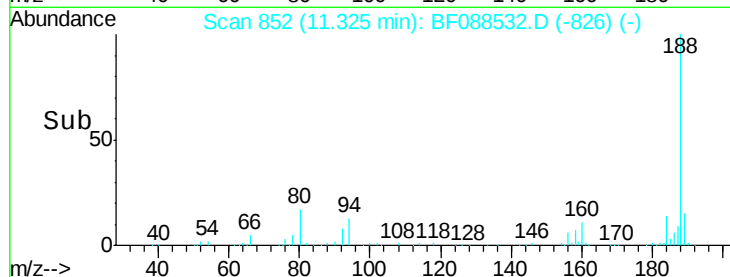
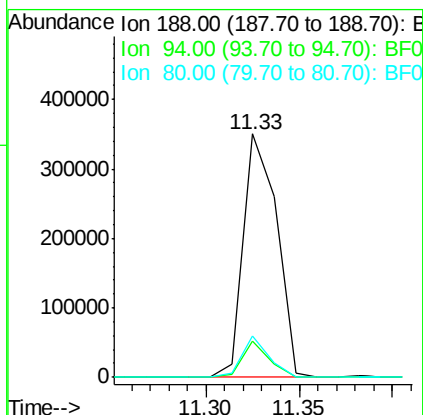
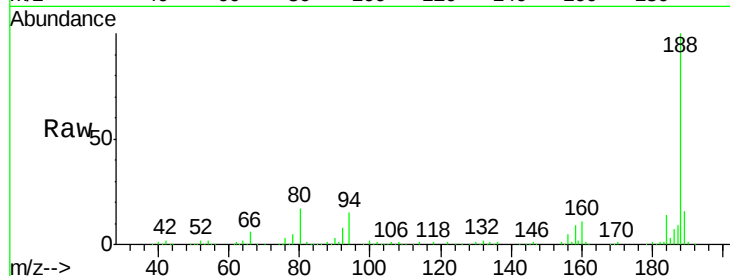
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	435916		
94	14.8	9.0	13.6#	
80	16.8	10.0	15.0#	

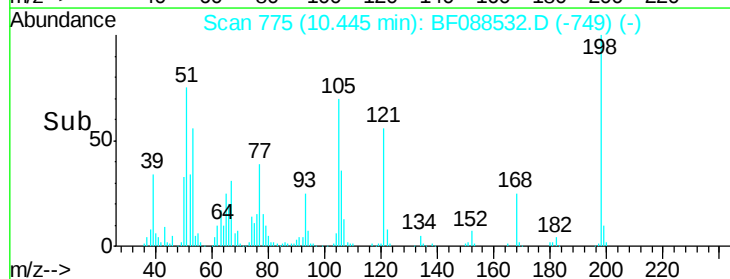
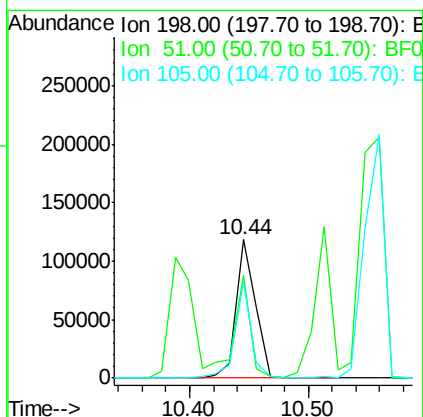
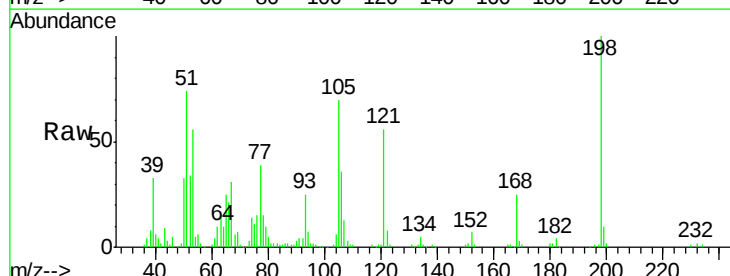
Manual Integrations

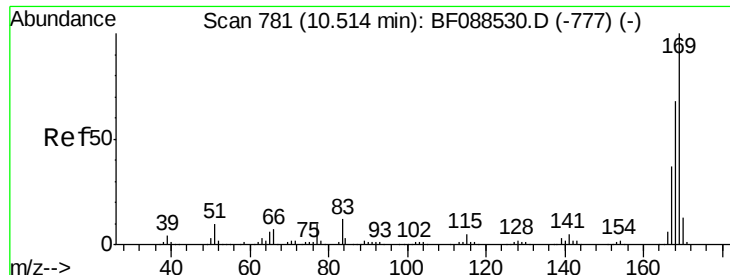
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#64
4,6-Dinitro-2-methylphenol
Concen: 66.66 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

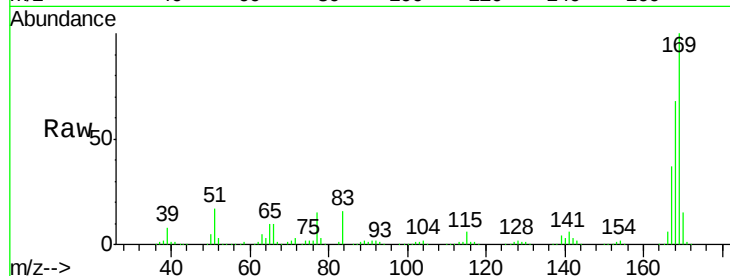
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	134113		
51	74.5	39.6	79.6	
105	70.0	36.6	76.6	





#65
 n-Nitrosodiphenylamine
 Concen: 49.99 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

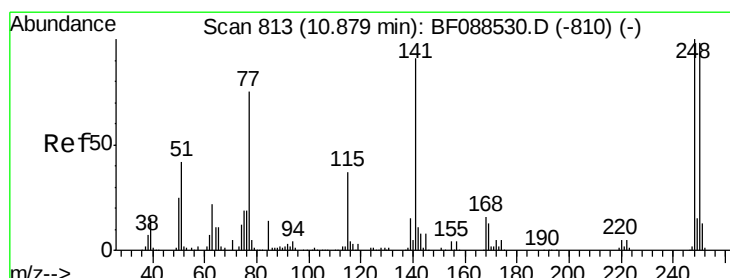
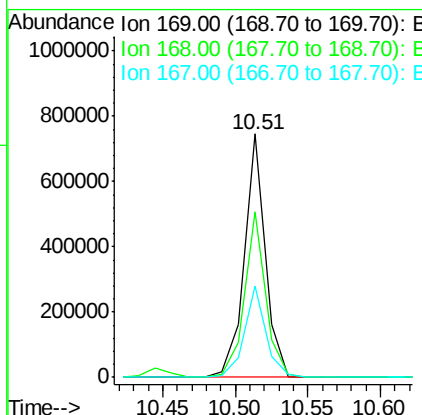
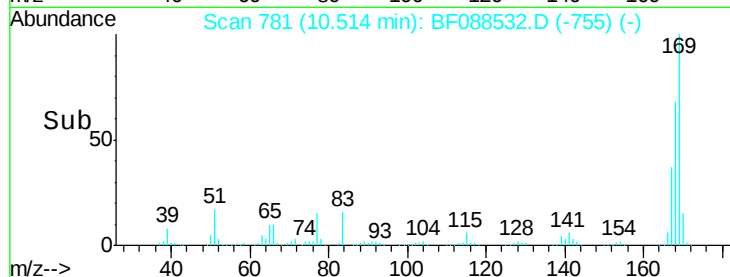
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.4	80.0
167	37.4	29.4	44.0

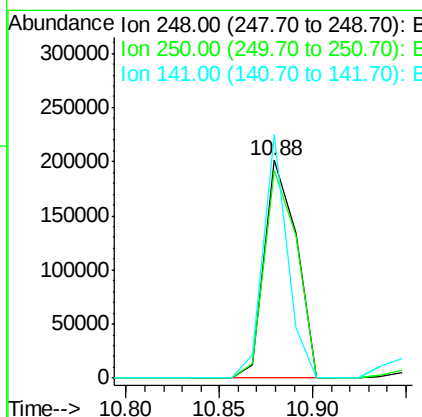
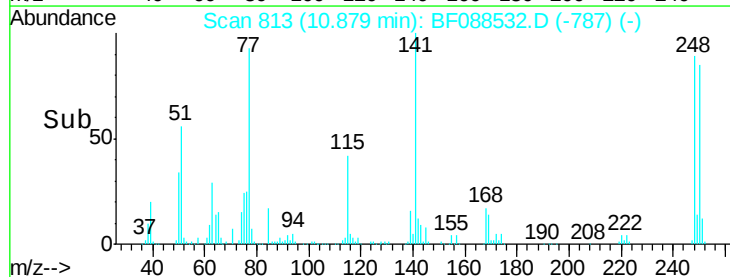
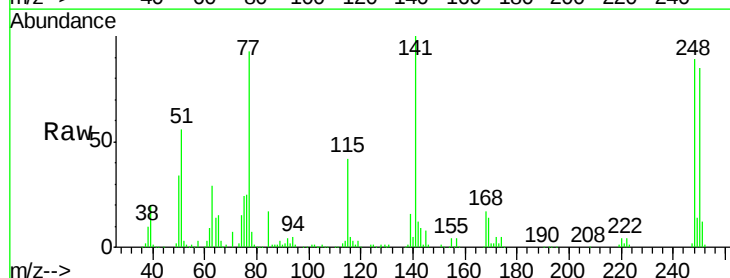
Manual Integrations

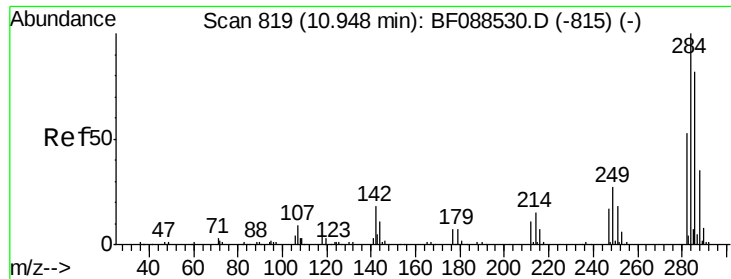
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#66
 4-Bromophenyl-phenylether
 Concen: 53.46 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.1	115.7
141	111.8	50.6	76.0





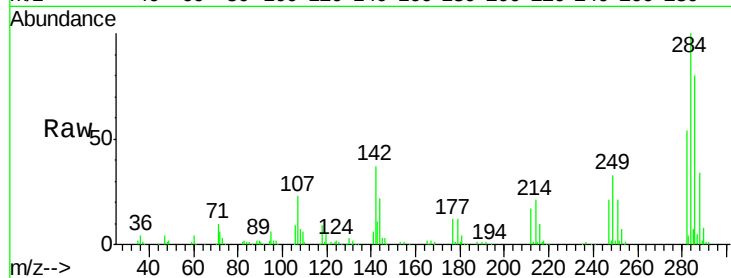
#67
Hexachlorobenzene
Concen: 56.50 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

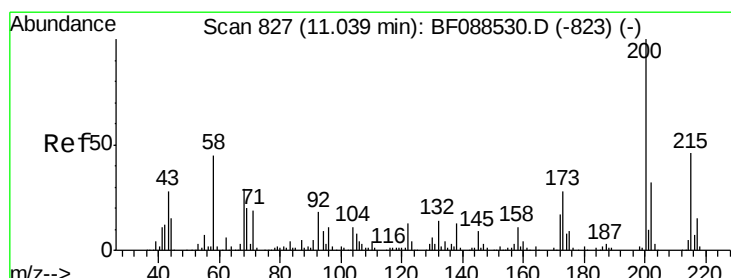
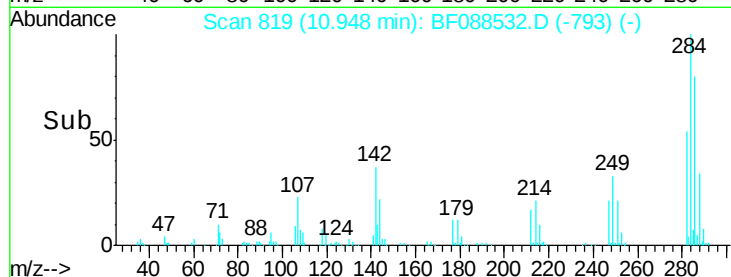
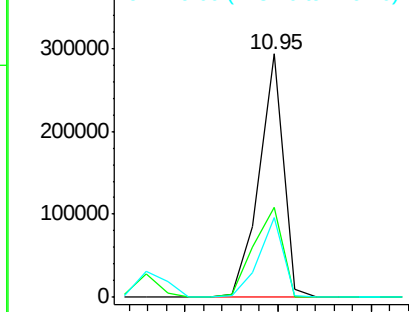
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	268853		
142	37.1	35.8	53.8	
249	32.7	25.8	38.6	

Manual Integrations

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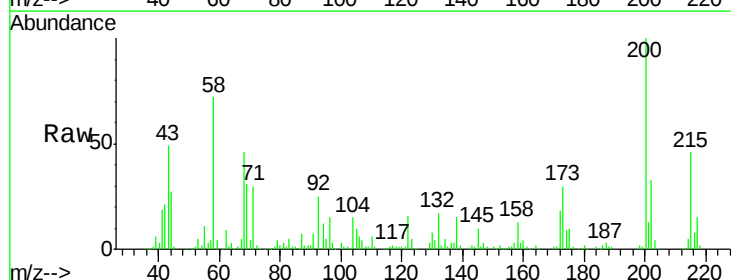


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

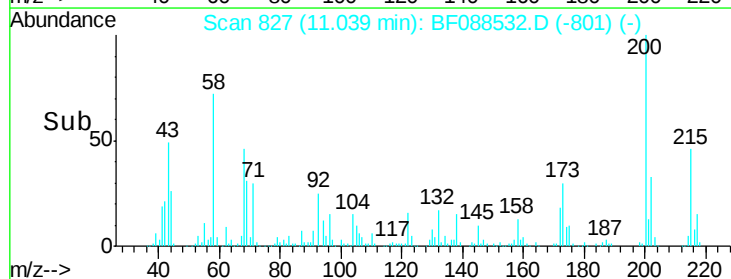
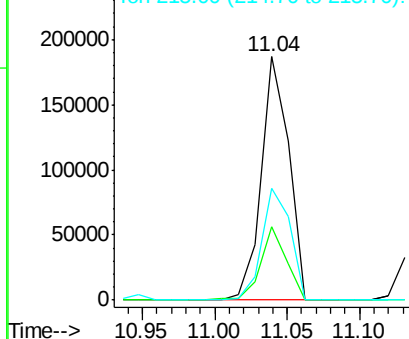


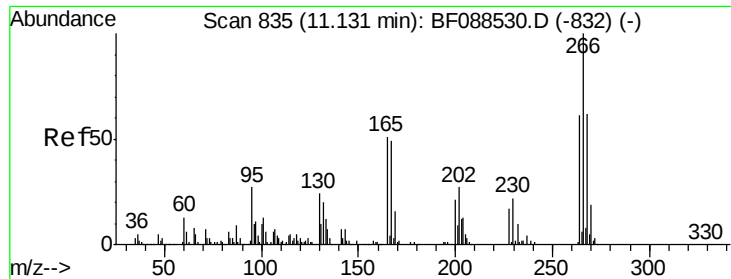
#68
Atrazine
Concen: 52.56 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	244190		
173	30.4	4.0	44.0	
215	45.7	29.3	69.3	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





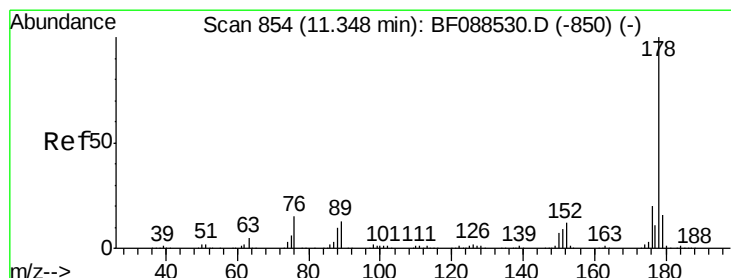
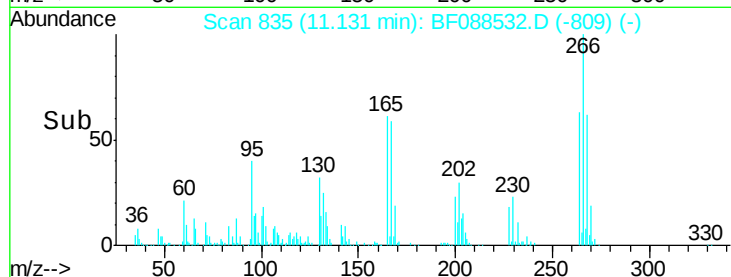
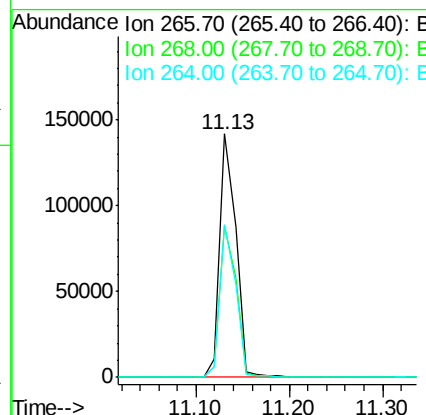
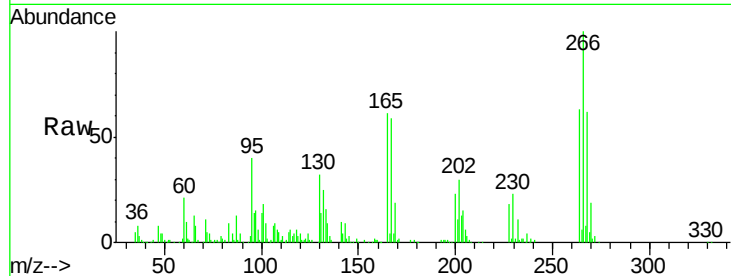
#69
 Pentachlorophenol
 Concen: 59.71 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.8	79.2
264	62.8	49.6	74.4

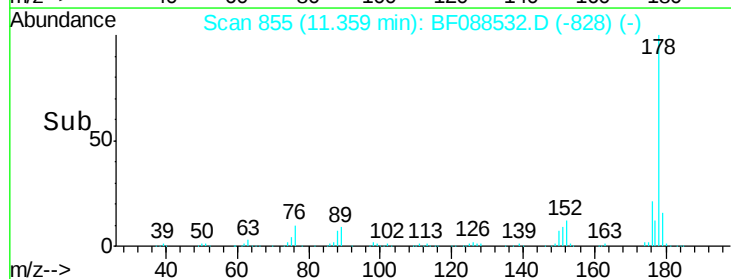
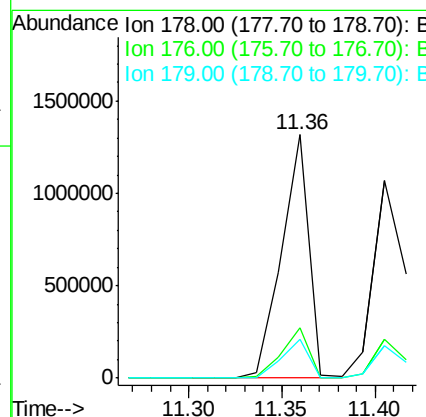
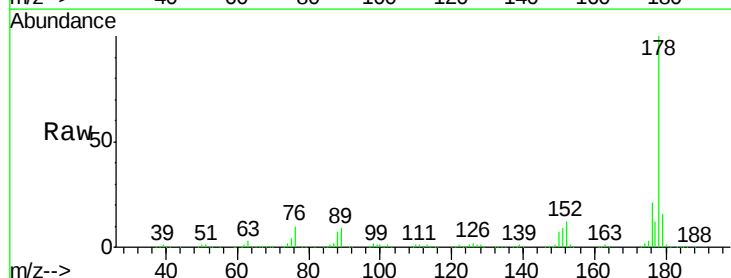
Manual Integrations

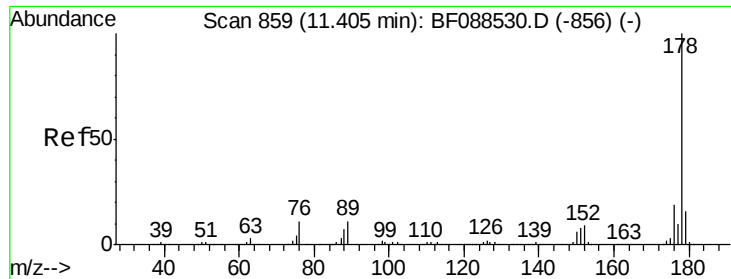
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#70
 Phenanthrene
 Concen: 53.69 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	16.1	13.0	19.4





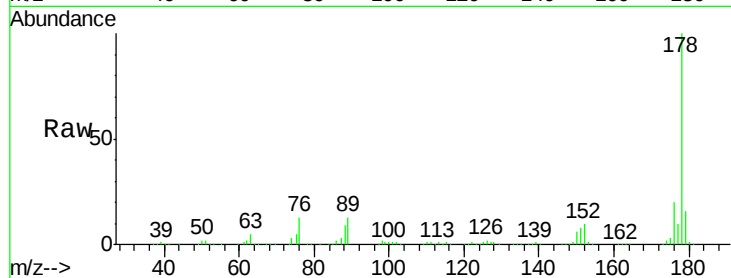
#71
 Anthracene
 Concen: 50.29 ng
 RT: 11.41 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

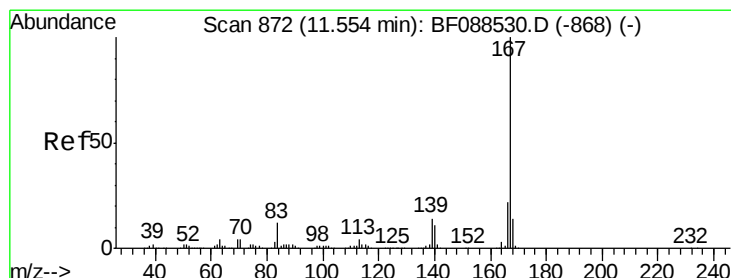
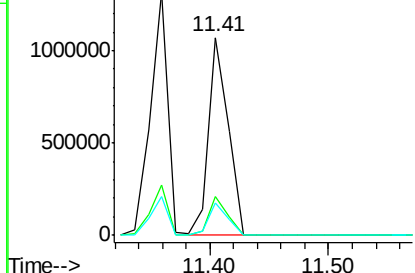
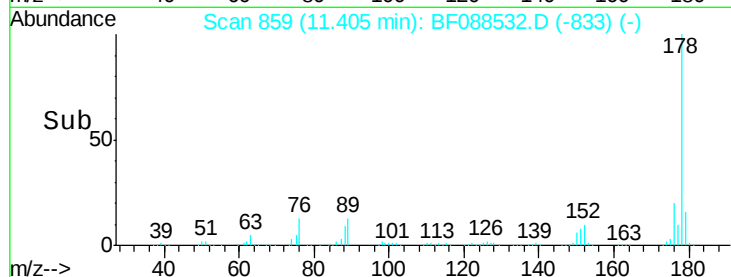
Tgt Ion:178 Resp: 1224201
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.3 12.8 19.2

Manual Integrations

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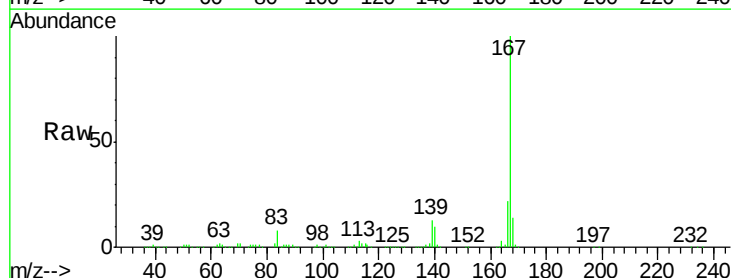


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

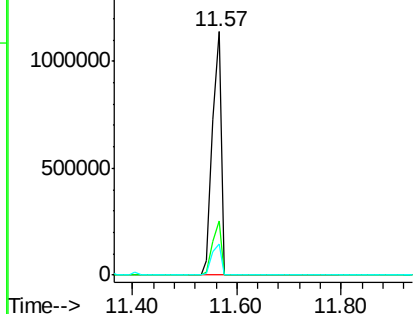
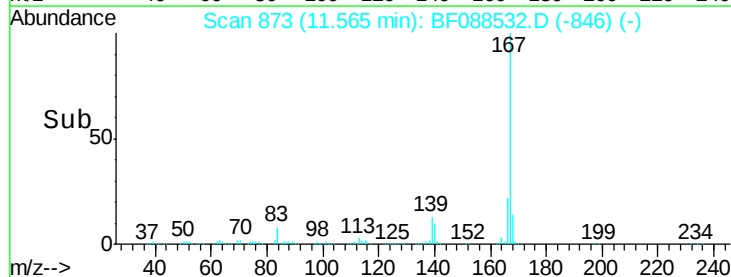


#72
 Carbazole
 Concen: 57.38 ng
 RT: 11.57 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion:167 Resp: 1334400
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 12.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.89 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088532.D

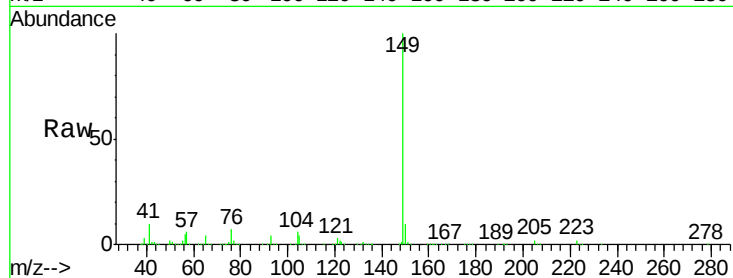
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampled :

SSTDICC060



Tgt Ion:149 Resp: 1435330

Ion Ratio Lower Upper

149 100

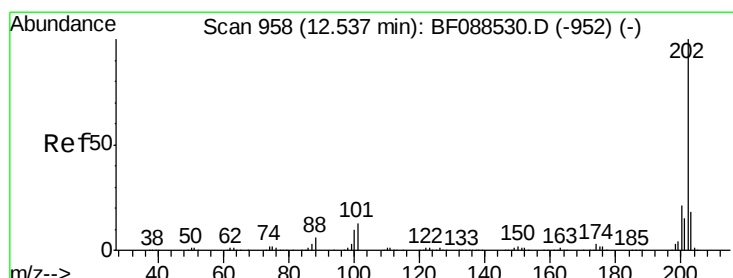
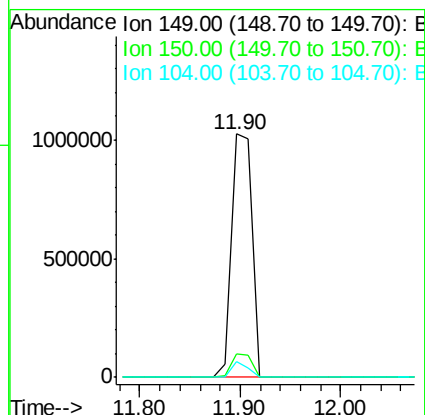
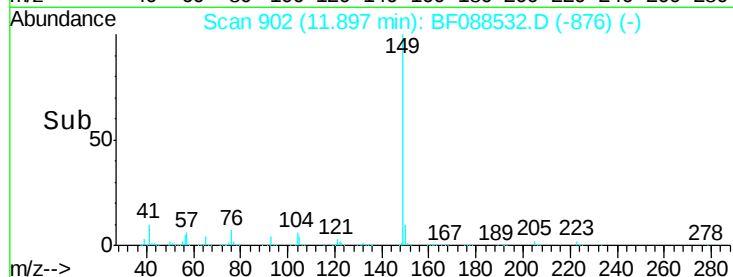
150 9.8 7.8 11.6

104 6.2 4.0 6.0#

Manual Integrations

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#74

Fluoranthene

Concen: 50.79 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

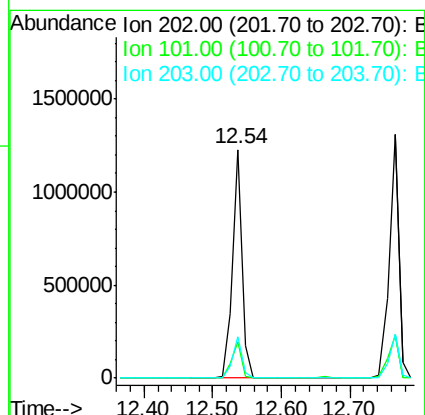
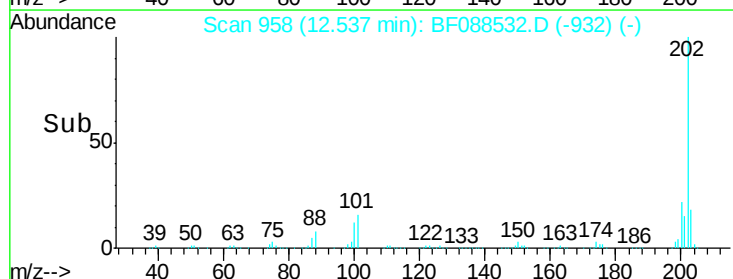
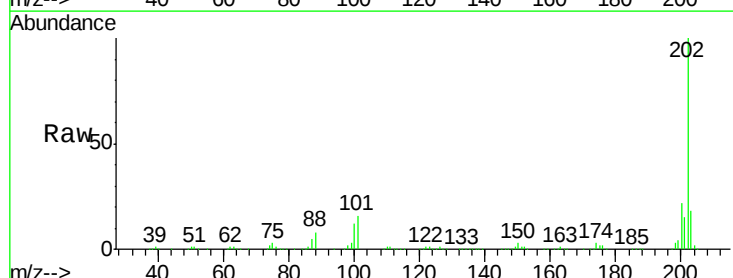
Tgt Ion:202 Resp: 1220307

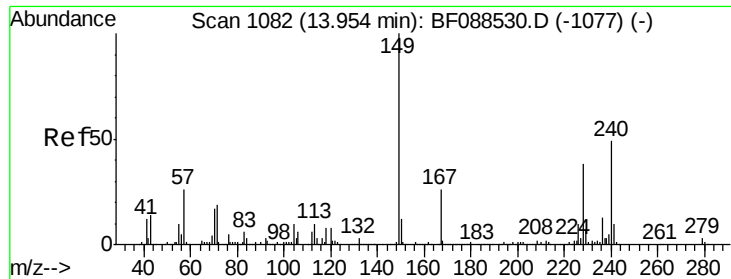
Ion Ratio Lower Upper

202 100

101 15.6 0.0 33.1

203 18.0 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: BF088532.D

Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

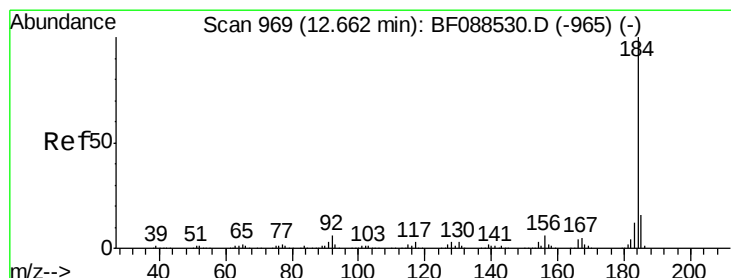
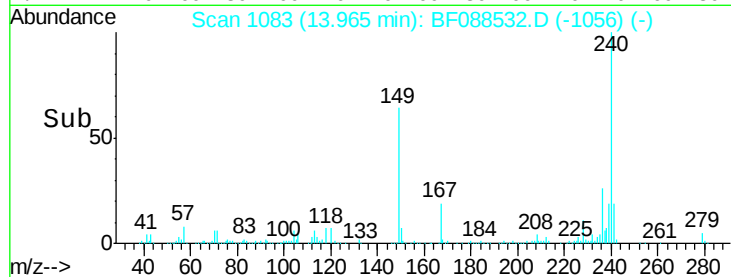
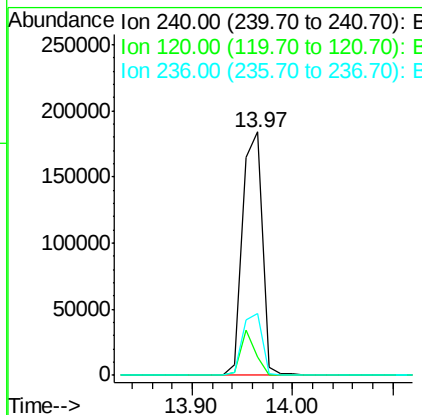
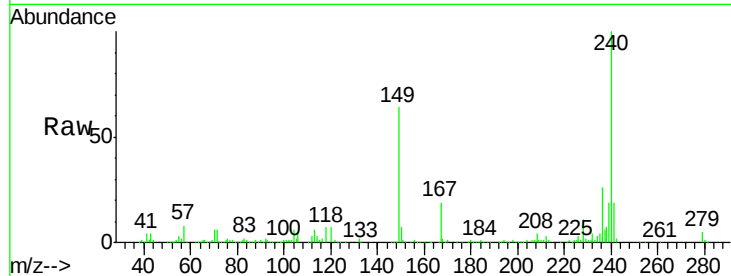
SSTDICC060

Tgt Ion:	240	Resp:	251550
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.8	10.2
236	25.5	20.2	30.2

Manual Integrations

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#76

Benzidine

Concen: 99.85 ng

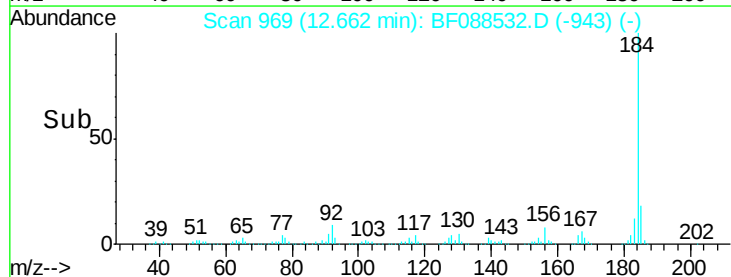
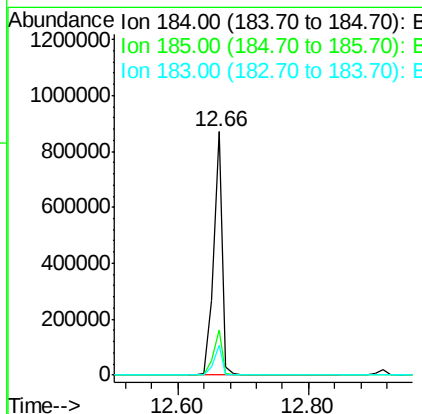
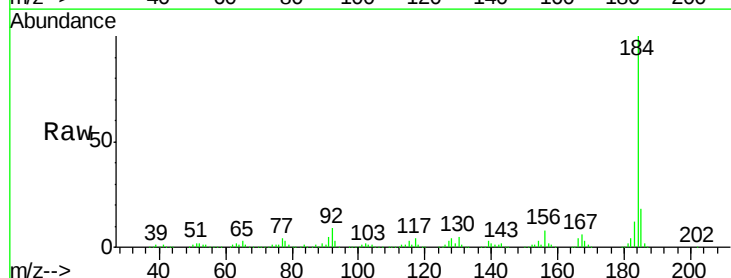
RT: 12.66 min Scan# 969

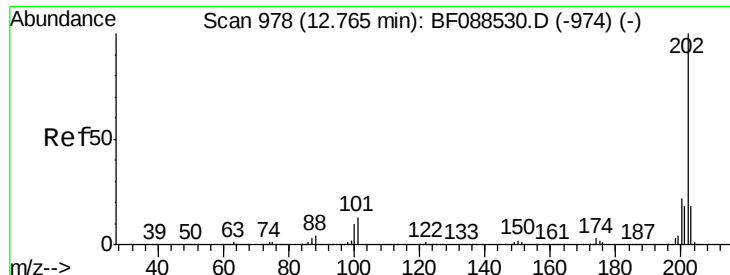
Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Tgt Ion:	184	Resp:	815254
Ion Ratio	Lower	Upper	
184	100		
185	18.4	12.5	18.7
183	12.3	9.3	13.9





#77
Pyrene
 Concen: 58.92 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

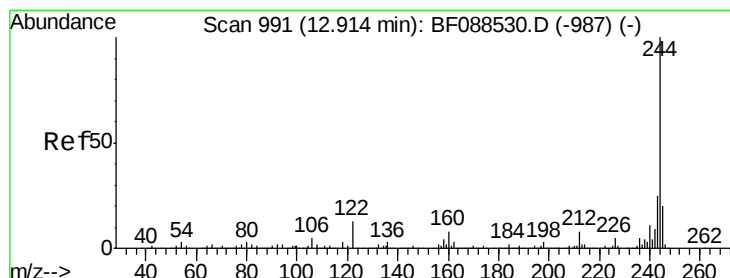
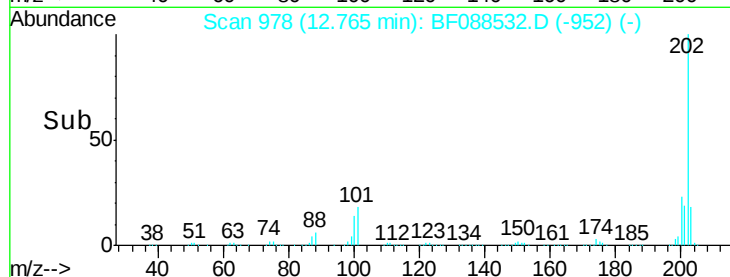
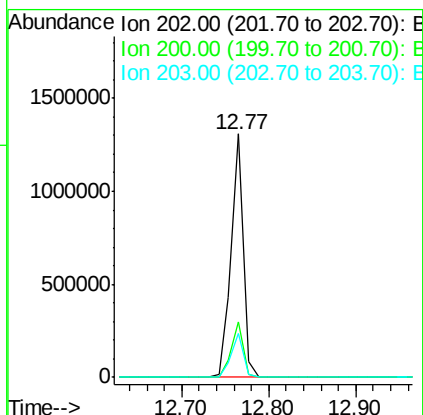
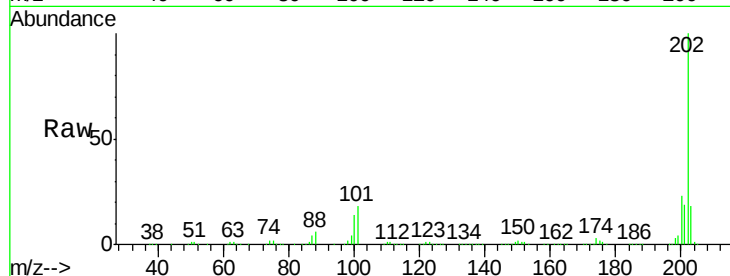
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 202 Resp: 1269190

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.3	14.5	21.7

Manual Integrations

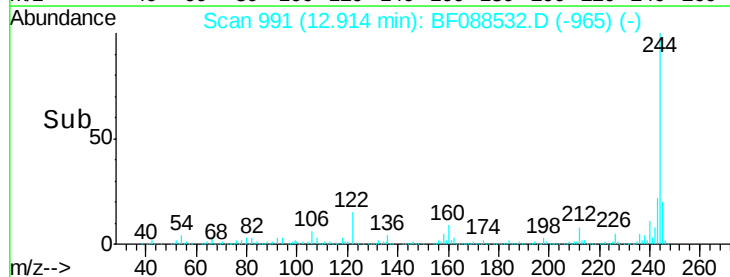
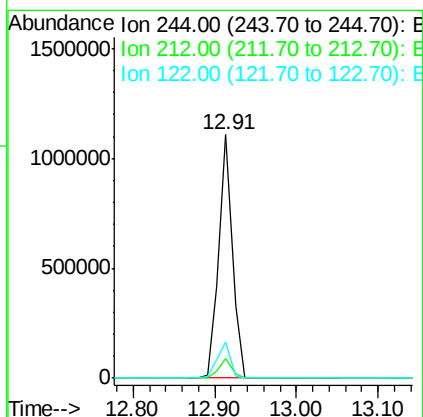
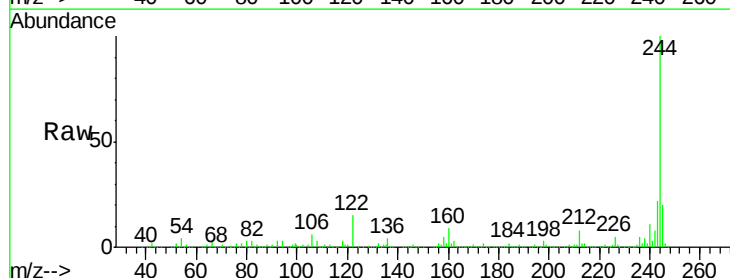
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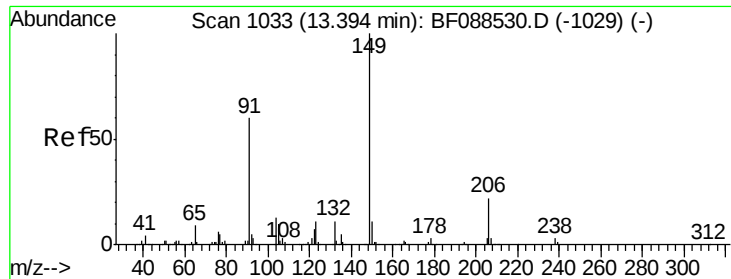


#78
Terphenyl-d14
 Concen: 56.14 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion: 244 Resp: 1288863

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	15.2	11.2	16.8





#79

Butylbenzylphthalate

Concen: 67.20 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

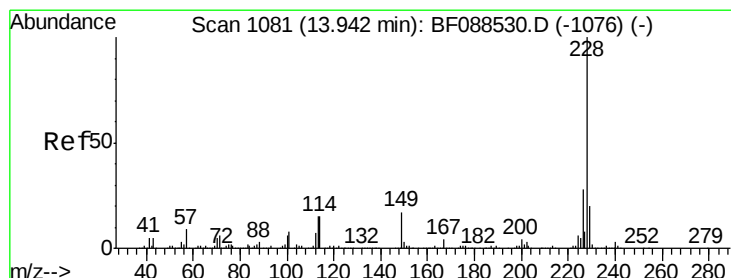
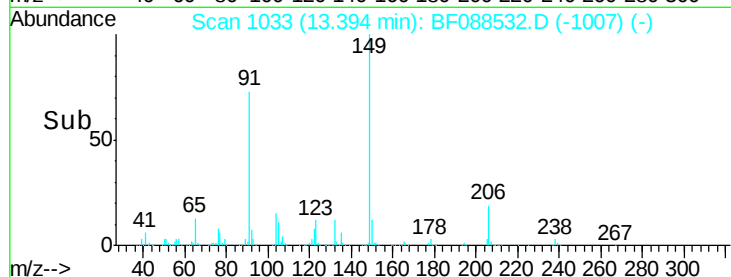
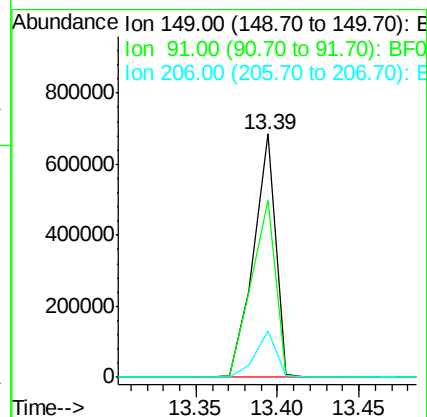
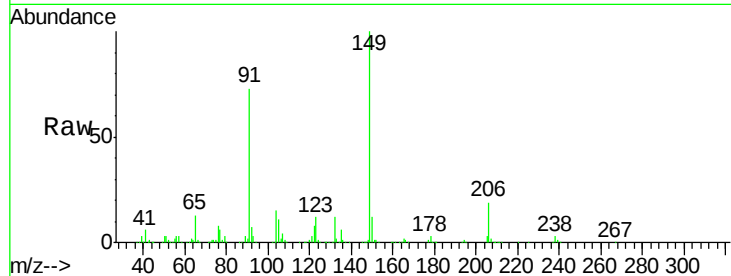
SSTDICC060

Tgt Ion:	149	Resp:	644869
Ion Ratio	Lower	Upper	
149	100		
91	72.9	48.0	72.0#
206	19.1	16.0	24.0

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 58.35 ng

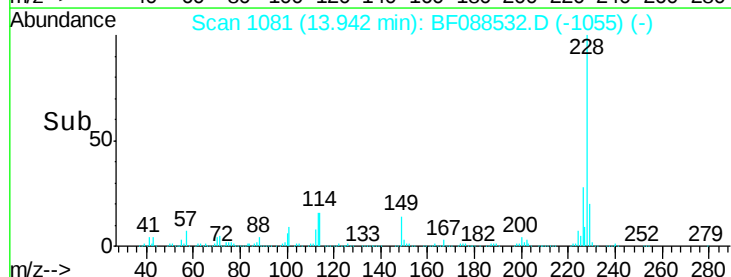
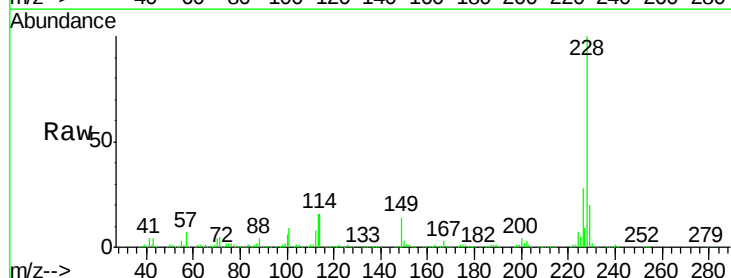
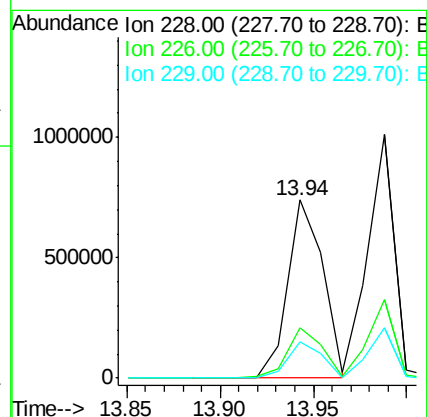
RT: 13.94 min Scan# 1081

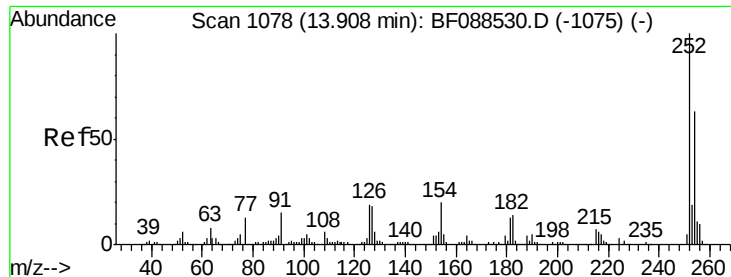
Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Tgt Ion:	228	Resp:	976358
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.3	33.5
229	20.3	16.0	24.0





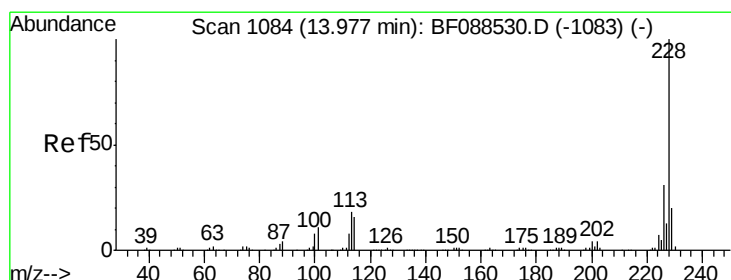
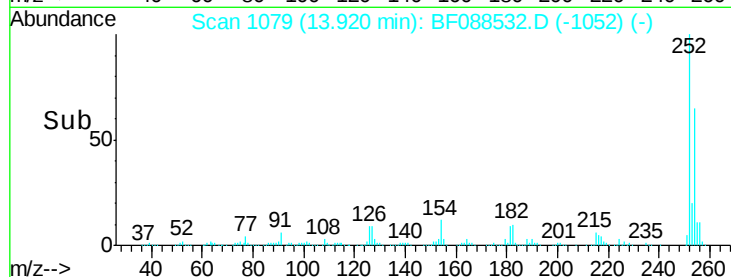
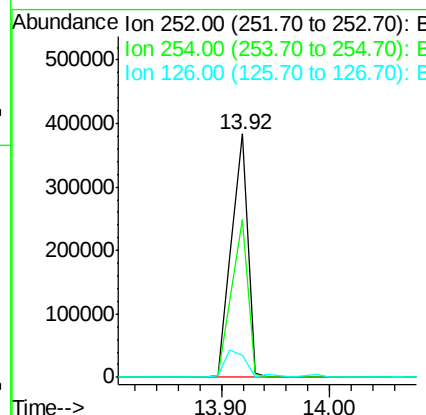
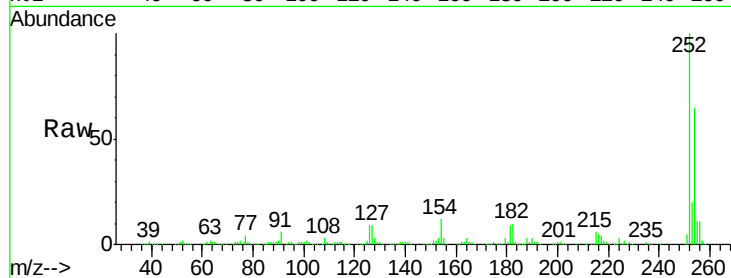
#81
 3,3'-Dichlorobenzidine
 Concen: 72.27 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	78.8
126	9.1	6.2	9.2

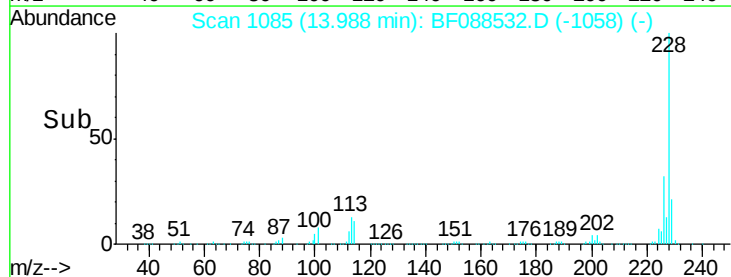
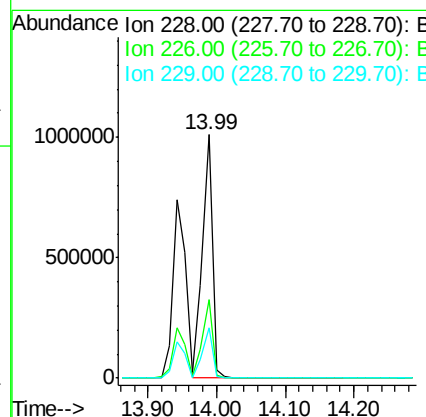
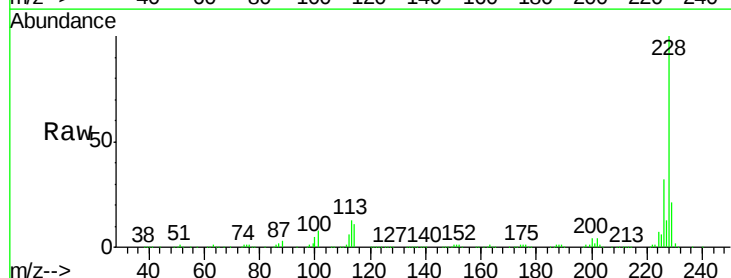
Manual Integrations

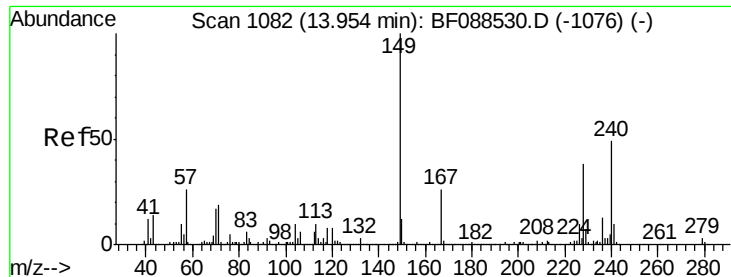
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#82
 Chrysene
 Concen: 60.51 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.2
229	20.5	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 61.08 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 681088

Ion Ratio Lower Upper

149 100

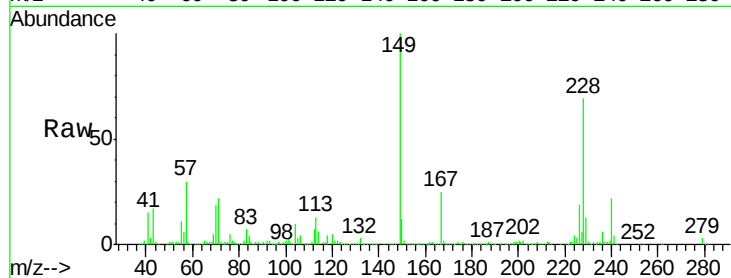
167 25.3 20.5 30.7

279 2.6 2.0 3.0

Manual Integrations

SOHIL

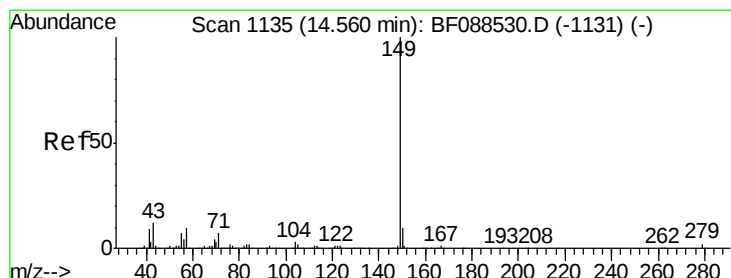
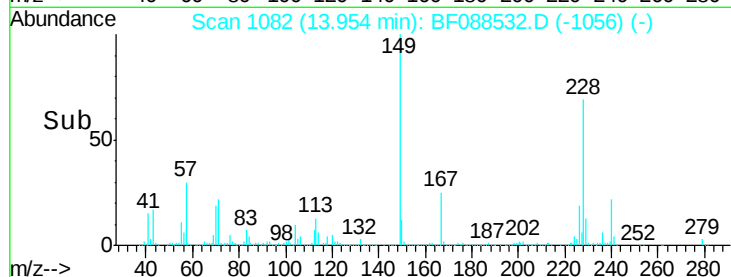
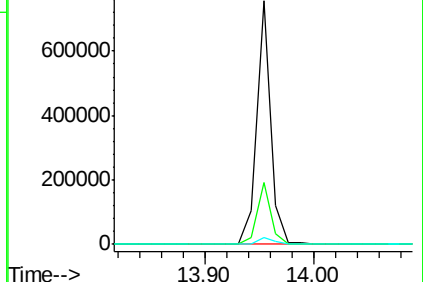
7/1/2016 8:06:54 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 63.20 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

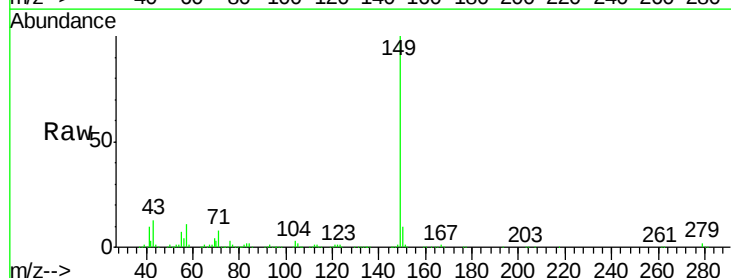
Tgt Ion:149 Resp: 1166174

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

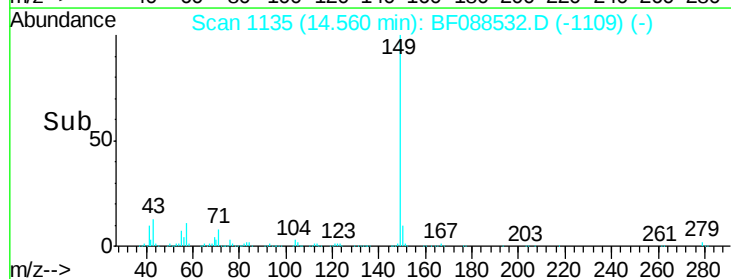
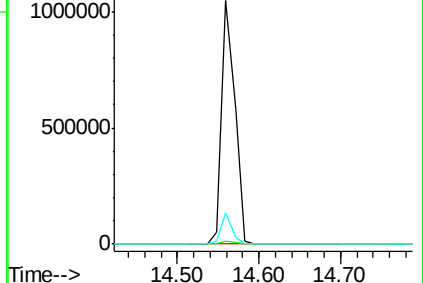
43 10.7 0.0 0.0#

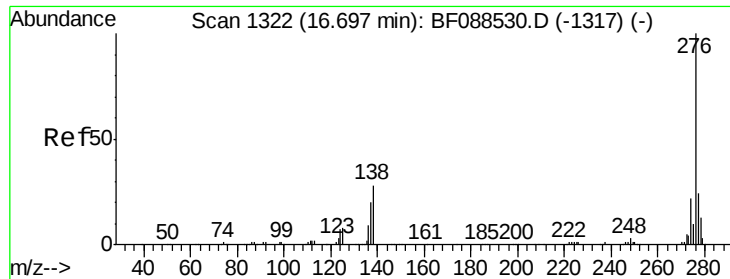


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





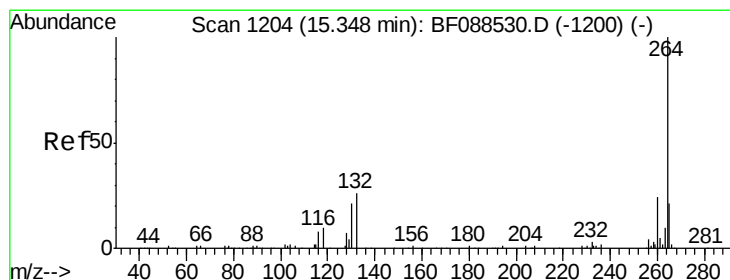
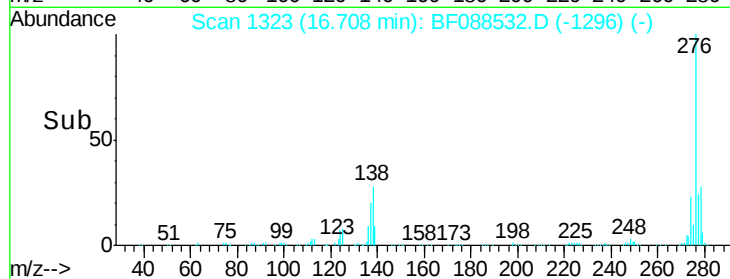
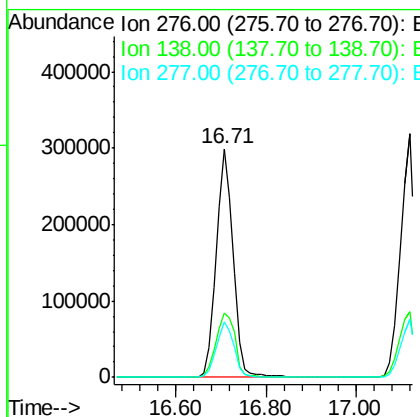
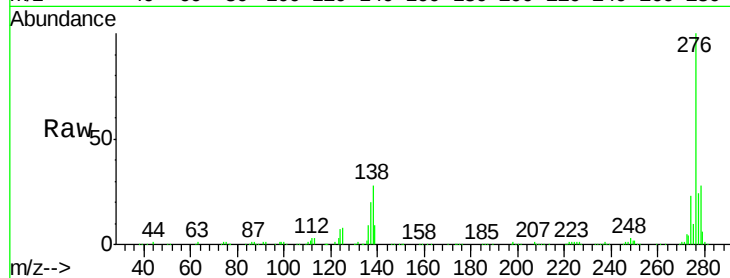
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.44 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	783636		
138	32.0	0.0	0.0	0.0
277	25.0	0.0	0.0	0.0

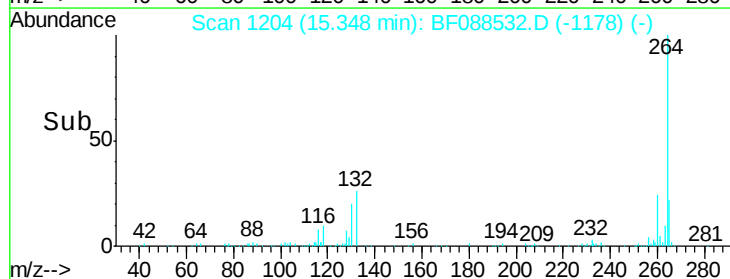
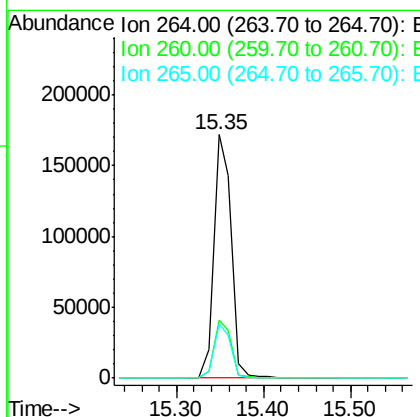
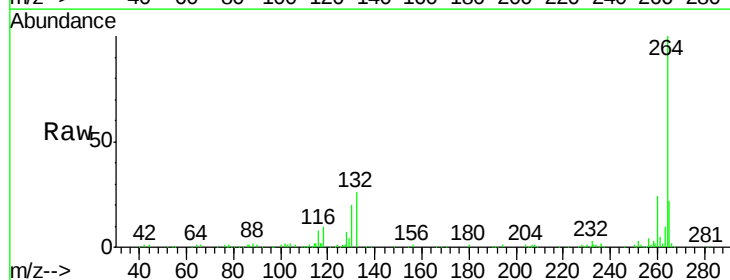
Manual Integrations

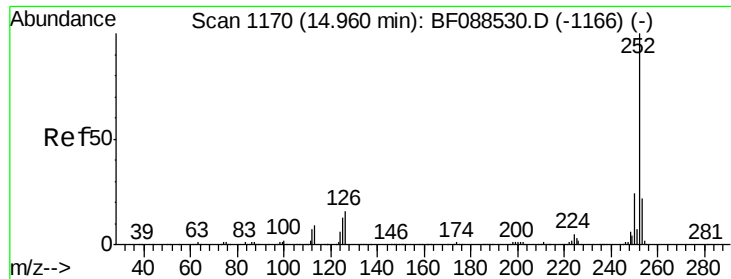
SOHIL
 7/1/2016 8:06:54 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088532.D
 Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	241186		
260	23.9	19.2	28.8	
265	22.3	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 53.07 ng m

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF088532.D

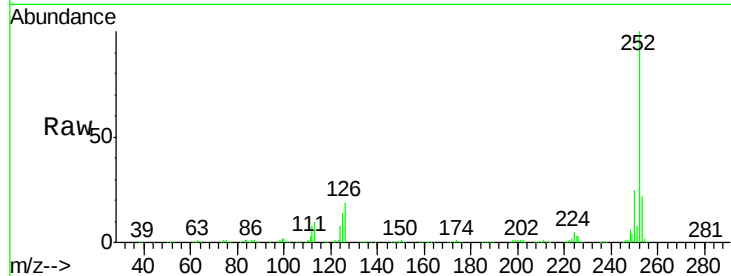
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

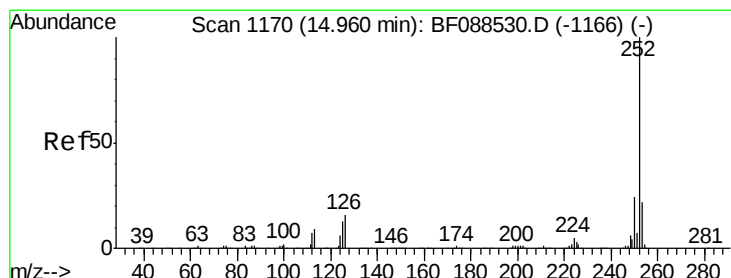
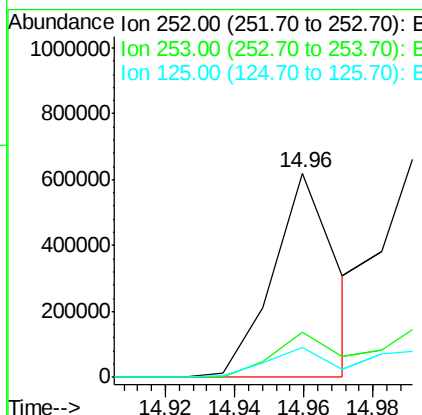
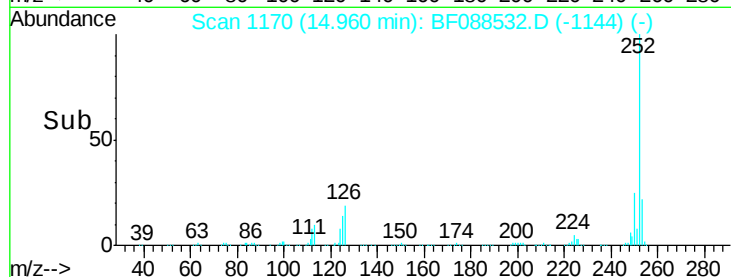


Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	14.5	7.1	10.7#

Manual Integrations

SOHIL

7/1/2016 8:06:54 AM



#88

Benzo(k)fluoranthene

Concen: 59.32 ng m

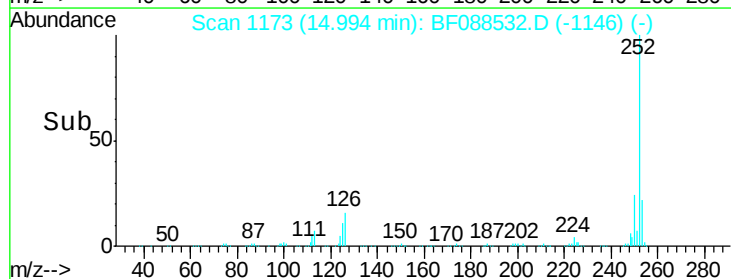
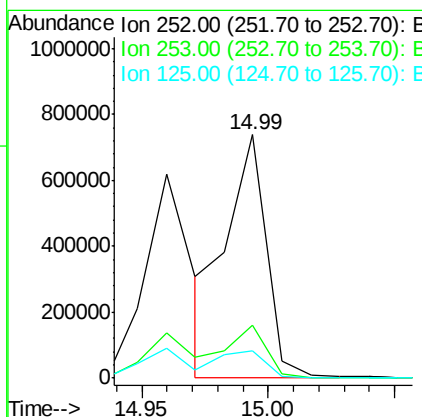
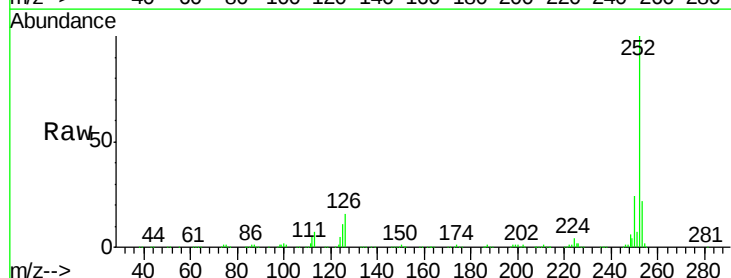
RT: 14.99 min Scan# 1173

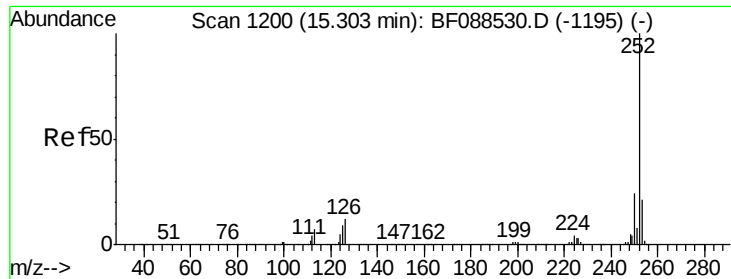
Delta R.T. 0.01 min

Lab File: BF088532.D

Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.1	11.2	16.8#





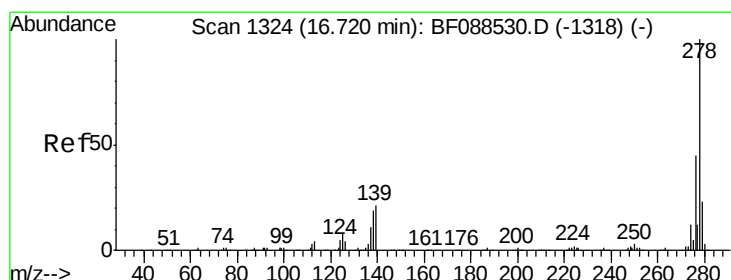
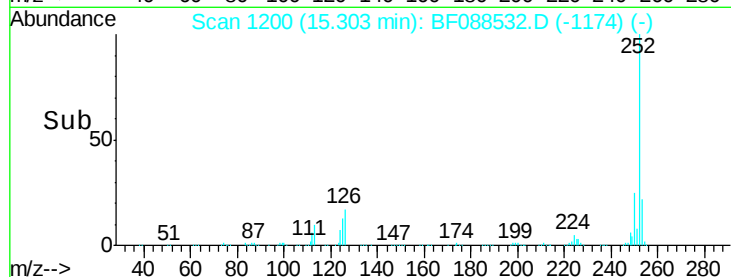
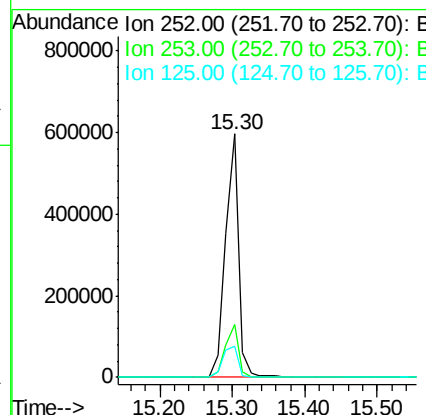
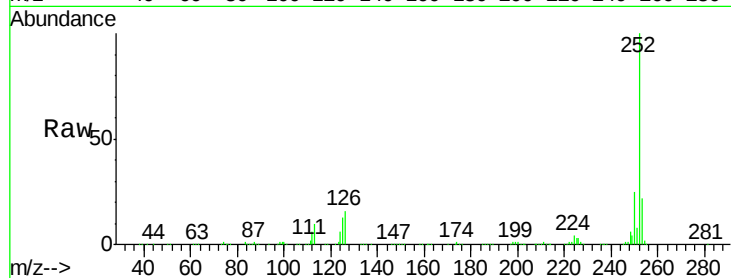
#89
Benzo(a)pyrene
Concen: 55.46 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.6	12.5	18.7

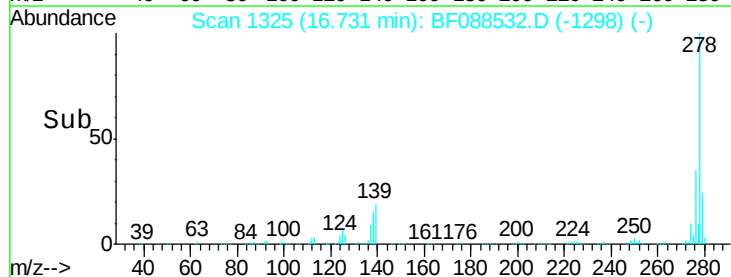
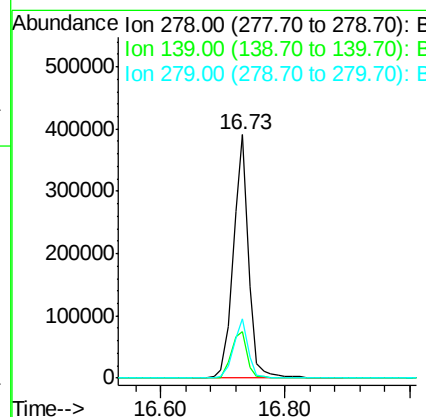
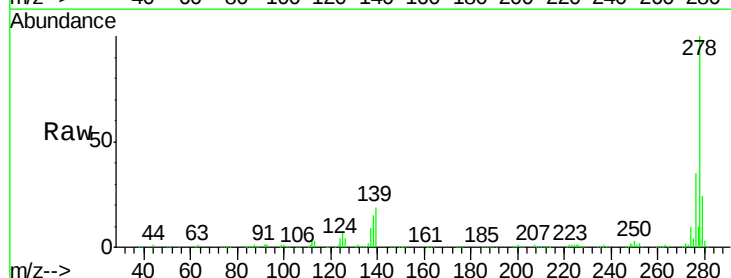
Manual Integrations

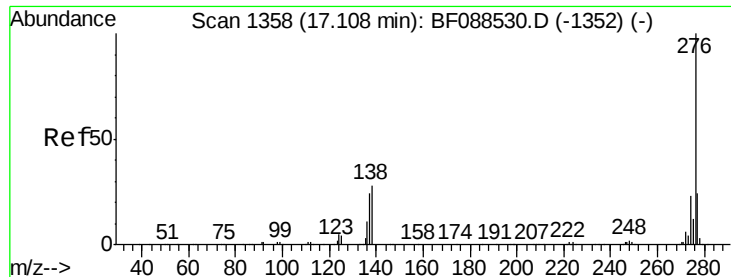
SOHIL
7/1/2016 8:06:54 AM



#90
Dibenzo(a,h)anthracene
Concen: 60.16 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF088532.D
Acq: 30 Jun 2016 16:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.7	23.5
279	24.2	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 61.69 ng

RT: 17.12 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF088532.D

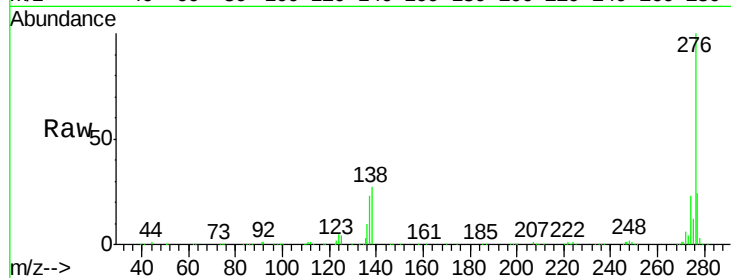
Acq: 30 Jun 2016 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



Tgt Ion: 276 Resp: 707047

Ion Ratio Lower Upper

276 100

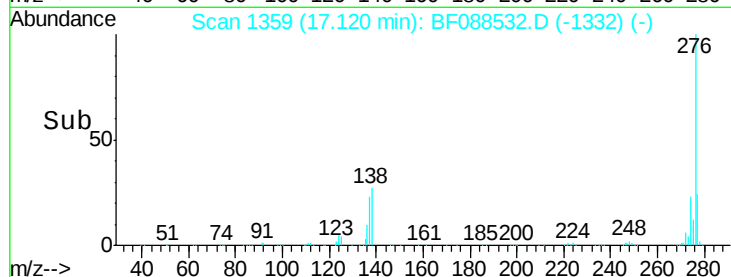
277 23.6 18.9 28.3

138 26.9 21.4 32.2

Manual Integrations

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

400000

300000

200000

100000

0

17.12

17.00

17.20

17.40

Time-->