

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088555.D
 Acq On : 1 Jul 2016 3:44
 Operator : UM/SJ
 Sample : H3630-08MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Manual Integrations

sohil
 7/1/2016 6:59:32 PM

7/1/2016 6:59:32 PM

Quant Time: Jul 01 11:49:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	119525	20.00	ng	0.01
21) Naphthalene-d8	8.11	136	422568	20.00	ng	0.01
38) Acenaphthene-d10	9.86	164	172298	20.00	ng	0.01
63) Phenanthrene-d10	11.34	188	285326	20.00	ng	0.01
75) Chrysene-d12	13.98	240	168155	20.00	ng	0.02
86) Perylene-d12	15.41	264	170292	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1084191	135.94	ng	0.02
7) Phenol-d6	6.46	99	1389561	134.84	ng	0.01
23) Nitrobenzene-d5	7.39	82	937311	116.24	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	214793	134.25	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1047479	96.03	ng	0.01
78) Terphenyl-d14	12.93	244	687459	91.06	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	147162	37.22	ng	# 34
3) Pyridine	3.14	79	298227	25.99	ng	96
4) n-Nitrosodimethylamine	3.10	42	208200	47.50	ng	87
6) Aniline	6.52	93	272729m	18.16	ng	
8) 2-Chlorophenol	6.60	128	365031	42.59	ng	94
9) Benzaldehyde	6.36	77	14773	2.12	ng	# 75
10) Phenol	6.48	94	450284	38.29	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	680058	77.54	ng	90
12) 1,3-Dichlorobenzene	6.76	146	416930	44.20	ng	99
13) 1,4-Dichlorobenzene	6.84	146	427630	45.68	ng	98
14) 1,2-Dichlorobenzene	6.99	146	352013m	40.17	ng	
15) Benzyl Alcohol	6.97	79	397651	52.43	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	490604	38.63	ng	90
17) 2-Methylphenol	7.08	107	348852	49.89	ng	98
18) Hexachloroethane	7.34	117	185668	51.27	ng	# 85
19) n-Nitroso-di-n-propylamine	7.24	70	312224	45.11	ng	92
20) 3+4-Methylphenols	7.23	107	352561	42.01	ng	# 79
22) Acetophenone	7.23	105	524165	51.11	ng	# 82
24) Nitrobenzene	7.40	77	405057	49.82	ng	# 80
25) Isophorone	7.64	82	809553	54.20	ng	# 91
26) 2-Nitrophenol	7.72	139	191181	57.34	ng	# 93
27) 2,4-Dimethylphenol	7.77	122	342401	49.31	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	489858	50.40	ng	# 96
29) 2,4-Dichlorophenol	7.96	162	288274	51.37	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	309709	50.29	ng	96
31) Naphthalene	8.14	128	1103663	52.98	ng	100
32) Benzoic acid	7.87	122	124089	24.61	ng	# 79
33) 4-Chloroaniline	8.18	127	160492	17.32	ng	95
34) Hexachlorobutadiene	8.25	225	154701	46.91	ng	97
35) Caprolactam	8.55	113	157432m	82.60	ng	
36) 4-Chloro-3-methylphenol	8.66	107	323901	48.81	ng	90
37) 2-Methylnaphthalene	8.82	142	593892	44.27	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	257250	44.89	ng	# 1
40) Hexachlorocyclopentadiene	8.98	237	183765	65.33	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	172914	45.76	nq	96
43) 2,4,5-Trichlorophenol	9.14	196	145471	44.75	nq #	67
45) 1,1'-Biphenyl	9.29	154	713291	49.99	nq	96
46) 2-Chloronaphthalene	9.31	162	560740	50.06	nq	97
47) 2-Nitroaniline	9.40	65	208646	52.49	nq #	74
48) Acenaphthylene	9.72	152	828080	46.46	nq	99
49) Dimethylphthalate	9.59	163	691900	56.37	nq	99
50) 2,6-Dinitrotoluene	9.64	165	143979	52.92	nq #	56
51) Acenaphthene	9.90	154	514690	47.11	nq	97
52) 3-Nitroaniline	9.80	138	97561	28.21	nq #	88
53) 2,4-Dinitrophenol	9.91	184	25746	21.43	nq #	53
54) Dibenzofuran	10.07	168	744248	52.05	nq #	90
55) 4-Nitrophenol	9.98	139	253474	96.45	nq #	71
56) 2,4-Dinitrotoluene	10.04	165	186105	52.32	nq #	59
57) Fluorene	10.41	166	540471	49.05	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	128361	51.04	nq #	44
59) Diethylphthalate	10.28	149	607888	49.35	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	223037	43.56	nq	93
61) 4-Nitroaniline	10.42	138	145165	43.62	nq	99
62) Azobenzene	10.56	77	697301	49.62	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	27133	17.78	nq #	85
65) n-Nitrosodiphenylamine	10.51	169	478595	49.56	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	149705	52.07	nq	97
67) Hexachlorobenzene	10.95	284	139596	43.86	nq #	84
68) Atrazine	11.05	200	156169	51.90	nq	95
69) Pentachlorophenol	11.14	266	161040	85.49	nq	96
70) Phenanthrene	11.36	178	677202	43.42	nq	100
71) Anthracene	11.42	178	773516	49.88	nq	99
72) Carbazole	11.57	167	642744	44.03	nq	99
73) Di-n-butylphthalate	11.91	149	828502	48.80	nq	99
74) Fluoranthene	12.56	202	645119	40.80	nq	97
77) Pyrene	12.78	202	668612	46.89	nq	100
79) Butylbenzylphthalate	13.41	149	305379	48.02	nq #	85
80) Benzo(a)anthracene	13.97	228	482748	44.58	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	83323	20.47	nq #	93
82) Chrysene	14.00	228	433690	40.48	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	327643	45.13	nq #	94
84) Di-n-octyl phthalate	14.58	149	521703	42.29	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	484722	58.81	nq #	100
87) Benzo(b)fluoranthene	15.01	252	528960m	49.52	nq	
88) Benzo(k)fluoranthene	15.03	252	352535m	37.91	nq	
89) Benzo(a)pyrene	15.35	252	407615	45.07	nq #	90
90) Dibenzo(a,h)anthracene	16.81	278	403910	53.48	nq	98
91) Benzo(g,h,i)perylene	17.20	276	408988	52.33	nq	99

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

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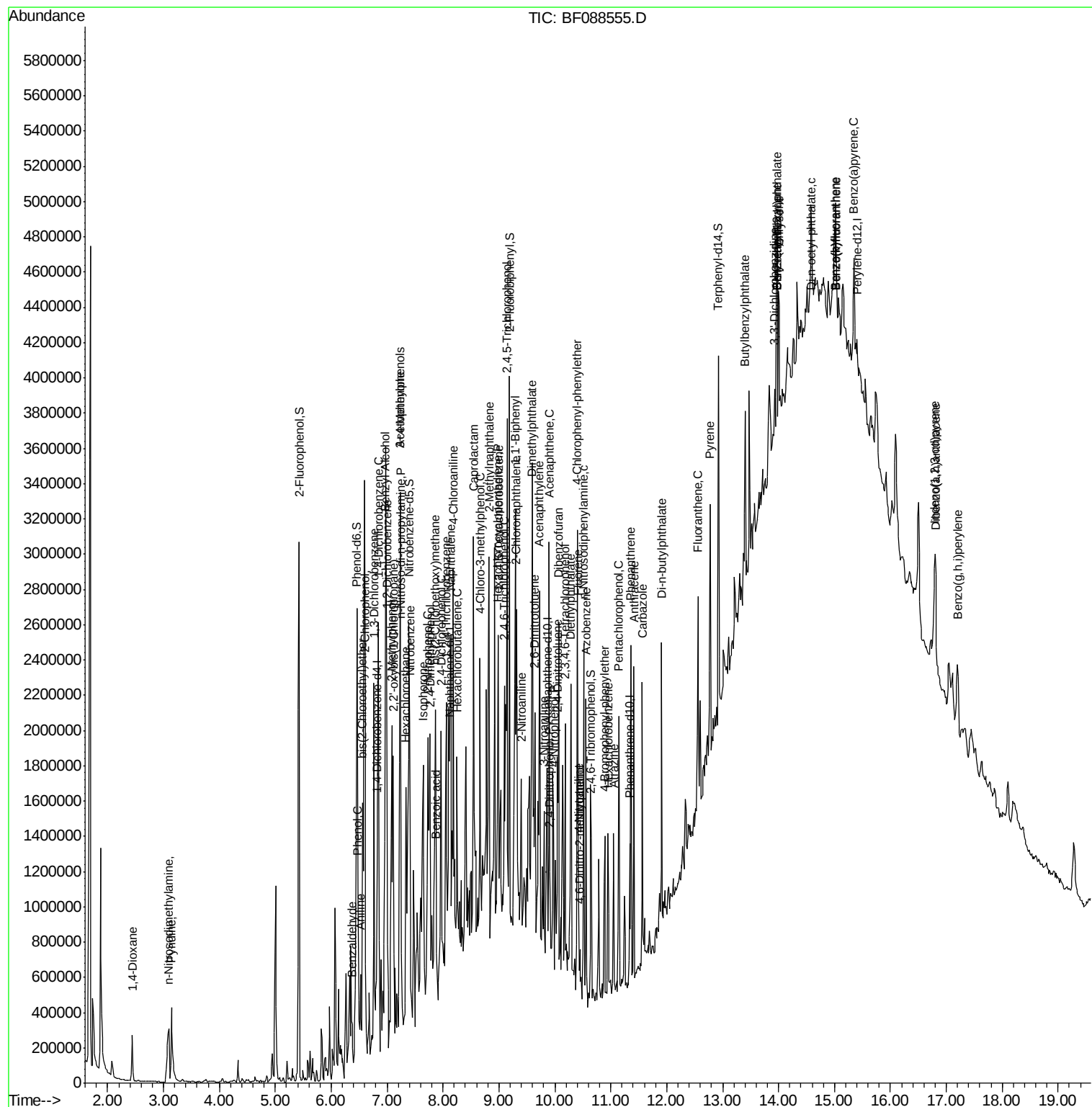
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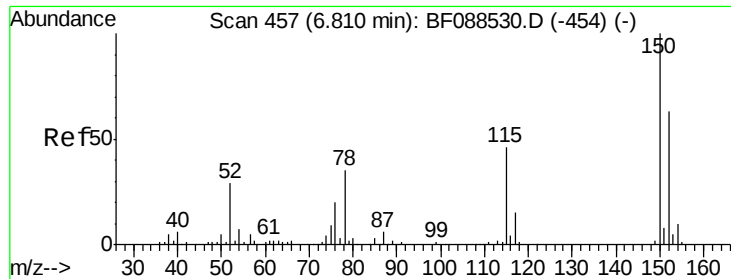
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:152 Resp: 119525

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

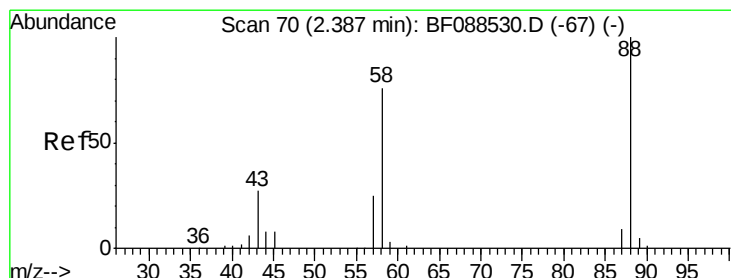
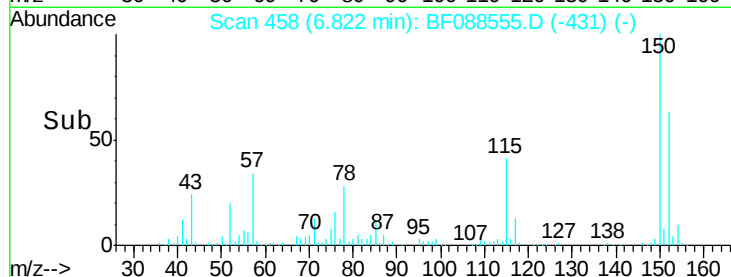
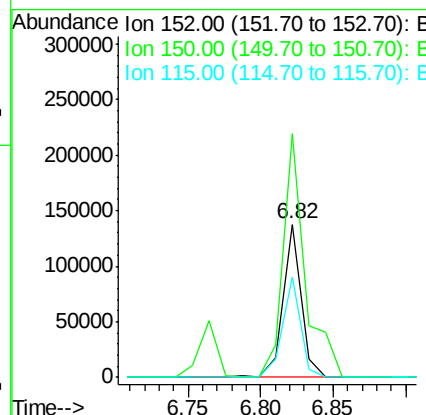
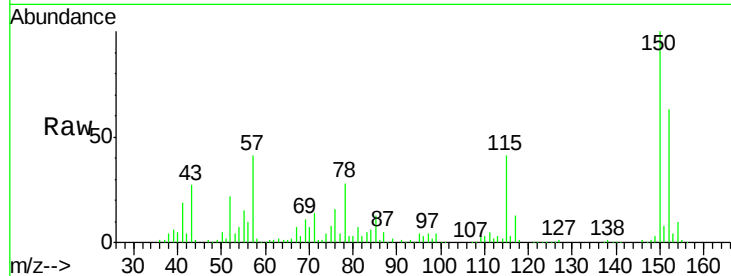
115 65.5 39.6 59.4#

Manual Integrations

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#2

1,4-Dioxane

Concen: 37.22 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.05 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

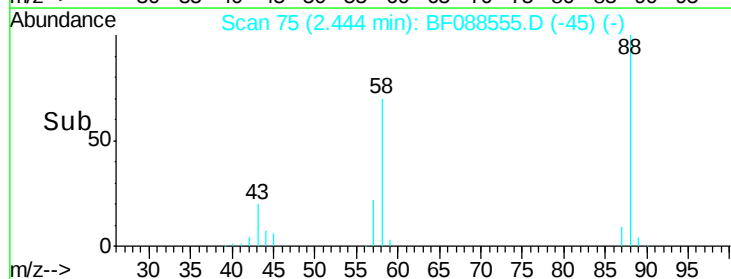
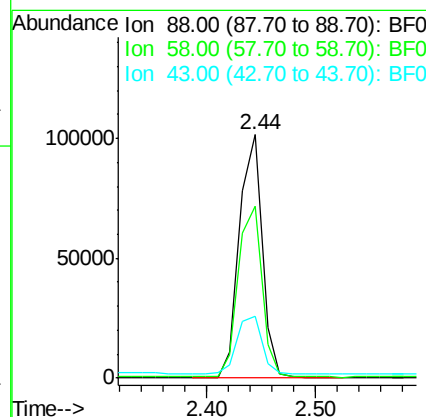
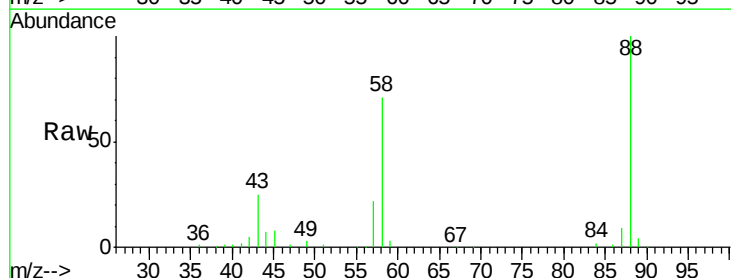
Tgt Ion: 88 Resp: 147162

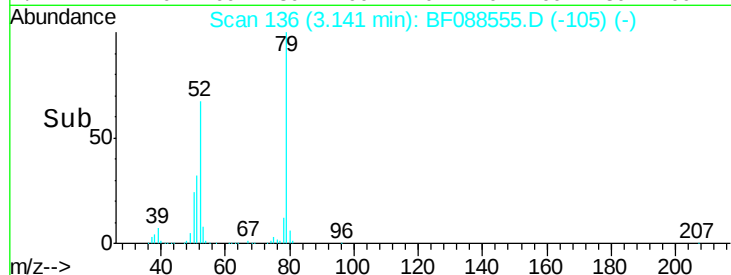
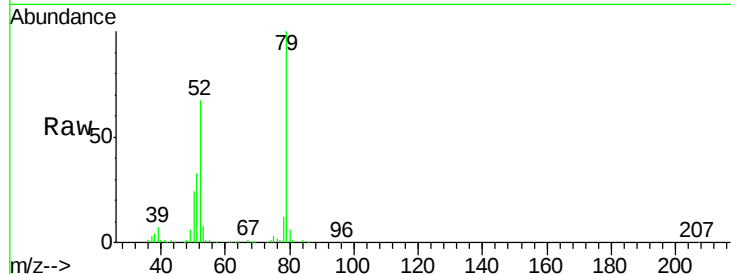
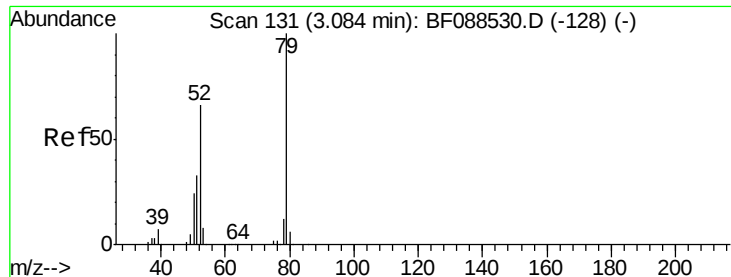
Ion Ratio Lower Upper

88 100

58 72.9 0.0 0.0#

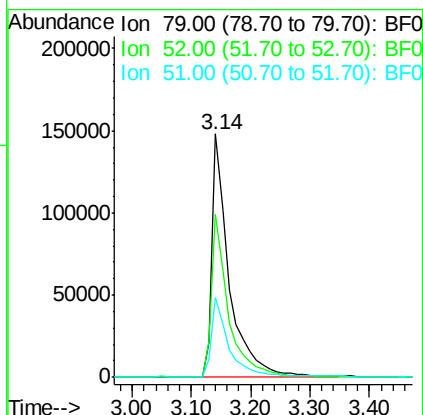
43 26.0 3.4 5.2#





#3
Pvridine
Concen: 25.99 ng
RT: 3.14 min Scan# 136
Delta R.T. 0.06 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.1	56.3	84.5
51	32.8	27.4	41.2

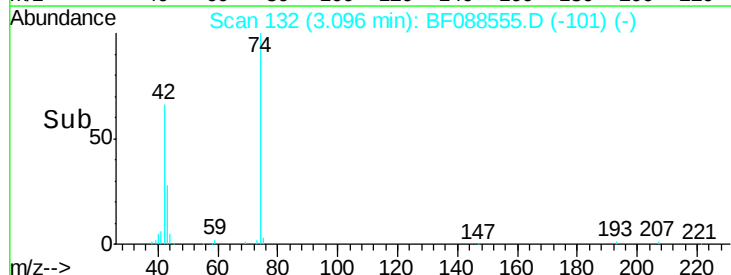
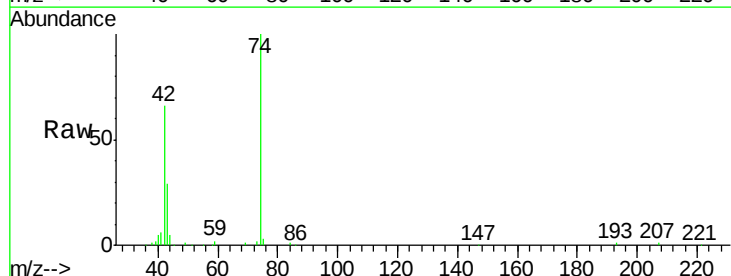
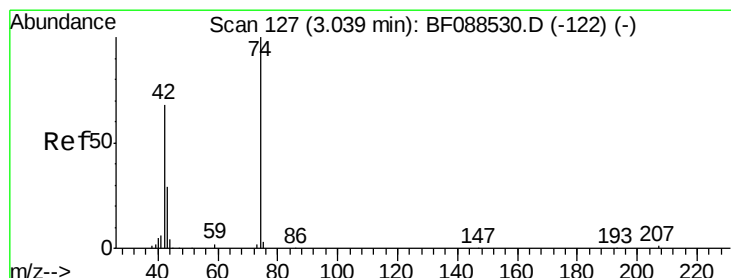


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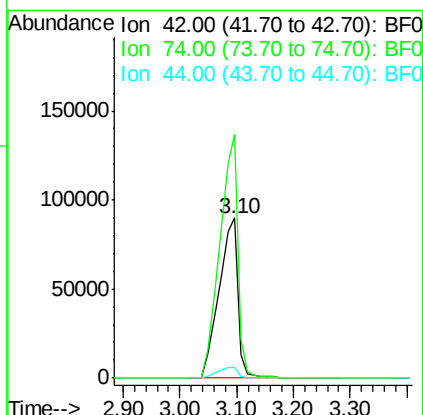
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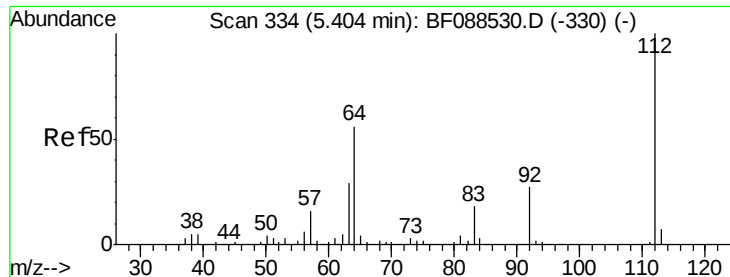
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#4
n-Nitrosodimethylamine
Concen: 47.50 ng
RT: 3.10 min Scan# 132
Delta R.T. 0.06 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.0	108.6	163.0
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 135.94 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.02 min

Lab File: BF088555.D

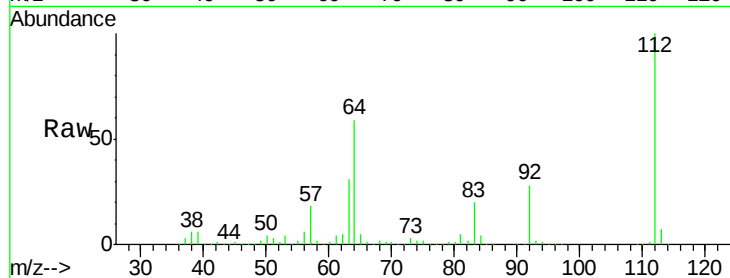
Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS



Tot Ion: 112 Resp: 1084191

Ion Ratio Lower Upper

112 100

64 58.8 42.2 63.2

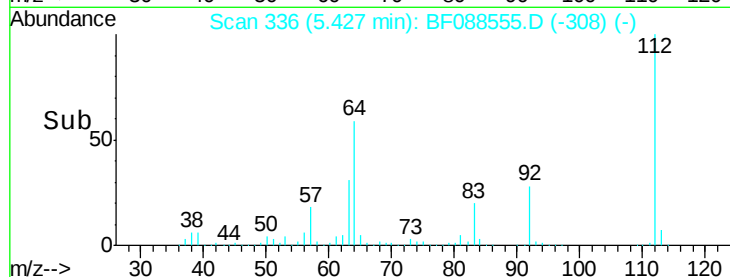
63 30.5 21.8 32.8

Manual Integrations

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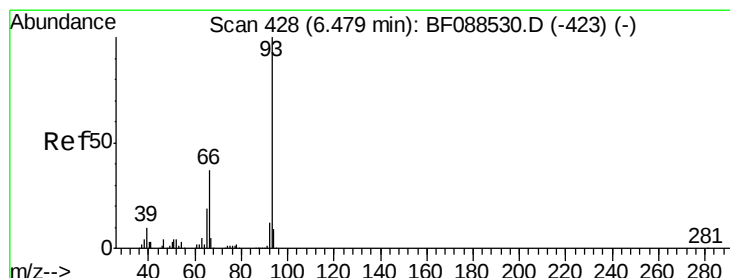
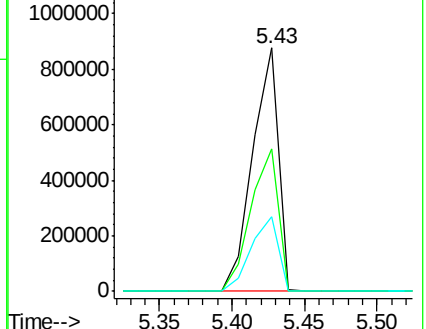
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.16 ng m

RT: 6.52 min Scan# 432

Delta R.T. 0.05 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

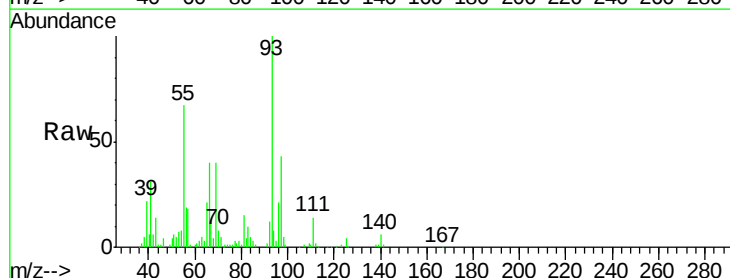
Tgt Ion: 93 Resp: 272729

Ion Ratio Lower Upper

93 100

66 40.1 29.8 44.8

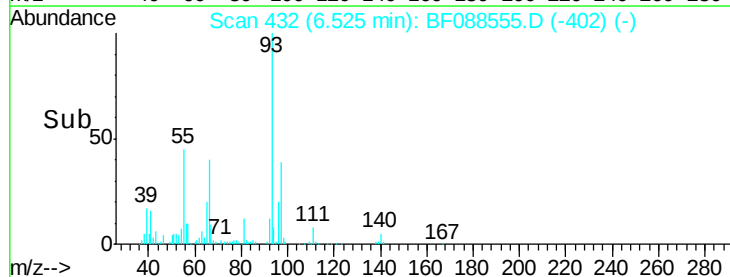
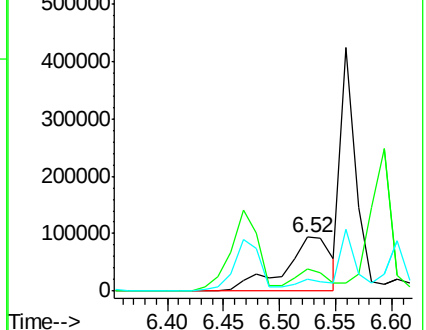
65 21.4 14.9 22.3

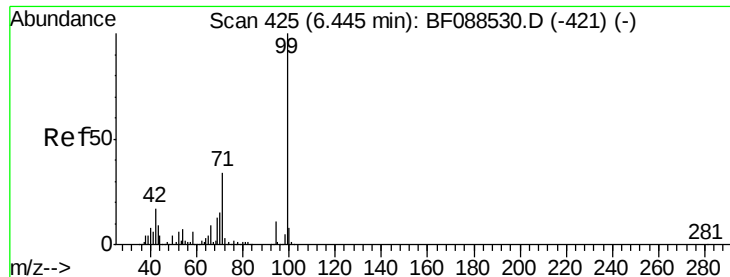


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.84 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

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Tot Ion: 99 Resp: 1389561

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

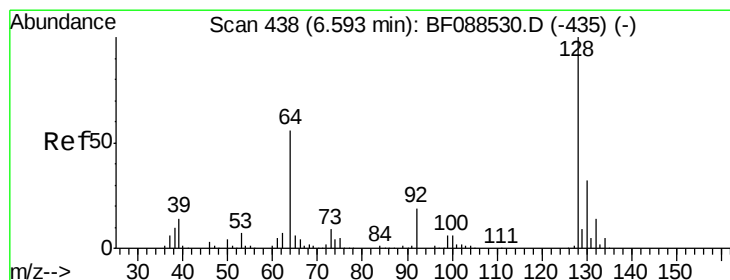
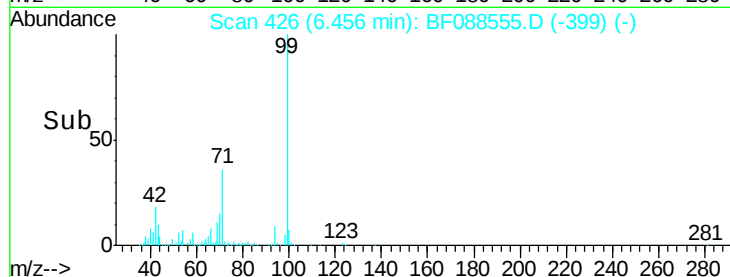
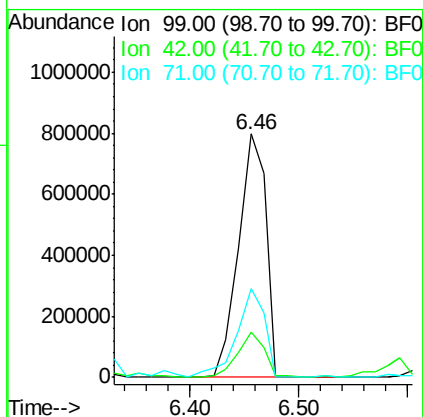
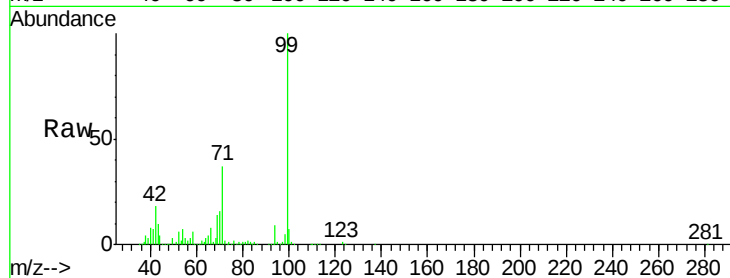
71 36.7 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.59 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

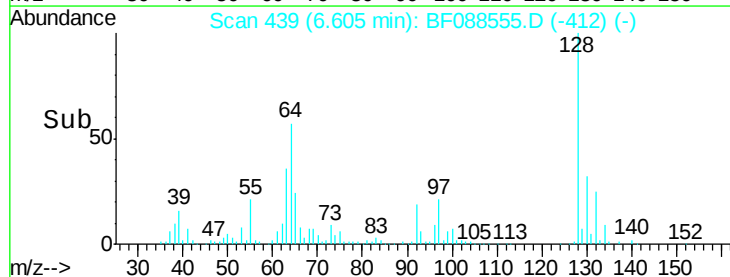
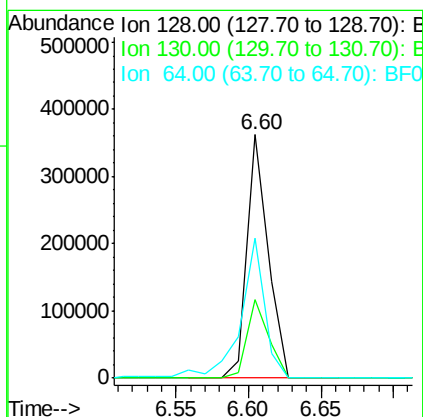
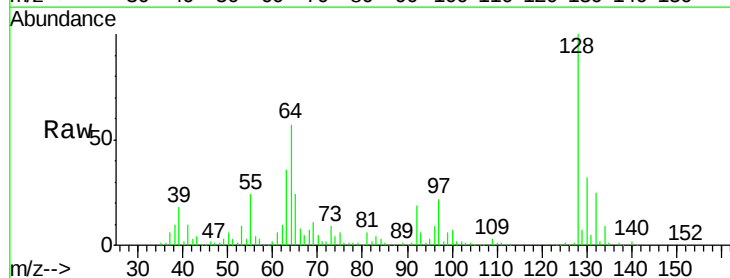
Tgt Ion: 128 Resp: 365031

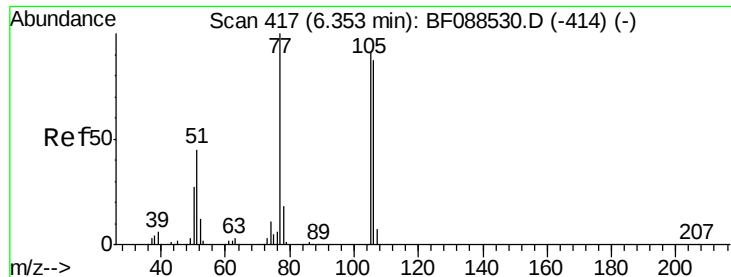
Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 57.5 30.8 70.8





#9

Benzaldehyde

Concen: 2.12 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088555.D

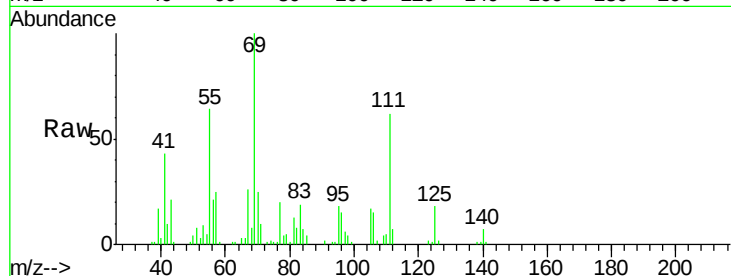
Acq: 1 Jul 2016 3:44

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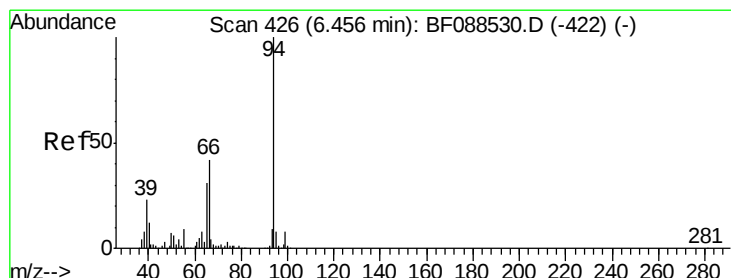
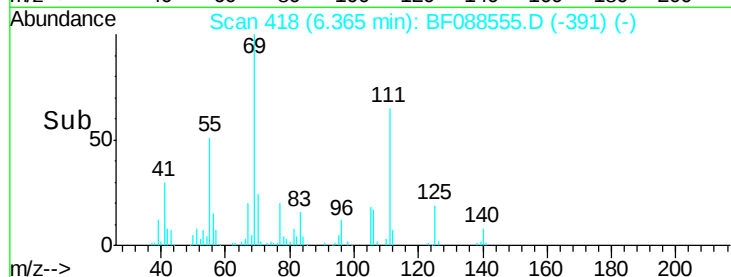
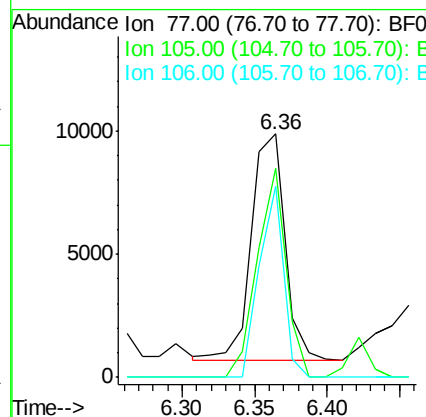
Tot Ion:	77	Resp:	14773
Ion	Ratio	Lower	Upper
77	100		
105	85.6	90.6	130.6#
106	78.4	85.3	125.3#

Manual Integrations

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#10

Phenol

Concen: 38.29 ng

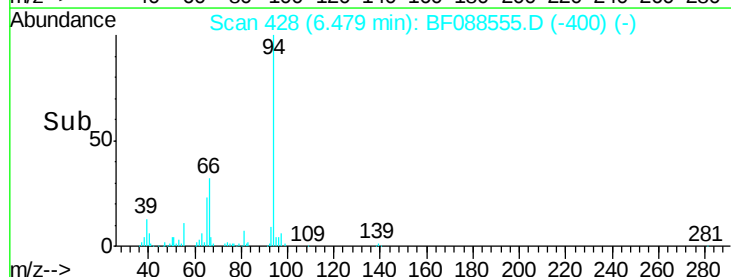
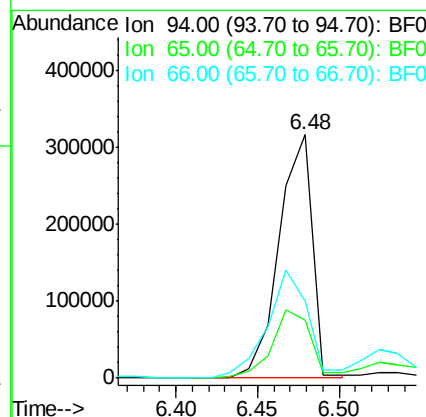
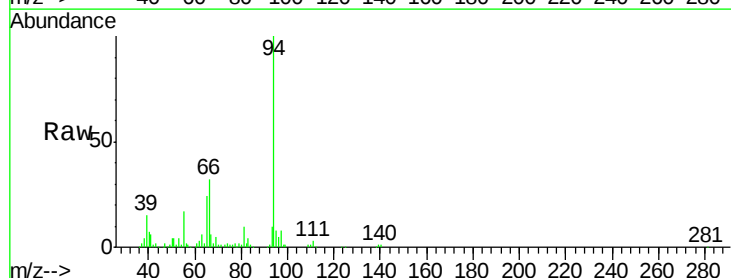
RT: 6.48 min Scan# 428

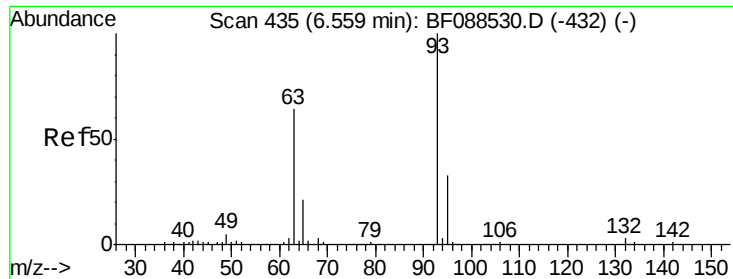
Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:	94	Resp:	450284
Ion	Ratio	Lower	Upper
94	100		
65	23.8	5.9	45.9
66	31.8	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 77.54 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion: 93 Resp: 680058

Ion Ratio Lower Upper

93 100

63 75.4 67.6 107.6

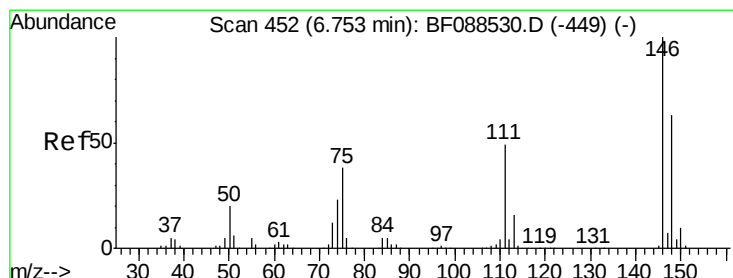
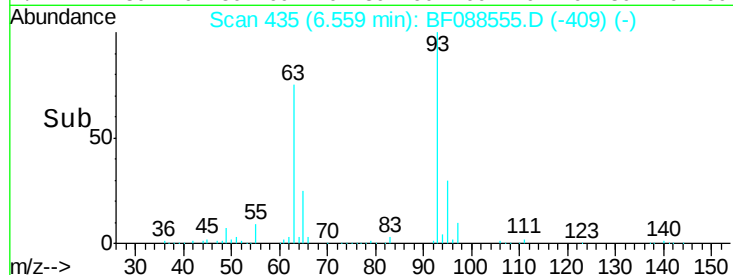
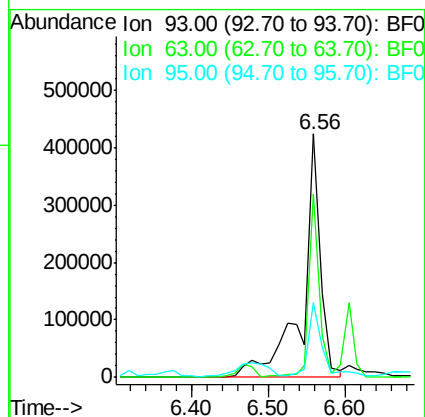
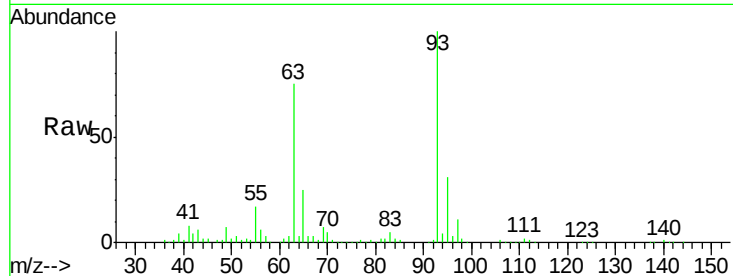
95 30.7 12.5 52.5

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 44.20 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

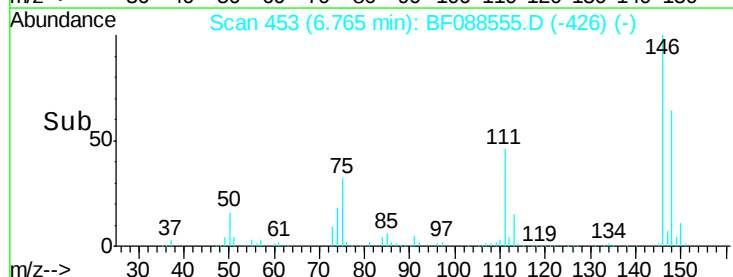
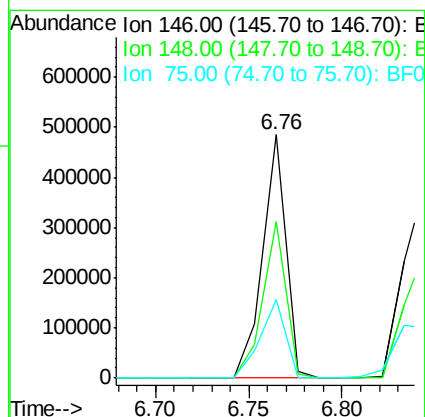
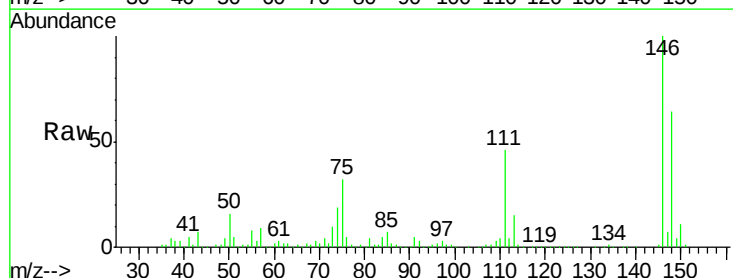
Tgt Ion: 146 Resp: 416930

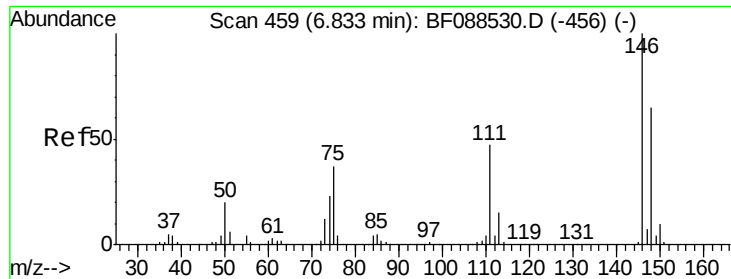
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

75 32.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 45.68 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:146 Resp: 427630

Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

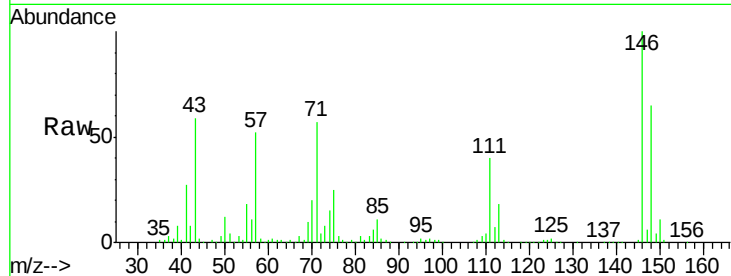
111 40.4 33.8 50.8

Manual Integrations

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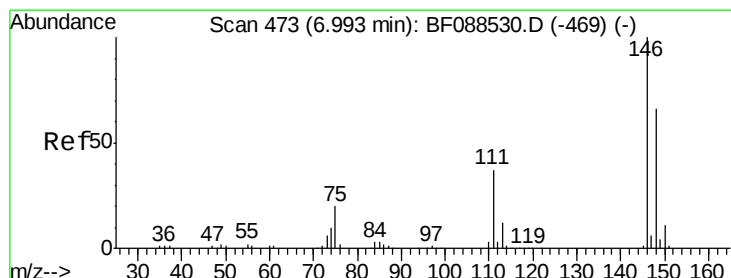
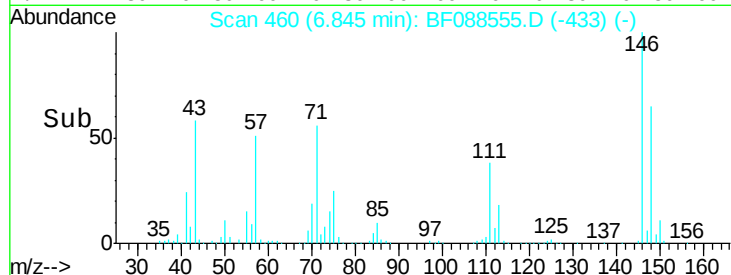
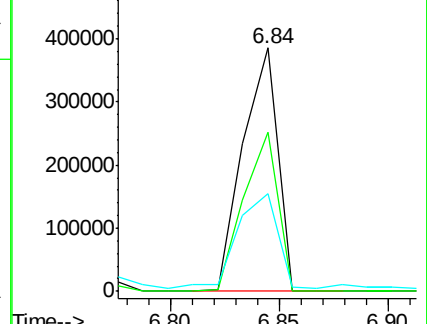
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.17 ng m

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

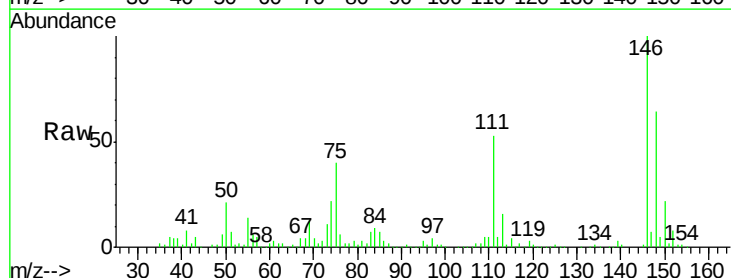
Tgt Ion:146 Resp: 352013

Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

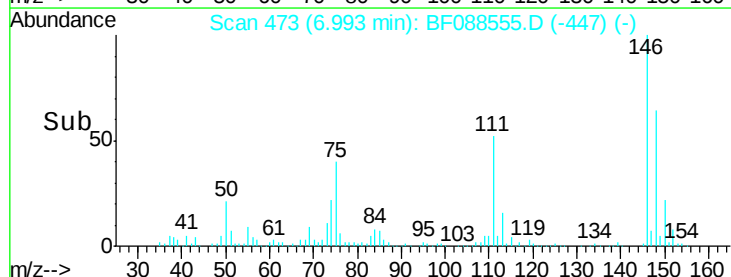
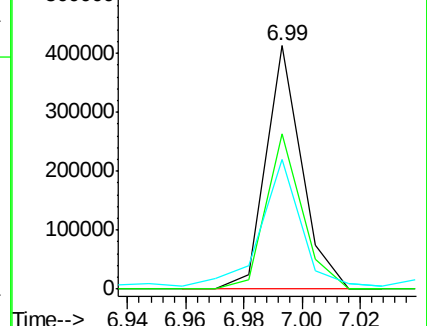
111 53.4 28.7 43.1#

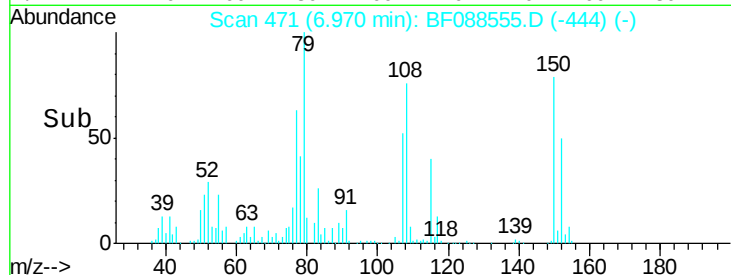
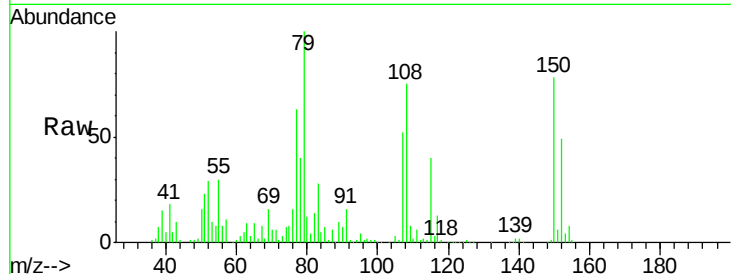
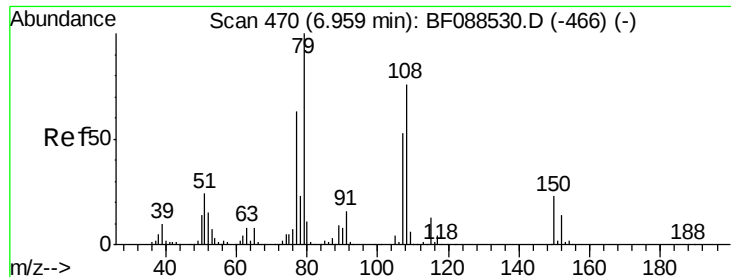


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15
Benzyl Alcohol
Concen: 52.43 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

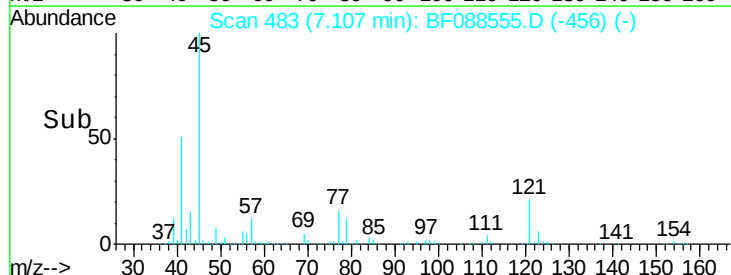
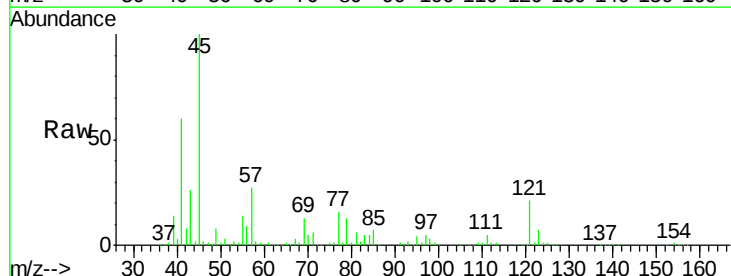
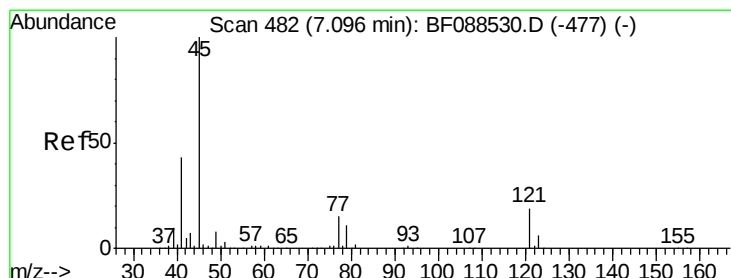
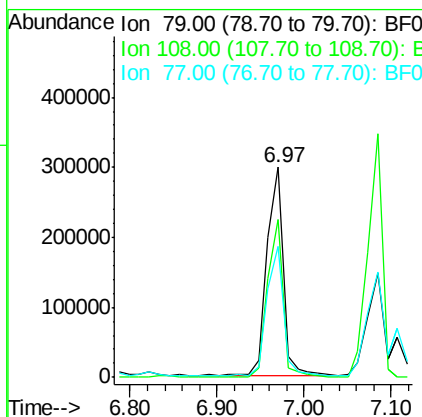
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.8	65.0	97.6
77	62.5	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Manual Integrations

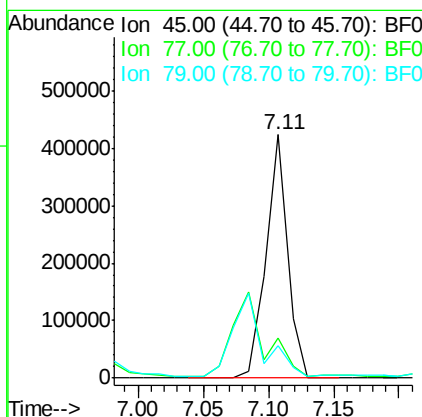
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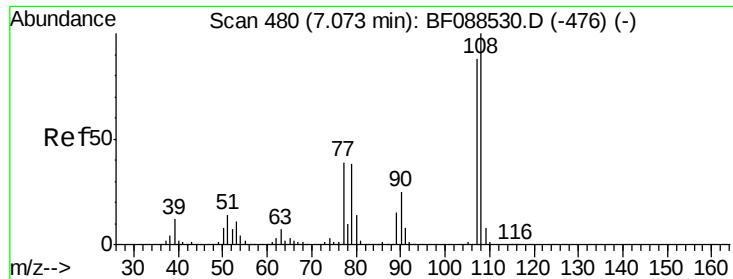
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.63 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	32.5
79	13.3	0.0	29.5





#17
2-Methylphenol
Concen: 49.89 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

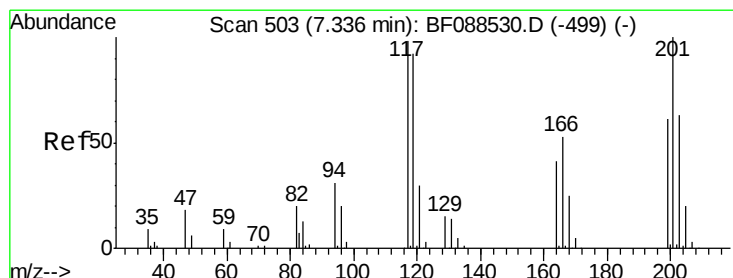
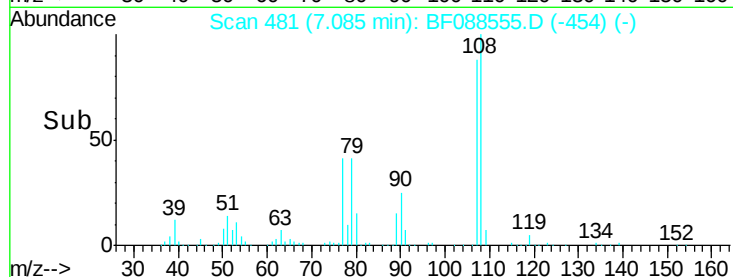
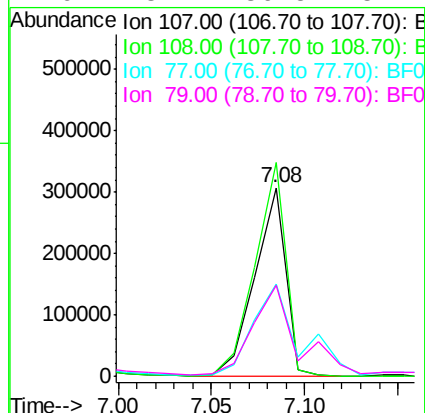
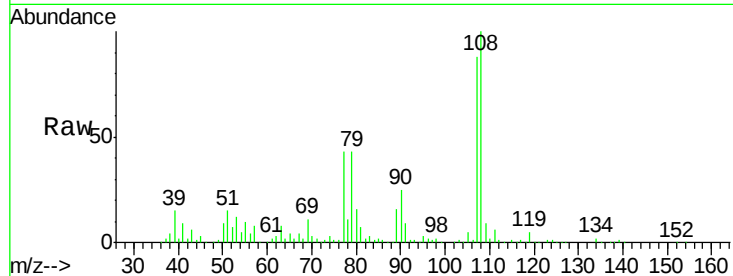
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:	107	Resp:	348852
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.9	136.3
77	48.7	36.6	55.0
79	48.2	36.5	54.7

Manual Integrations

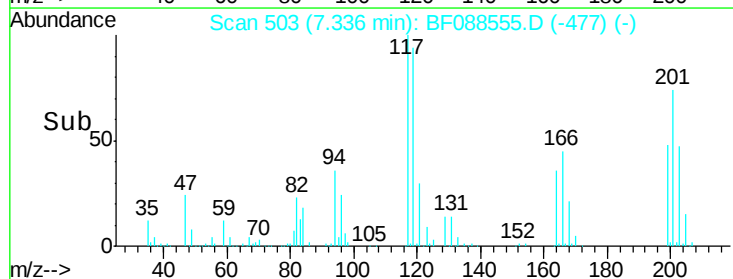
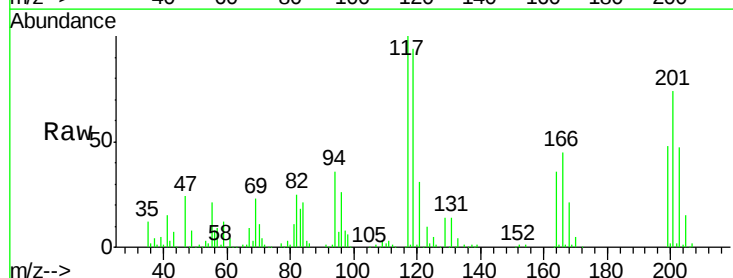
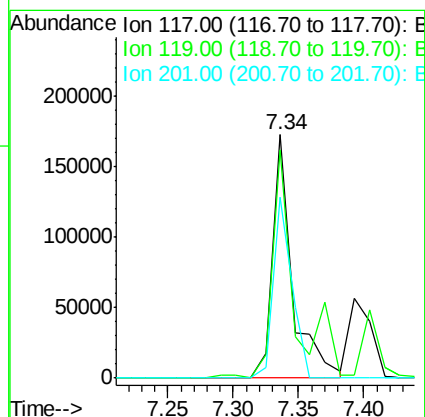
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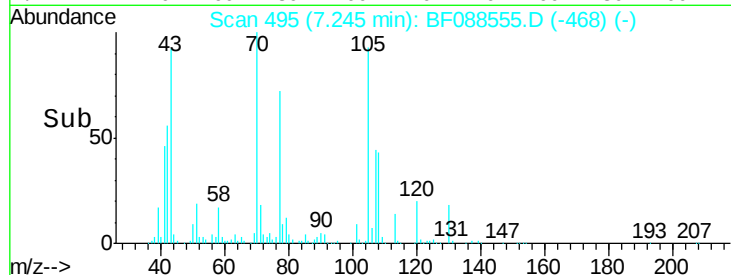
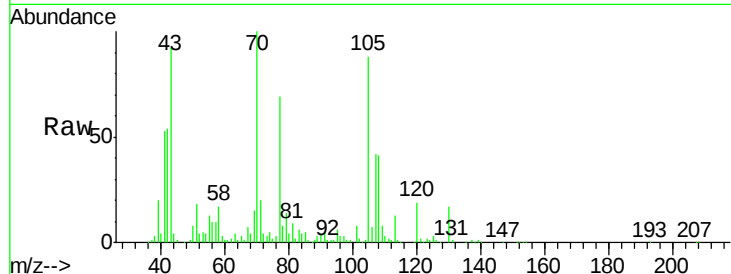
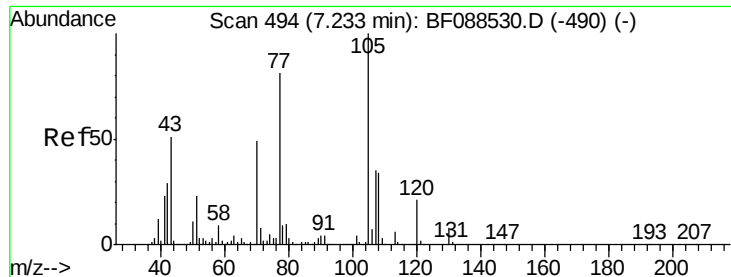
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#18
Hexachloroethane
Concen: 51.27 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:	117	Resp:	185668
Ion Ratio	Lower	Upper	
117	100		
119	93.8	77.4	116.2
201	74.3	80.4	120.6#

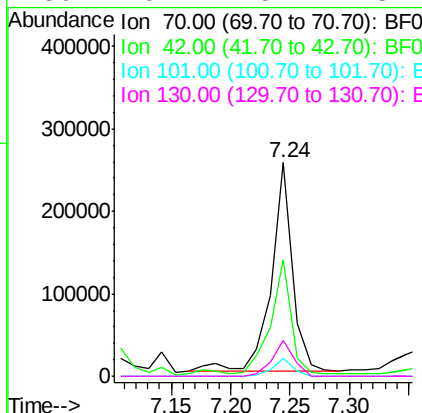




#19
n-Nitroso-di-n-propylamine
Concen: 45.11 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	49.6	74.4
101	8.4	7.1	10.7
130	16.7	15.4	23.2

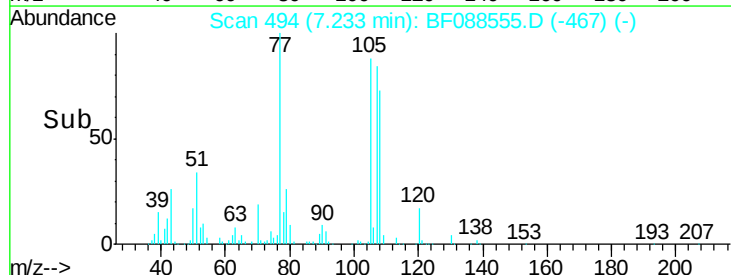
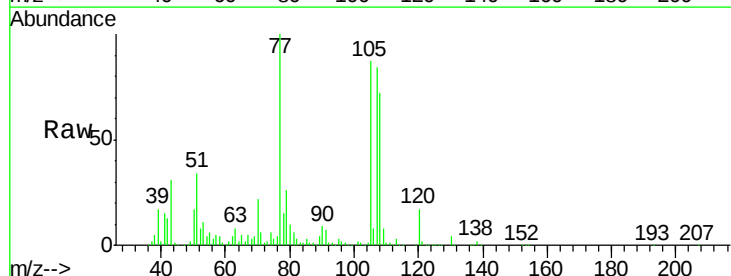
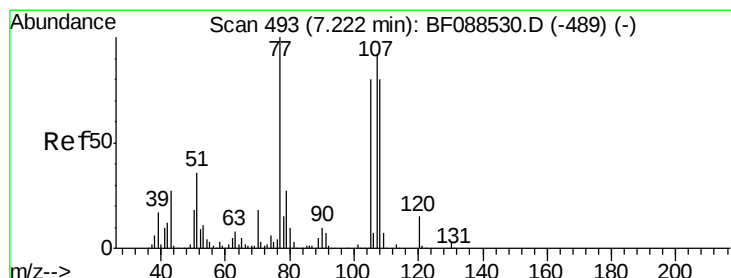


Manual Integrations

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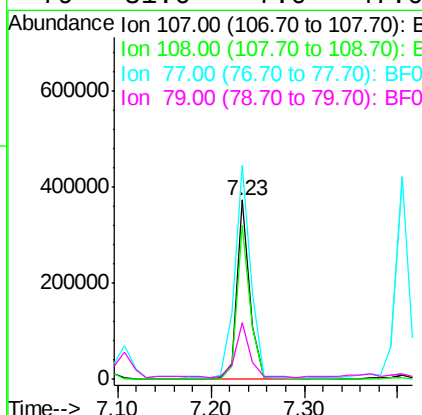
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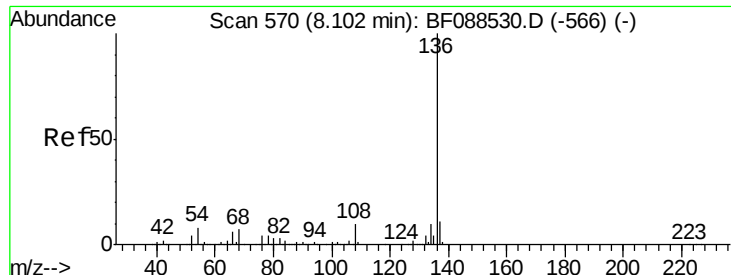
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#20
3+4-Methylphenols
Concen: 42.01 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	67.8	107.8
77	119.5	59.3	99.3#
79	31.6	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF088555.D

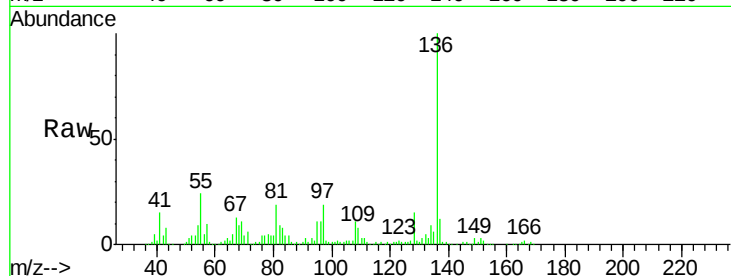
Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS



Tot Ion:136 Resp: 422568

Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 8.7 6.6 10.0

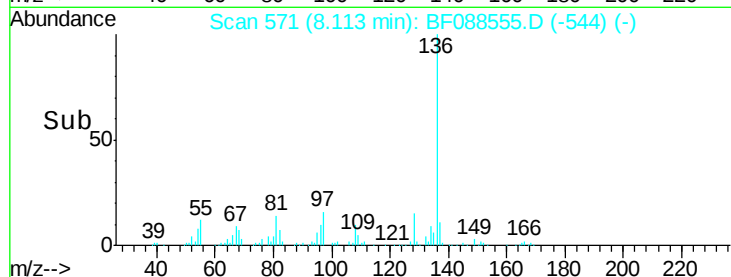
68 8.8 5.1 7.7#

Manual Integrations

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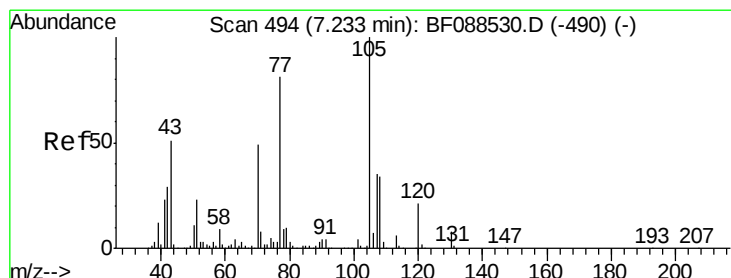
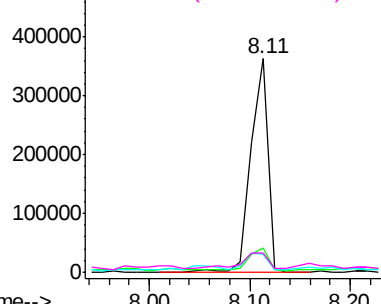


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.11 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:105 Resp: 524165

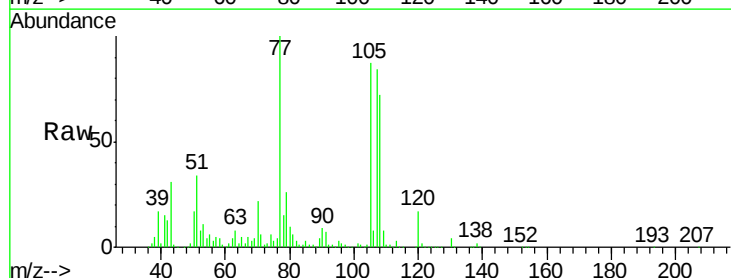
Ion Ratio Lower Upper

105 100

71 6.9 5.3 7.9

51 39.4 18.2 27.4#

120 19.6 18.0 27.0

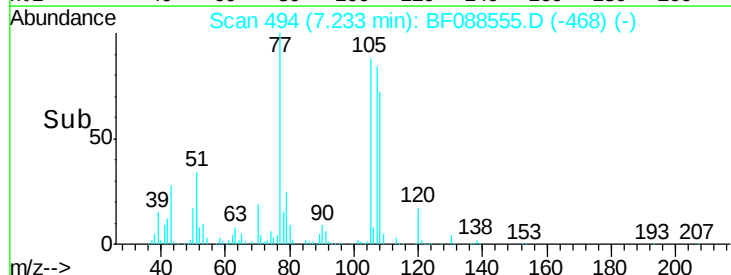
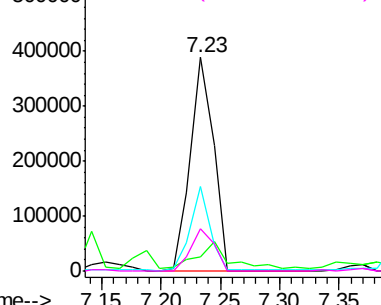


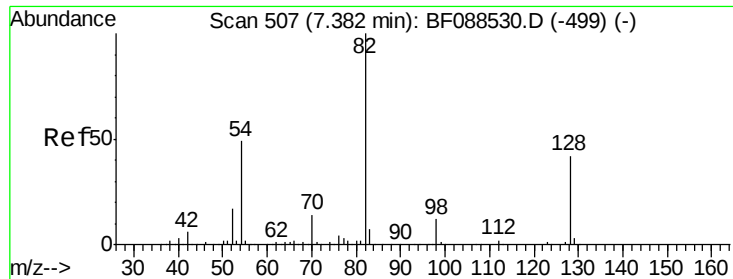
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23
Nitrobenzene-d5
Concen: 116.24 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

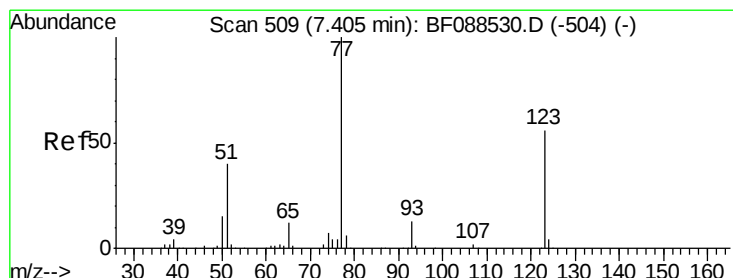
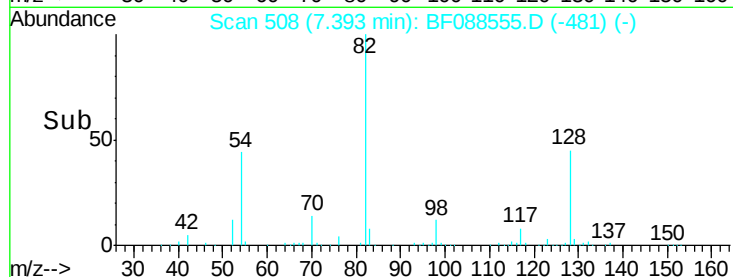
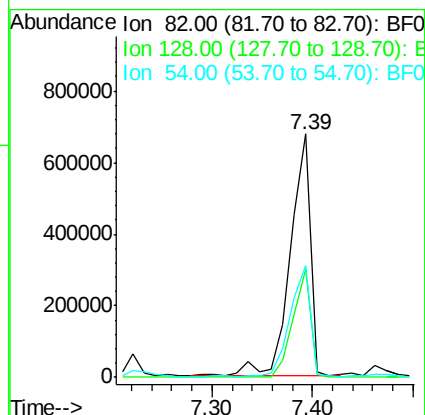
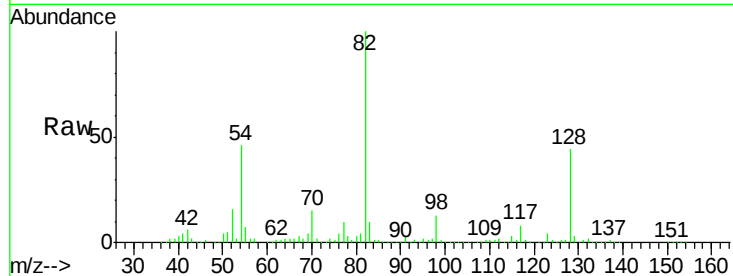
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	82	Resp	937311
Ion Ratio	100	Lower	Upper
82	100		
128	44.5	35.9	53.9
54	45.7	40.9	61.3

Manual Integrations

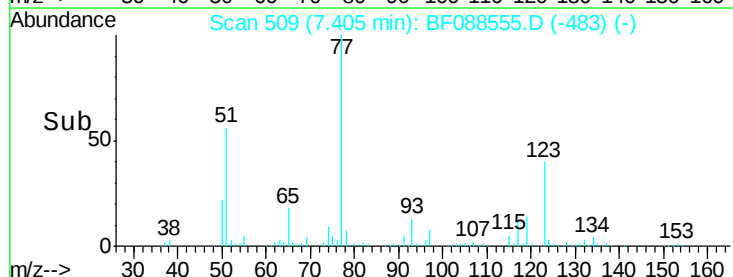
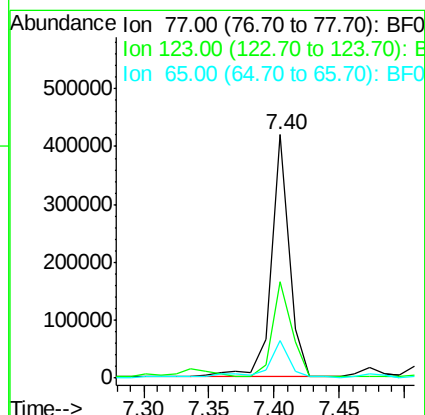
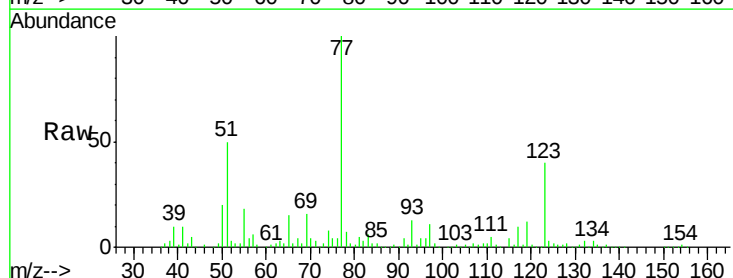
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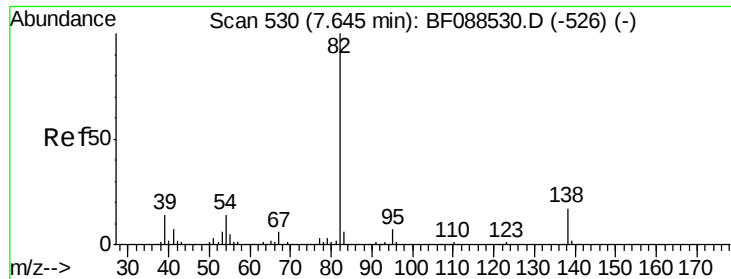
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#24
Nitrobenzene
Concen: 49.82 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	77	Resp	405057
Ion Ratio	100	Lower	Upper
77	100		
123	39.8	45.0	67.4#
65	15.4	10.2	15.2#





#25

Isophorone

Concen: 54.20 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion: 82 Resp: 809553

Ion Ratio Lower Upper

82 100

95 11.5 5.4 8.2#

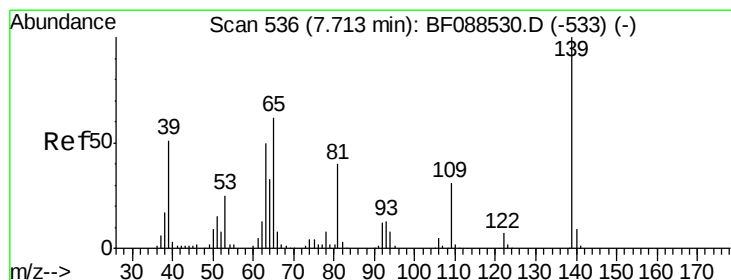
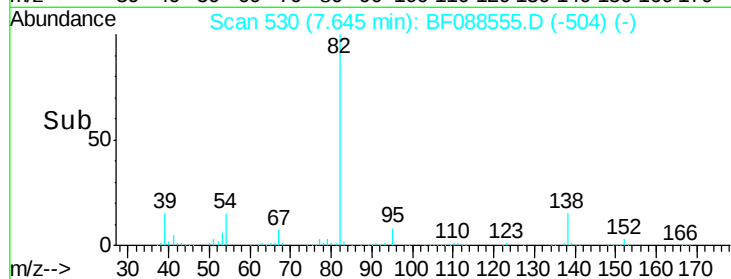
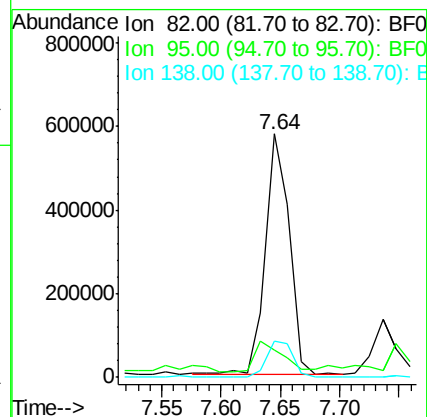
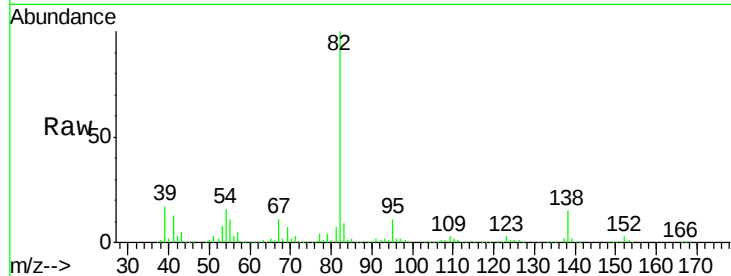
138 14.8 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 57.34 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

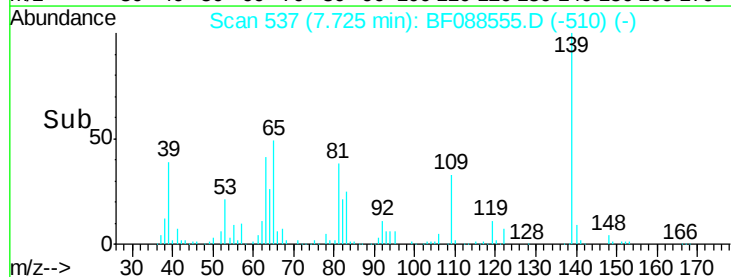
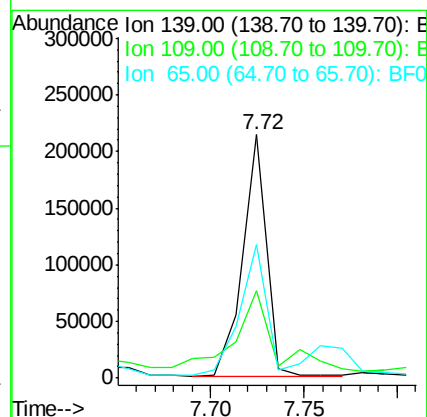
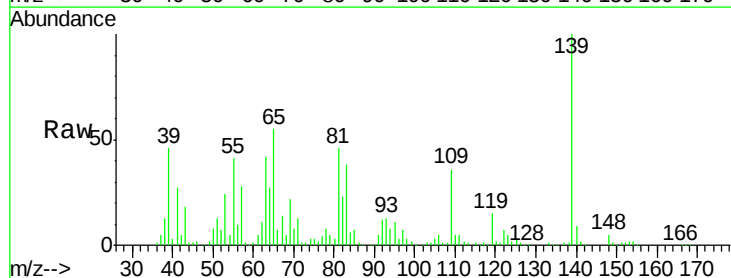
Tgt Ion: 139 Resp: 191181

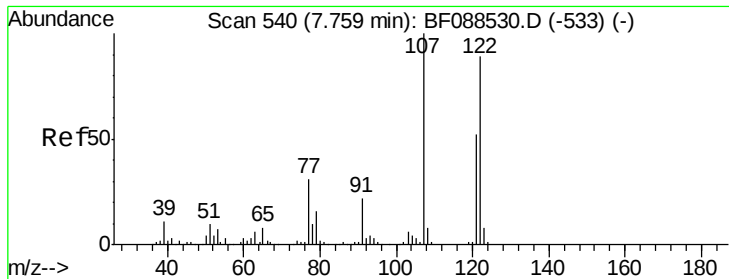
Ion Ratio Lower Upper

139 100

109 35.7 23.0 34.4#

65 54.7 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 49.31 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088555.D

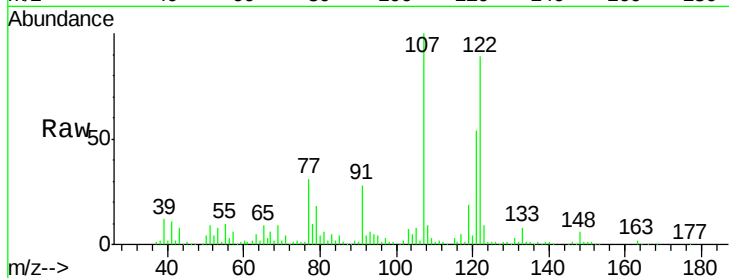
Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS



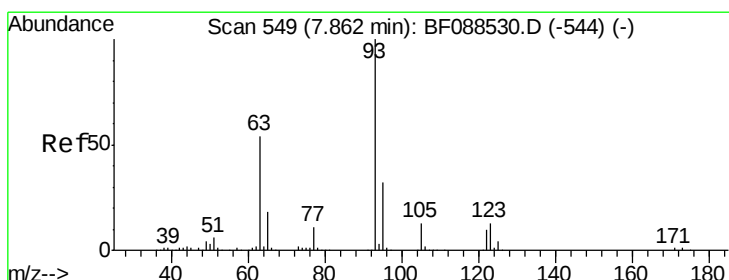
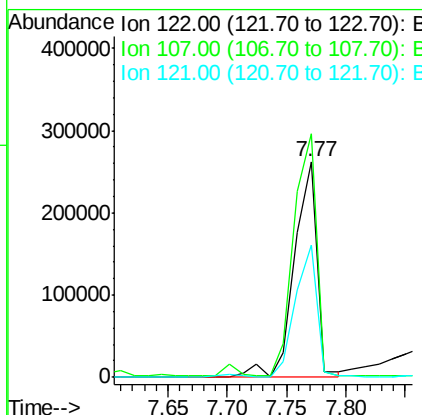
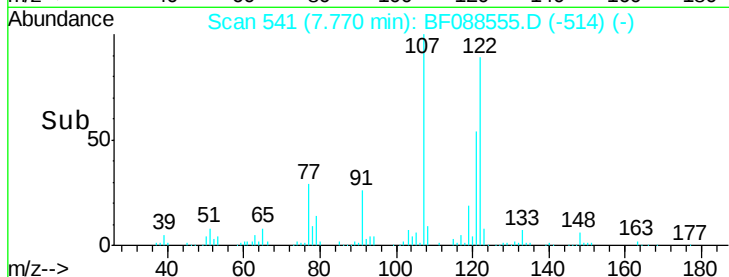
Tot Ion:	122	Resp:	342401
Ion Ratio	Lower	Upper	
122	100		
107	112.7	82.4	123.6
121	61.1	46.3	69.5

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 50.40 ng

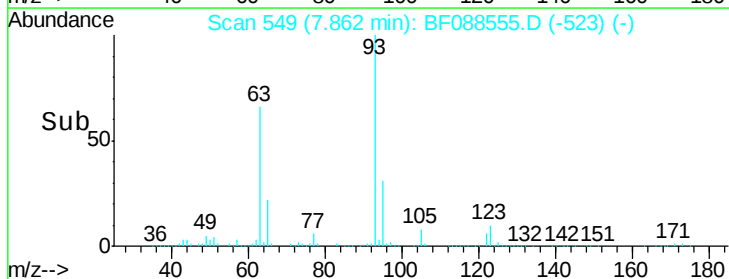
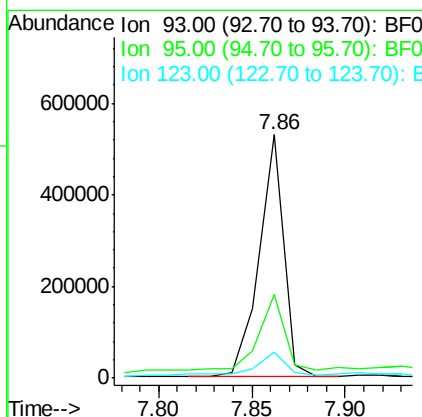
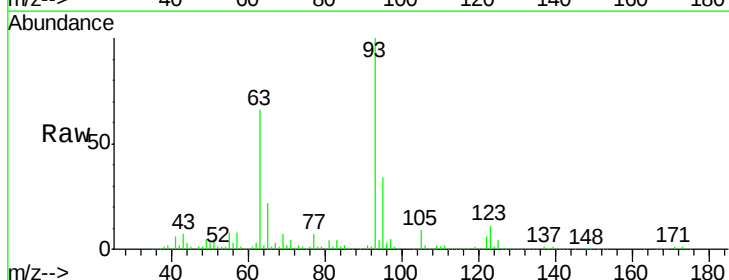
RT: 7.86 min Scan# 549

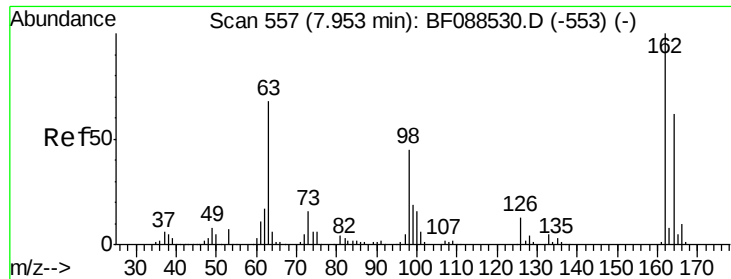
Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:	93	Resp:	489858
Ion Ratio	Lower	Upper	
93	100		
95	34.3	26.5	39.7
123	10.8	11.6	17.4#





#29
2,4-Dichlorophenol
Concen: 51.37 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

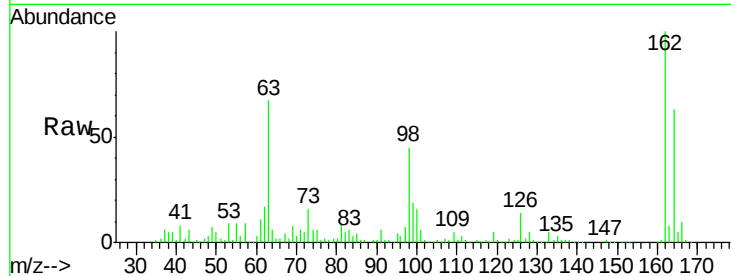
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:	162	Resp:	288274
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.8	83.8
98	45.4	21.3	61.3

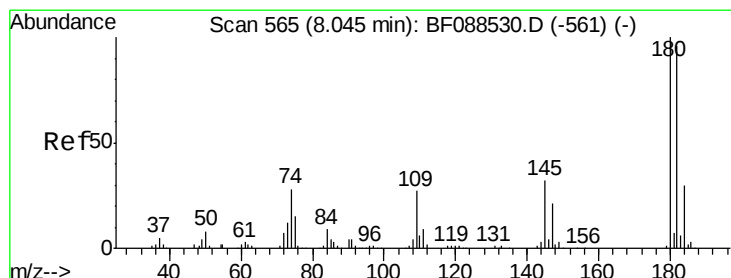
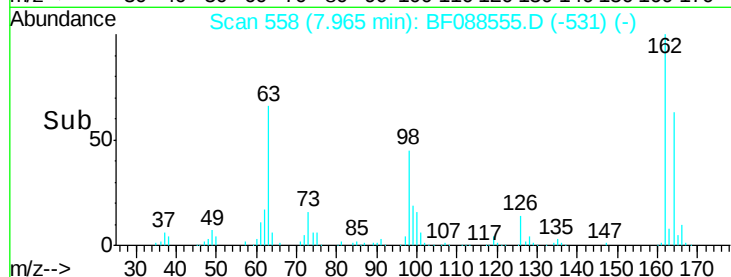
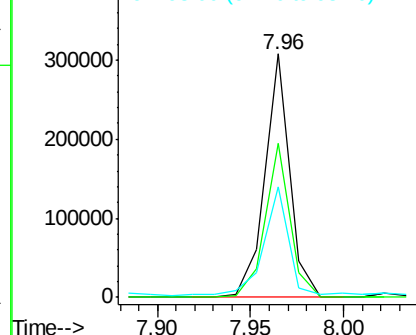
Manual Integrations

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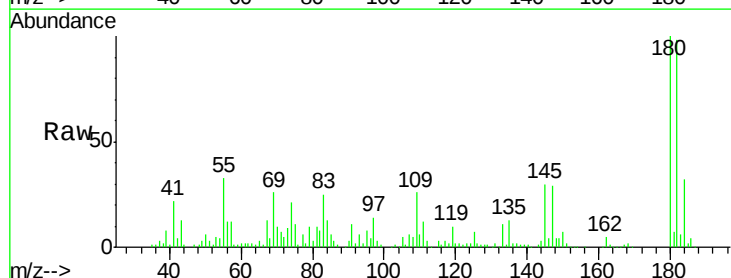


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

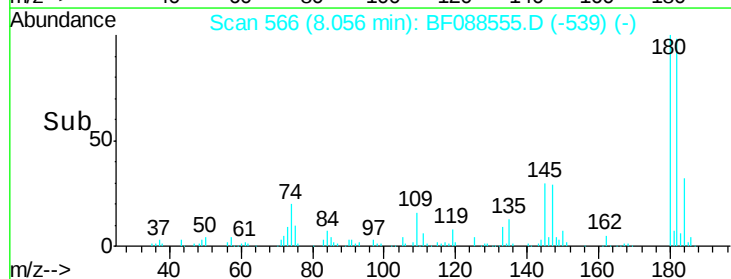
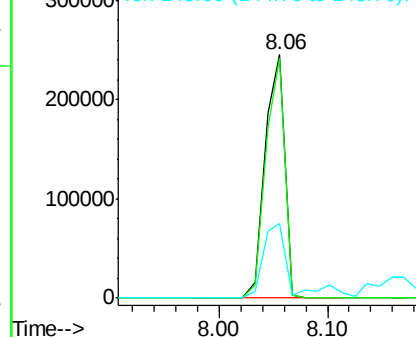


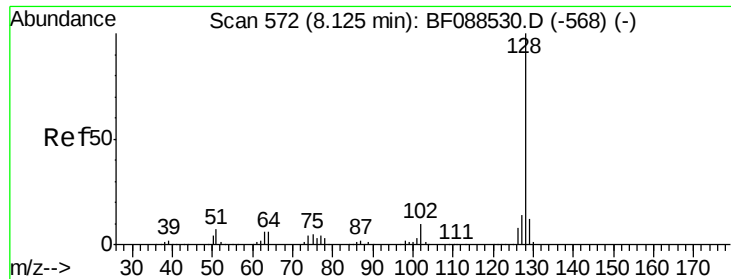
#30
1,2,4-Trichlorobenzene
Concen: 50.29 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:	180	Resp:	309709
Ion Ratio	Lower	Upper	
180	100		
182	98.4	76.0	114.0
145	30.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31
Naphthalene
Concen: 52.98 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

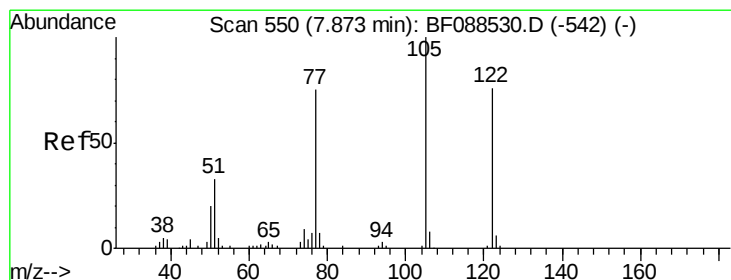
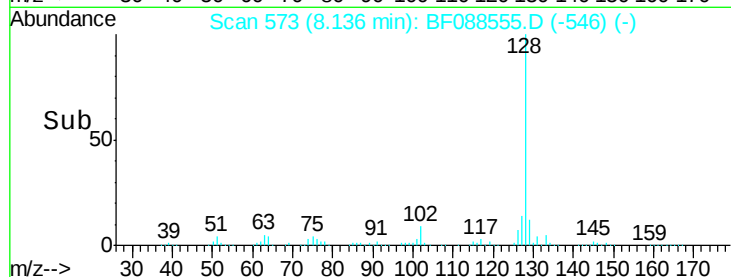
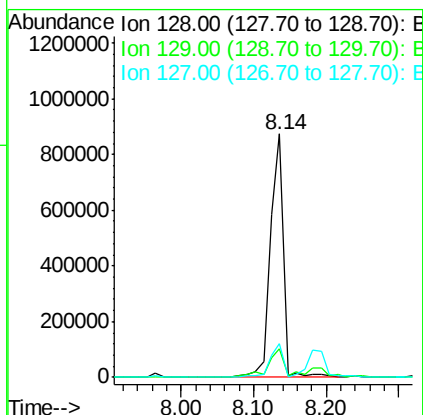
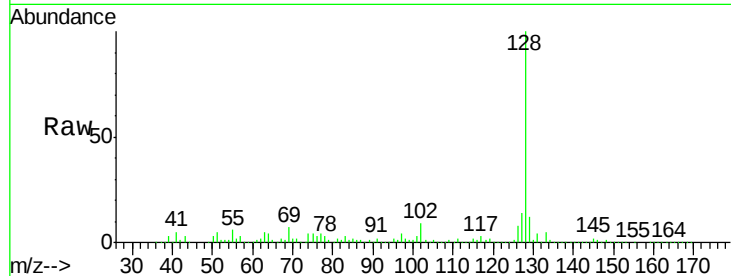
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:128 Resp: 1103663
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.9 10.9 16.3

Manual Integrations

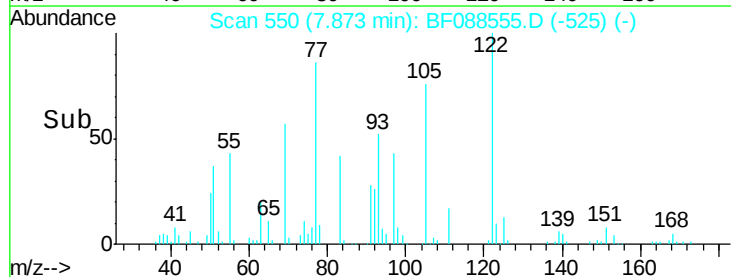
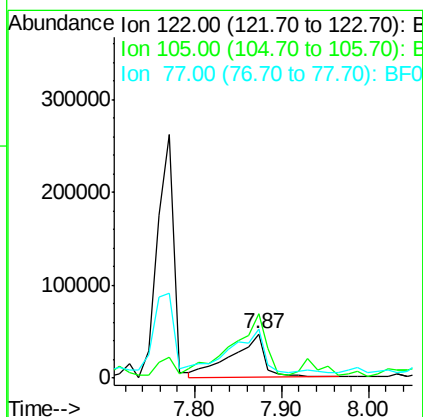
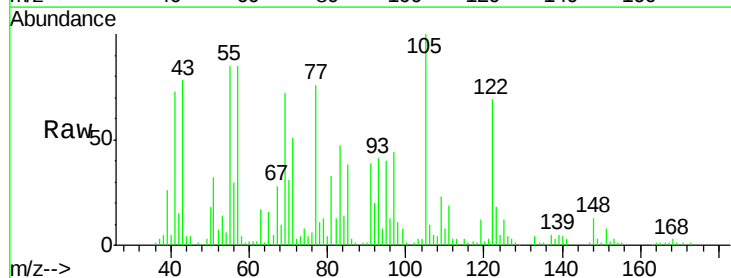
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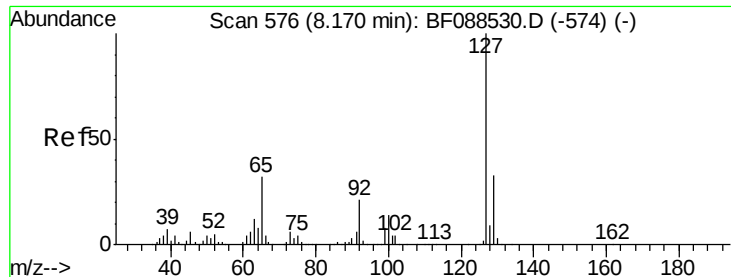
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#32
Benzoic acid
Concen: 24.61 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:122 Resp: 124089
Ion Ratio Lower Upper
122 100
105 145.2 101.6 141.6#
77 110.3 70.6 110.6





#33
4-Chloroaniline
Concen: 17.32 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

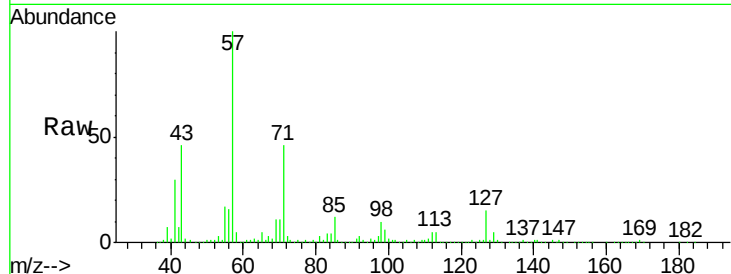
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		160492		
129	32.7	26.3	39.5		
65	35.4	24.7	37.1		
92	22.3	15.4	23.0		

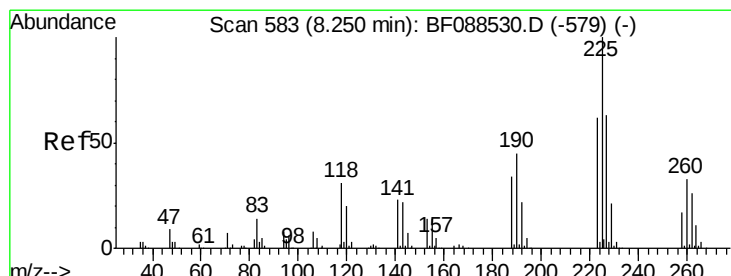
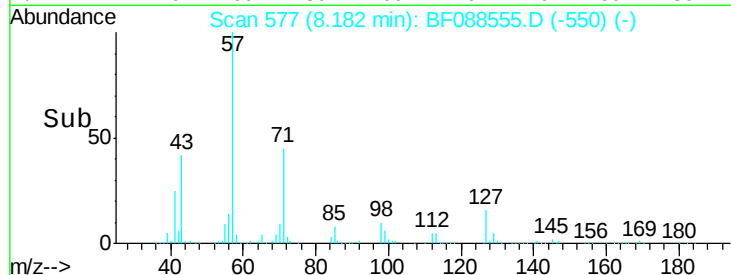
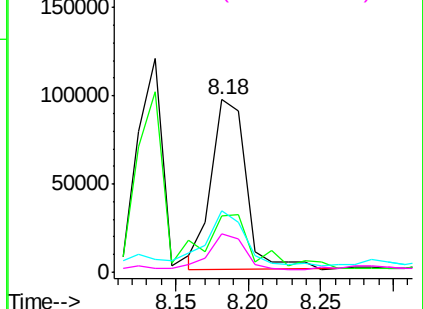
Manual Integrations

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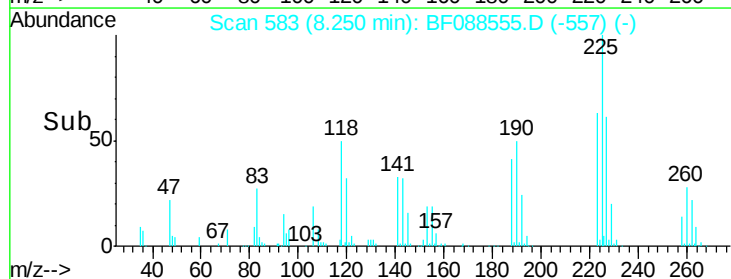
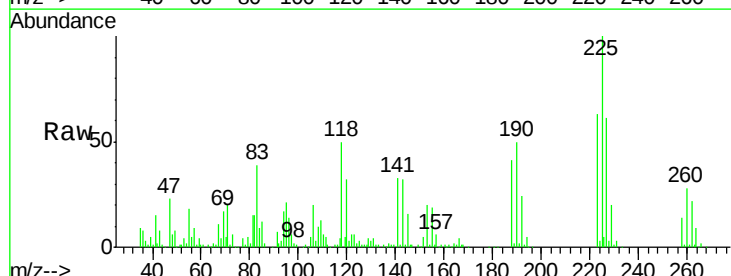
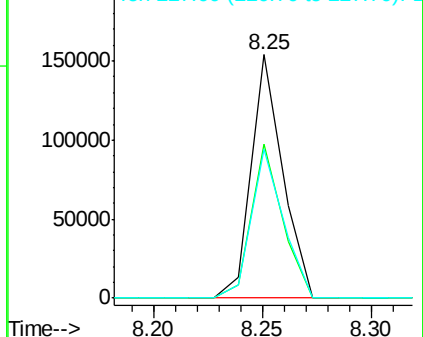
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

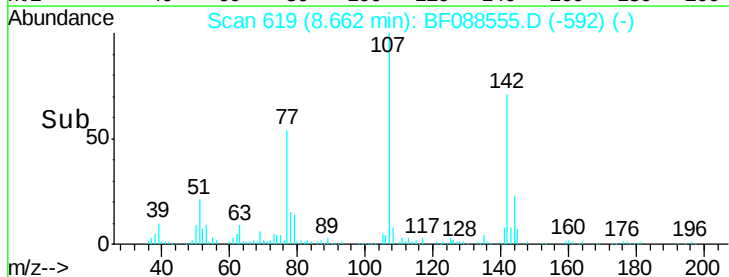
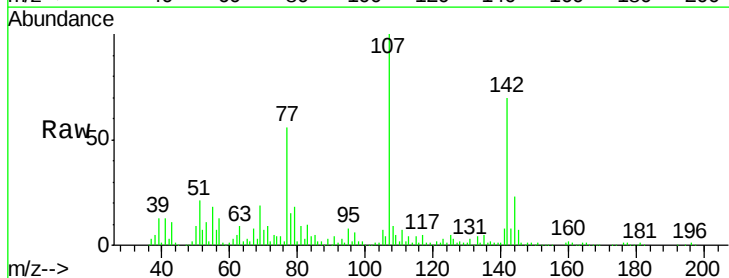
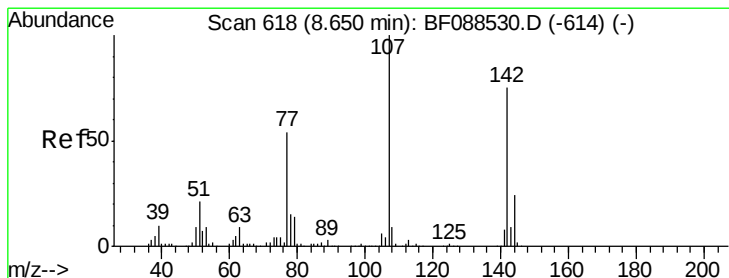
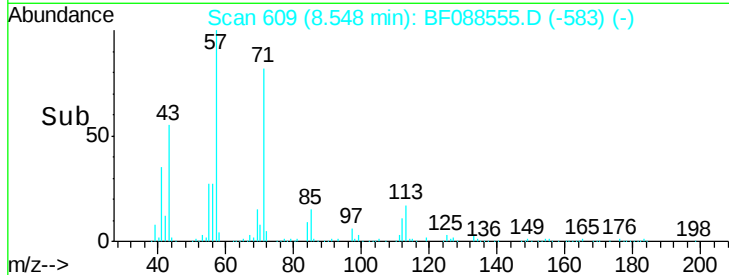
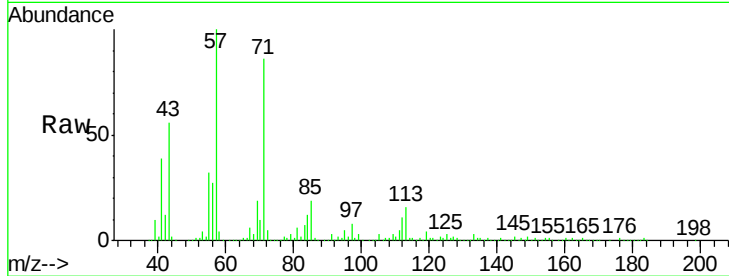
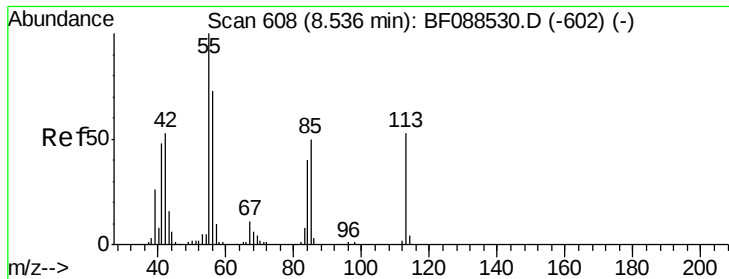


#34
Hexachlorobutadiene
Concen: 46.91 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		154701		
223	63.3	50.9	76.3		
227	60.9	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: 82.60 ng/mL

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tot Ion: 113 Resp: 157432

Ion Ratio Lower Upper

113 100

55 194.1 158.6 198.6

56 168.8 110.6 150.6

Instrument :

BNA_F

ClientSampleId :

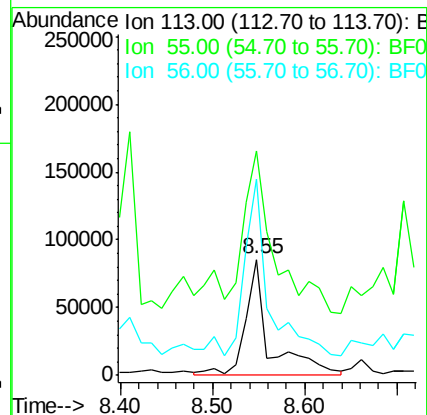
B1409-TP03E-1224MS

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#36

4-Chloro-3-methylphenol

Concen: 48.81 ng/mL

RT: 8.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

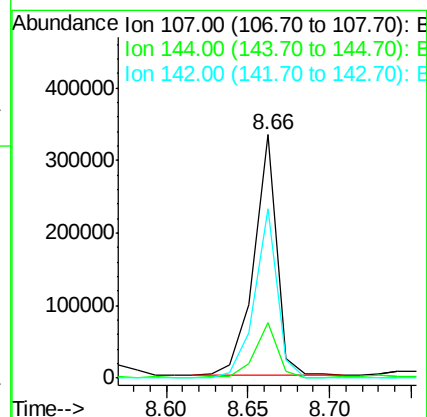
Tgt Ion: 107 Resp: 323901

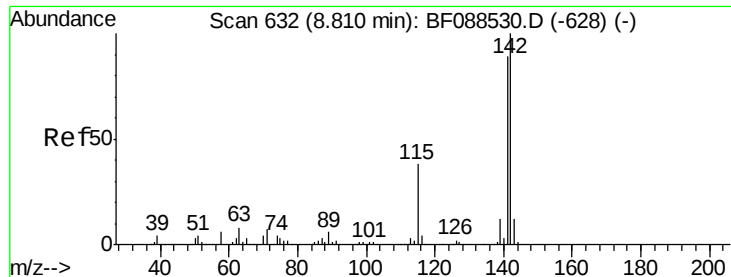
Ion Ratio Lower Upper

107 100

144 22.8 20.8 31.2

142 69.7 63.4 95.2





#37
2-Methylnaphthalene
Concen: 44.27 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

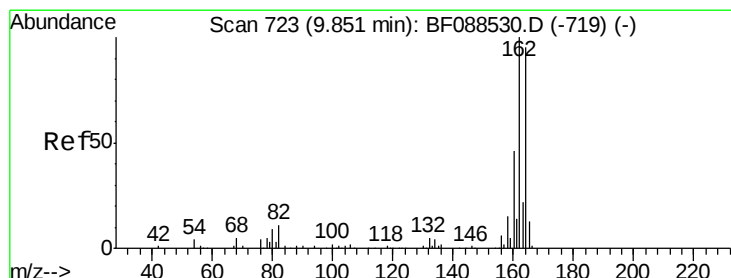
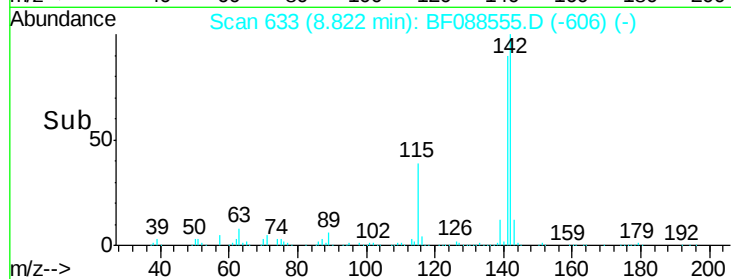
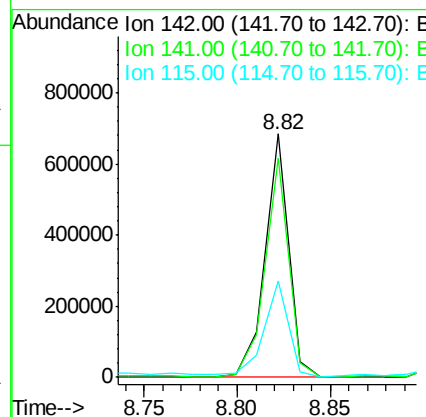
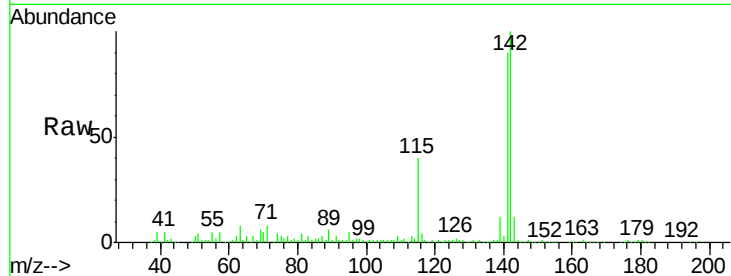
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	39.7	22.6	33.8

Manual Integrations

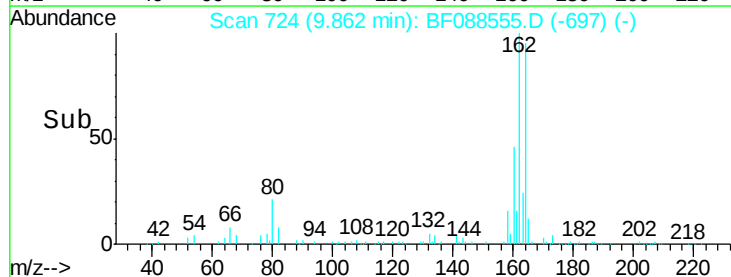
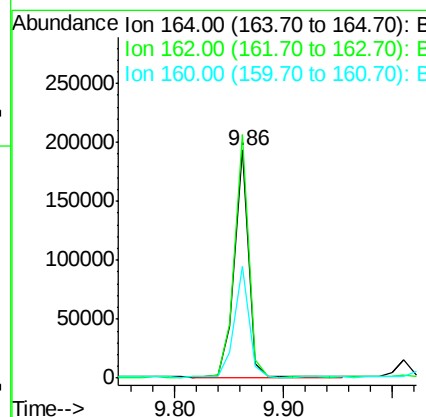
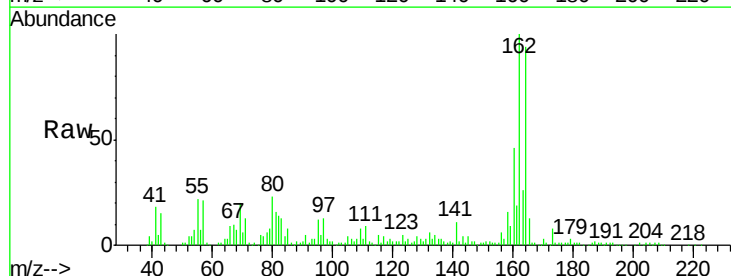
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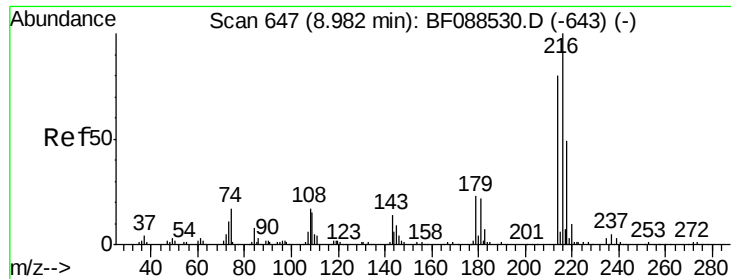
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.4	128.2
160	48.8	39.5	59.3





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.89 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

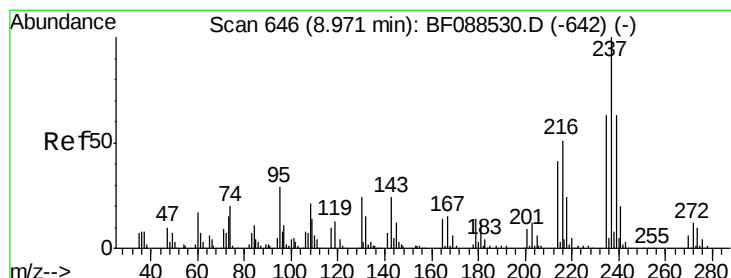
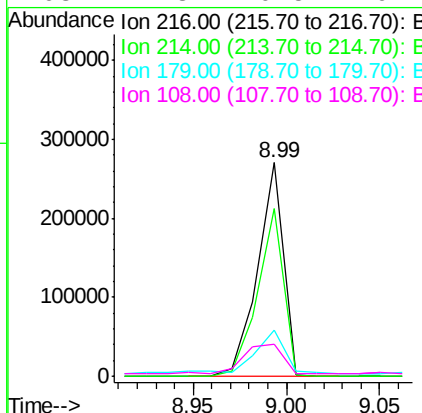
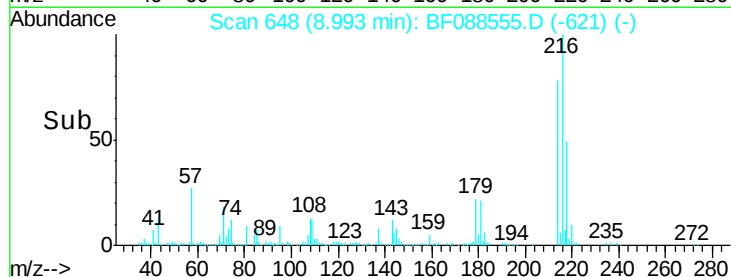
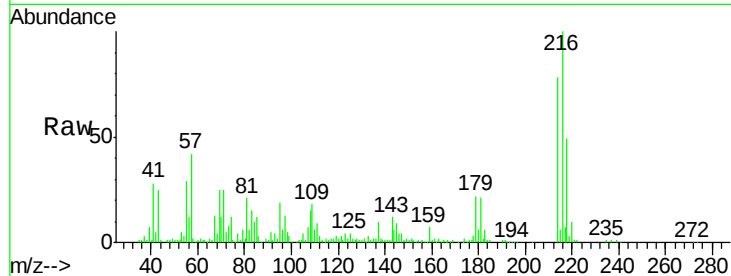
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	2.9	4.3#
179	28.6	0.0	0.0#
108	22.3	0.5	0.7#

Manual Integrations

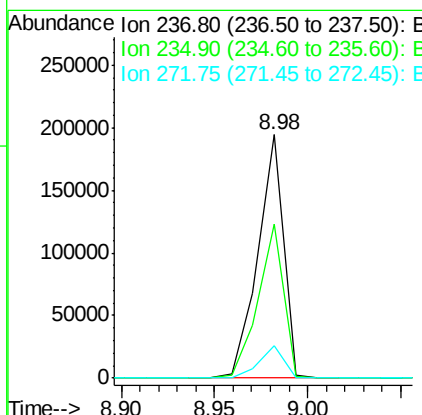
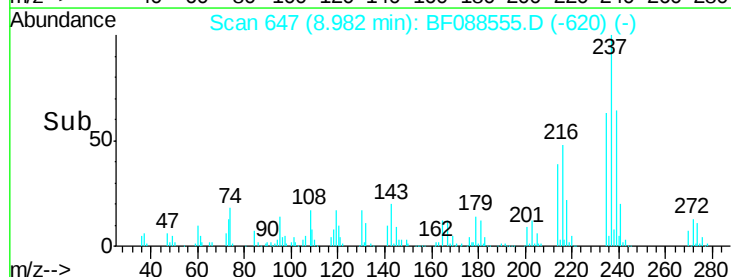
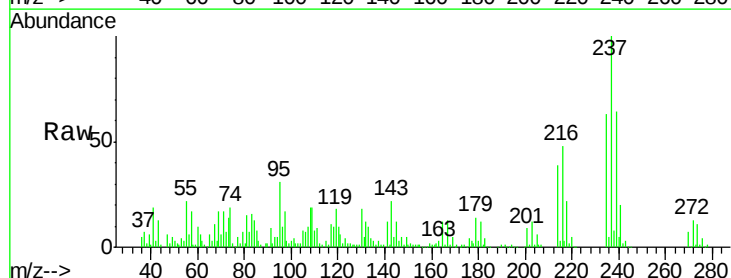
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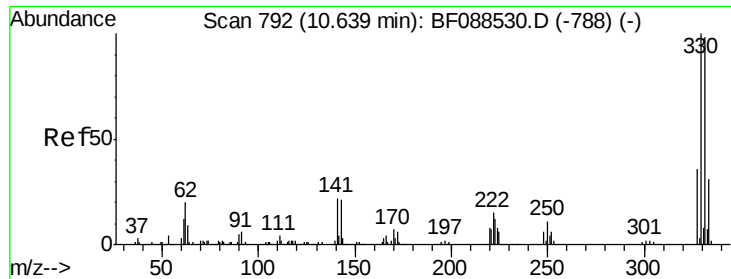
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#40
 Hexachlorocyclopentadiene
 Concen: 65.33 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.4	83.4
272	13.3	0.0	32.3





#41
 2,4,6-Tribromophenol
 Concen: 134.25 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

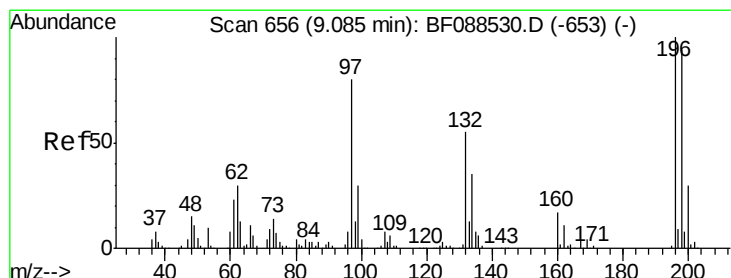
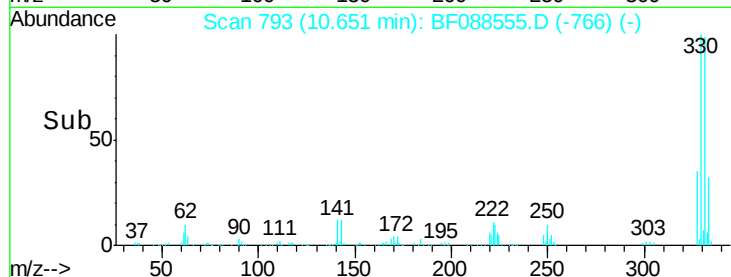
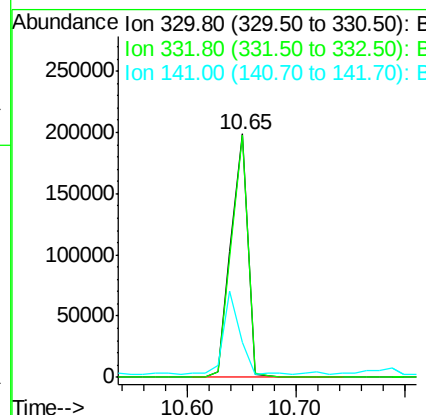
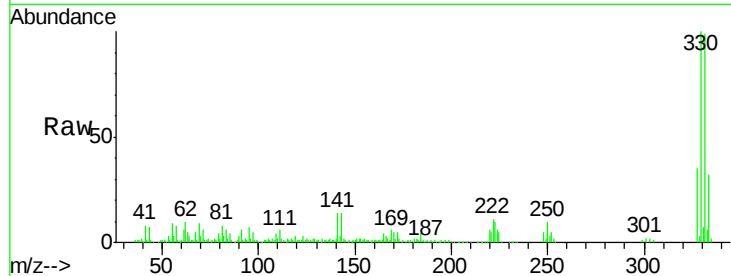
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214793		
332	97.6	0.0	0.0	0.0
141	33.5	0.0	0.0	0.0

Manual Integrations

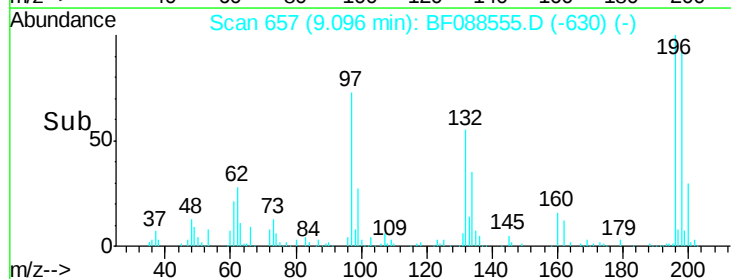
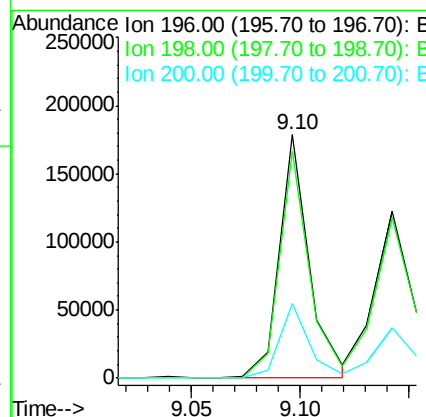
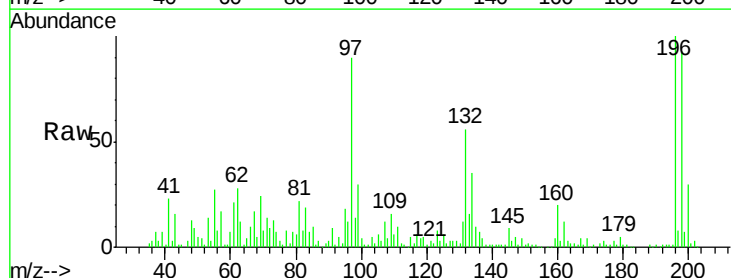
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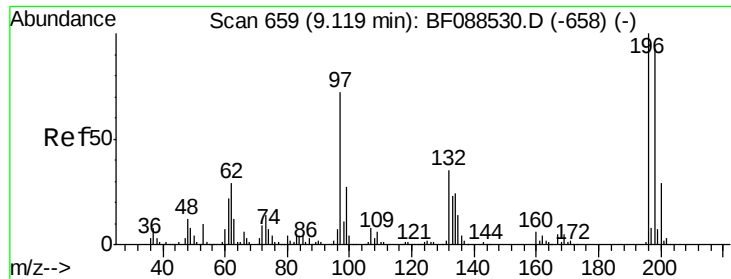
7/1/2016 6:59:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.76 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172914		
198	93.4	78.0	117.0	
200	30.5	25.4	38.2	





#43
2,4,5-Trichlorophenol
Concen: 44.75 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.02 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

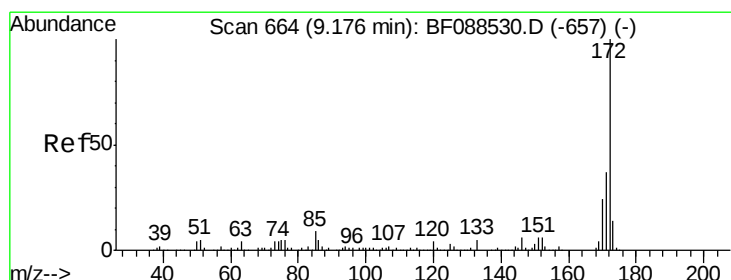
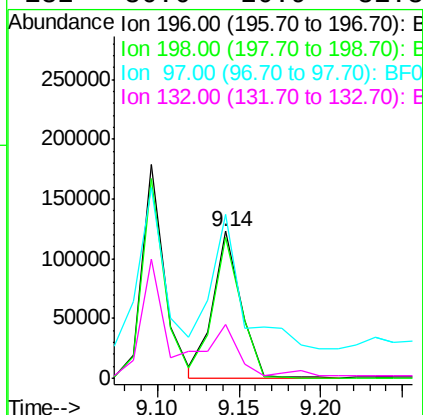
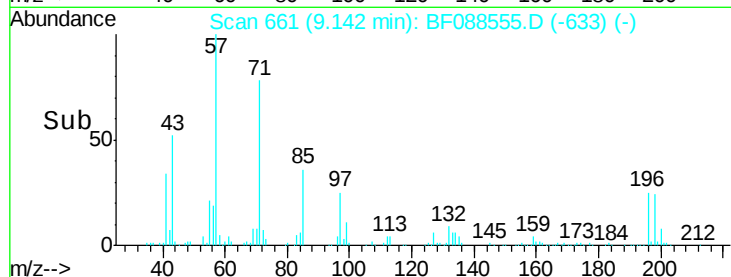
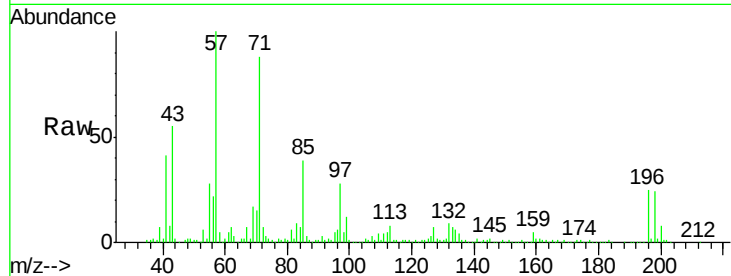
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145471		
198	95.6	77.5	116.3	
97	111.8	32.0	48.0	
132	36.6	20.9	31.3	

Manual Integrations

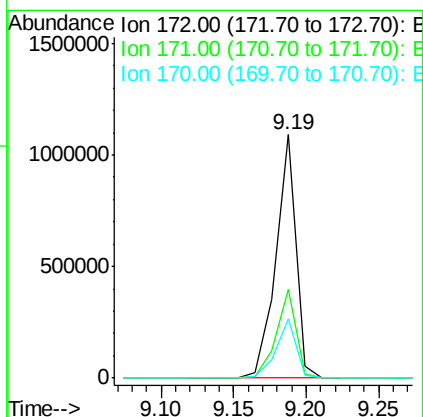
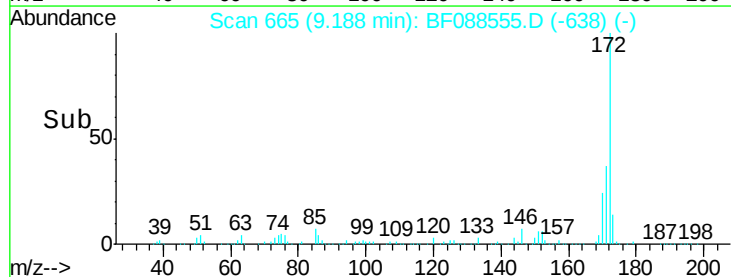
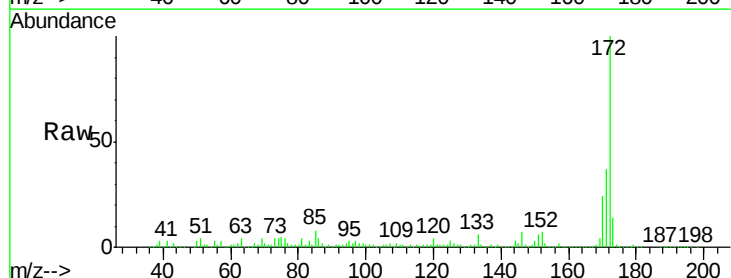
sohil
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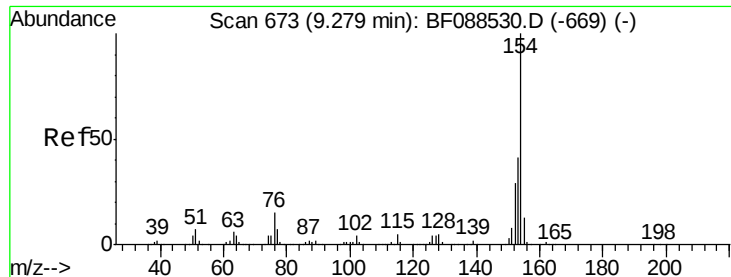
7/1/2016 6:59:32 PM



#44
2-Fluorobiphenyl
Concen: 96.03 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1047479		
171	36.6	28.6	43.0	
170	24.4	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 49.99 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

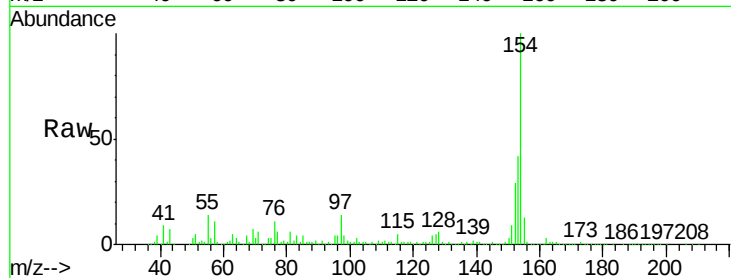
Tot Ion:	154	Resp:	713291
Ion Ratio	Lower	Upper	
154	100		
153	41.6	20.6	60.6
76	11.1	0.0	35.1

Manual Integrations

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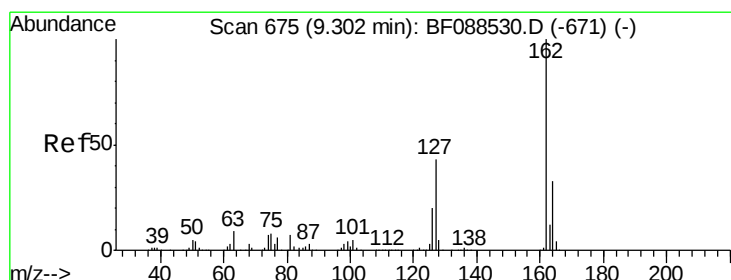
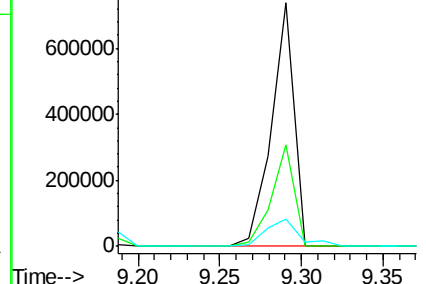
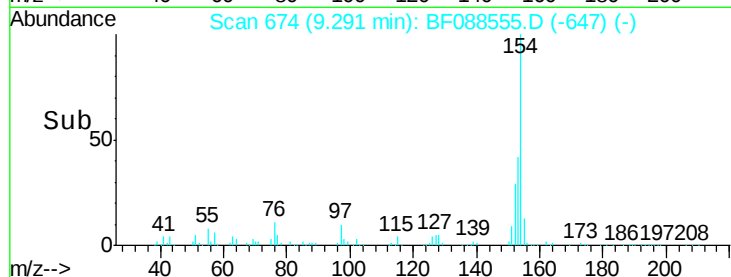
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.06 ng

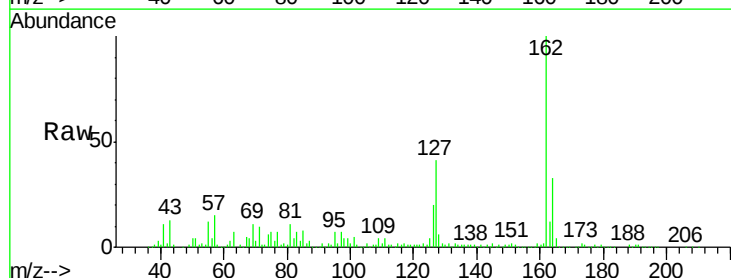
RT: 9.31 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

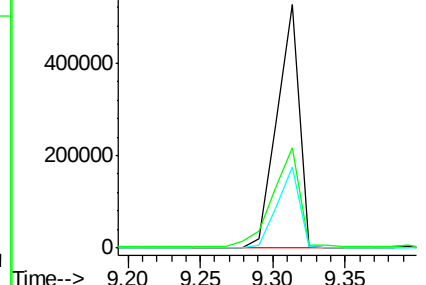
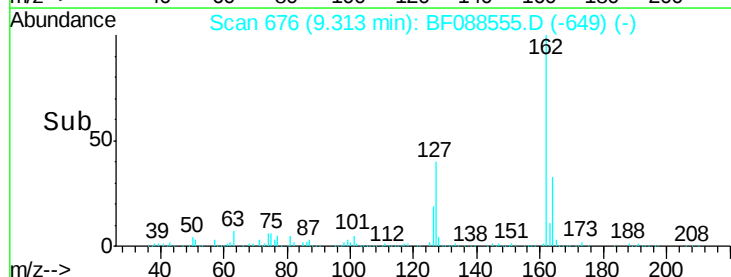
Tgt Ion:	162	Resp:	560740
Ion Ratio	Lower	Upper	
162	100		
127	41.2	35.2	52.8
164	33.4	26.6	39.8

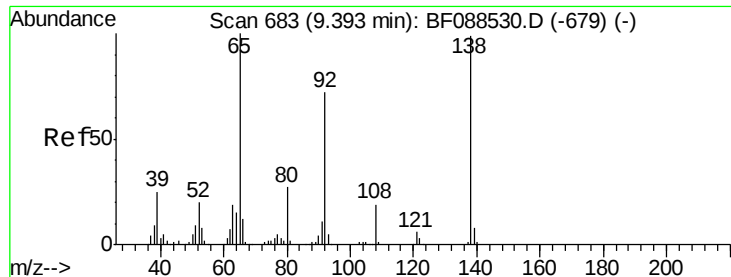


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.49 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion: 65 Resp: 208646

Ion Ratio Lower Upper

65 100

92 81.7 54.6 82.0

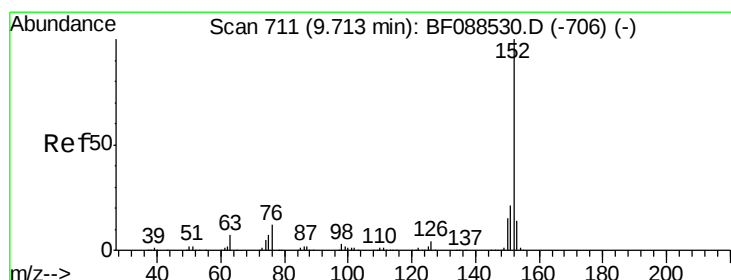
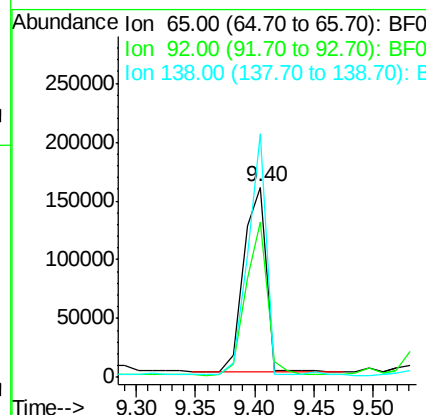
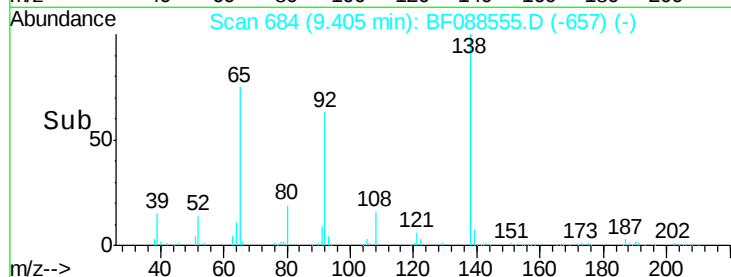
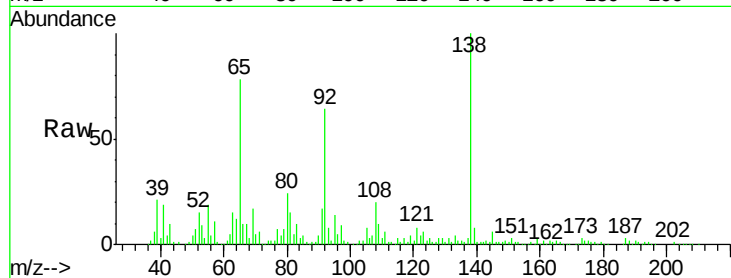
138 127.9 77.0 115.4#

Manual Integrations

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#48

Acenaphthylene

Concen: 46.46 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

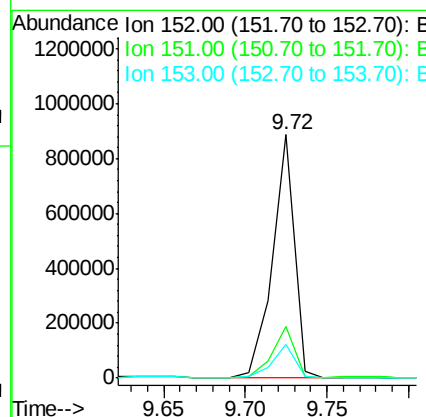
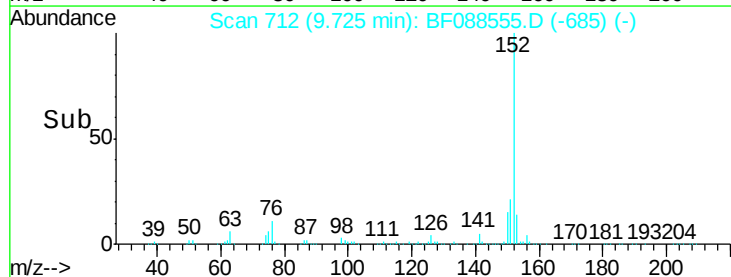
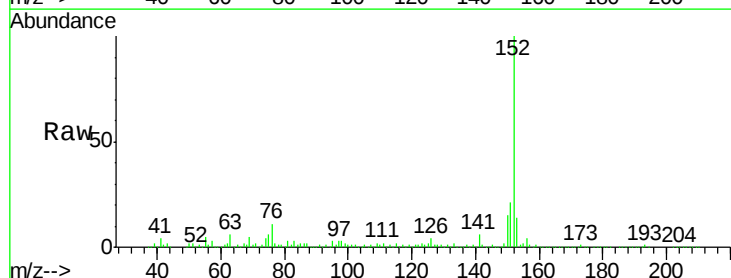
Tgt Ion: 152 Resp: 828080

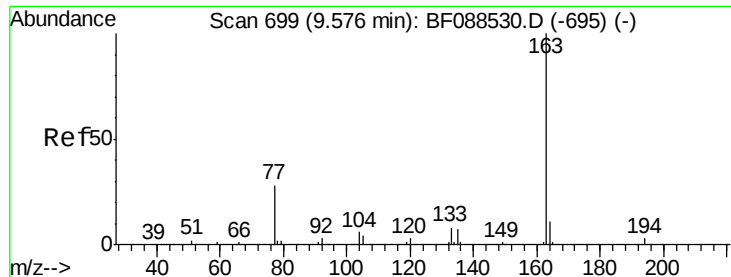
Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

153 14.1 11.0 16.6





#49
Dimethylphthalate
Concen: 56.37 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

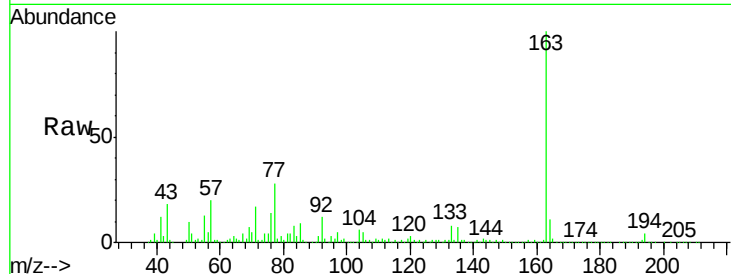
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.7	8.3	12.5

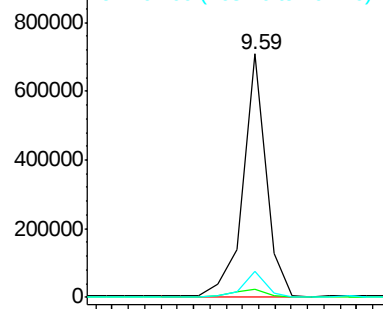
Manual Integrations

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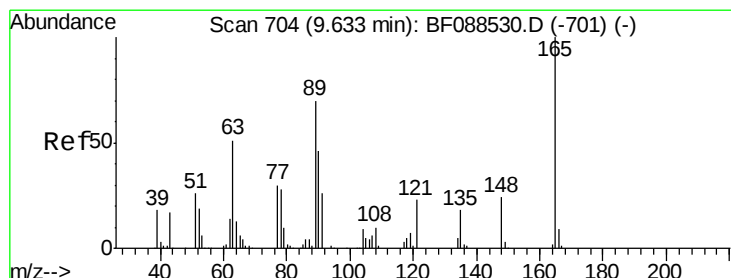
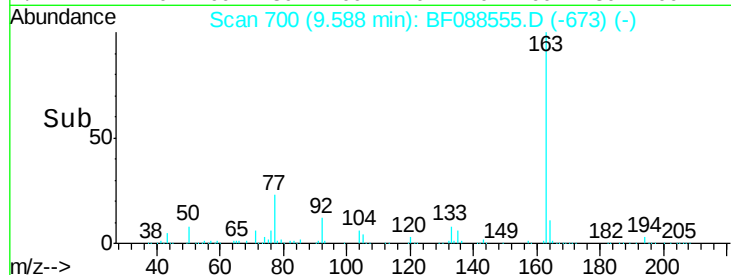
7/1/2016 6:59:32 PM



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



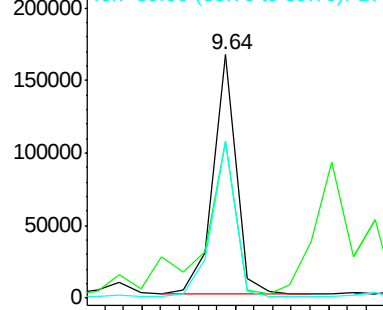
Time-->



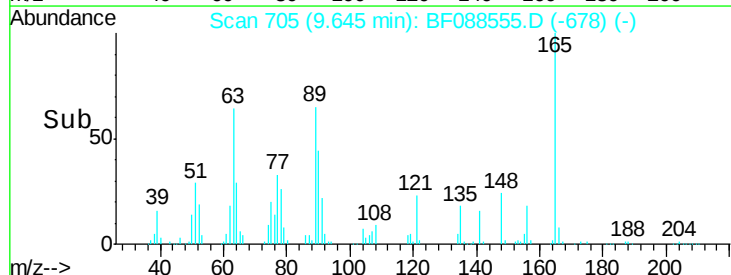
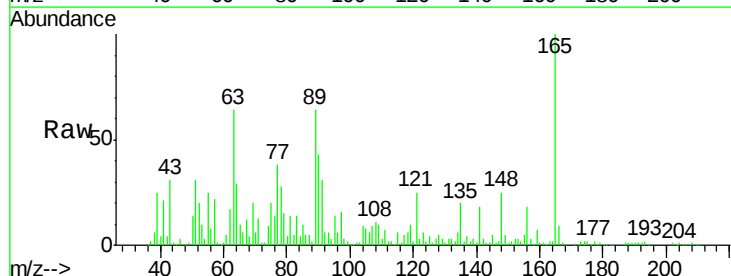
#50
2,6-Dinitrotoluene
Concen: 52.92 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

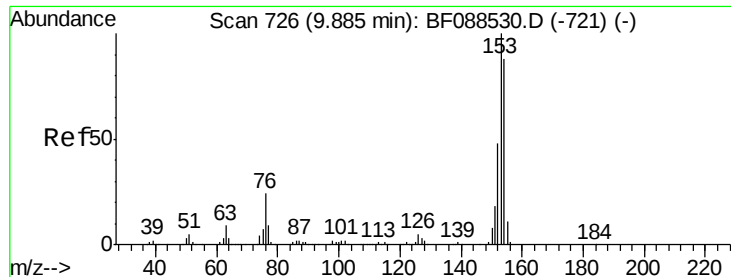
Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.3	28.1	42.1#
89	64.1	32.2	48.2#

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



Time-->





#51

Acenaphthene

Concen: 47.11 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:154 Resp: 514690

Ion Ratio Lower Upper

154 100

153 115.1 89.5 134.3

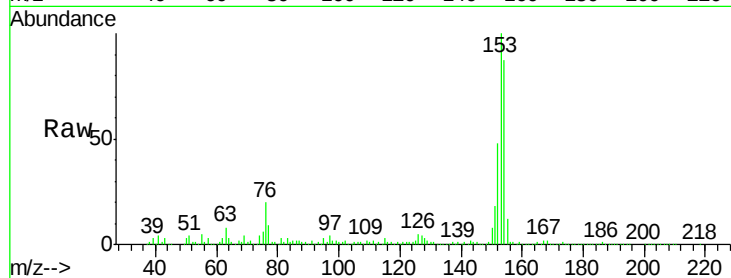
152 55.0 42.7 64.1

Manual Integrations

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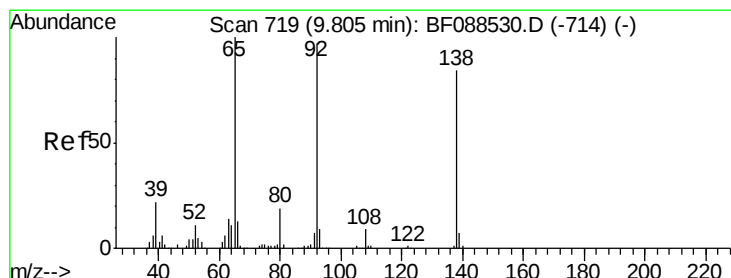
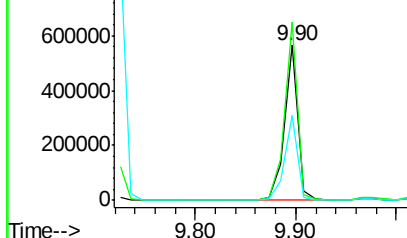
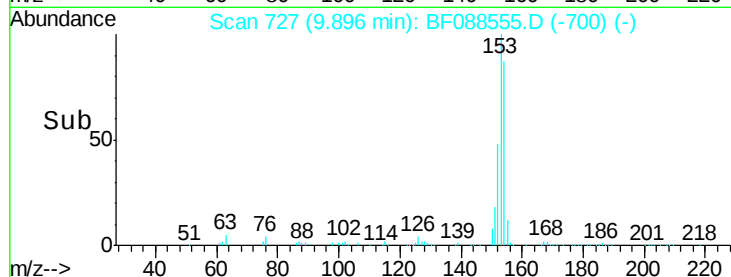
7/1/2016 6:59:32 PM



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: 28.21 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

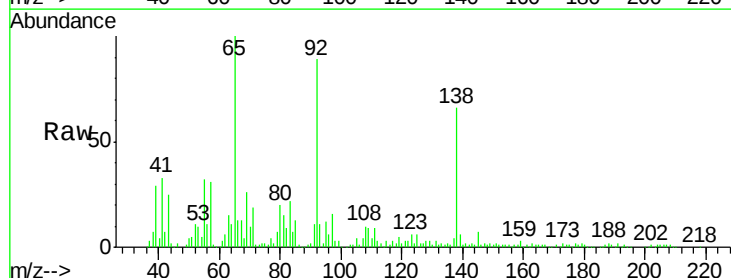
Tgt Ion:138 Resp: 97561

Ion Ratio Lower Upper

138 100

108 14.5 8.5 12.7#

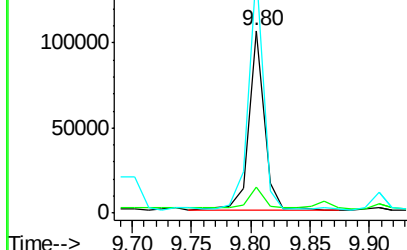
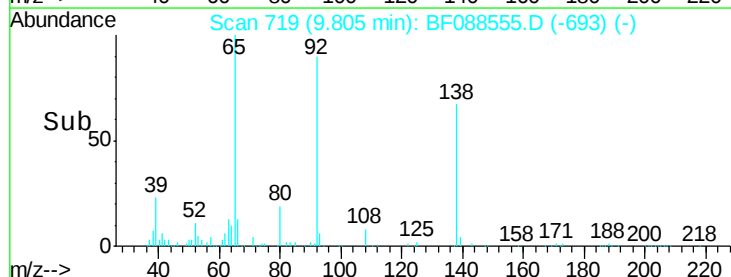
92 133.7 95.7 143.5

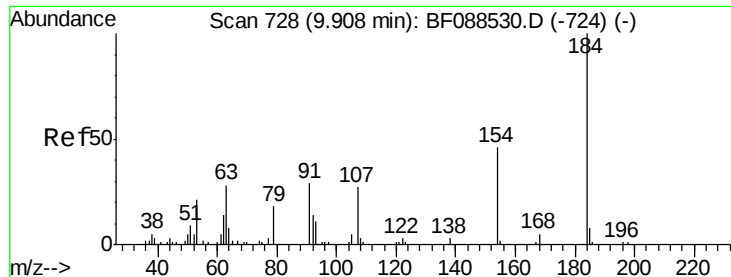


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 21.43 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:184 Resp: 25746

Ion Ratio Lower Upper

184 100

63 93.6 57.6 86.4#

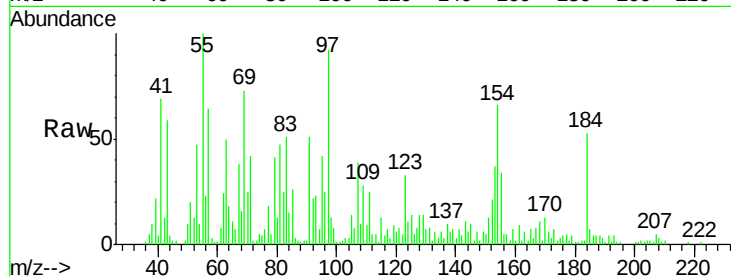
154 122.8 53.5 80.3#

Manual Integrations

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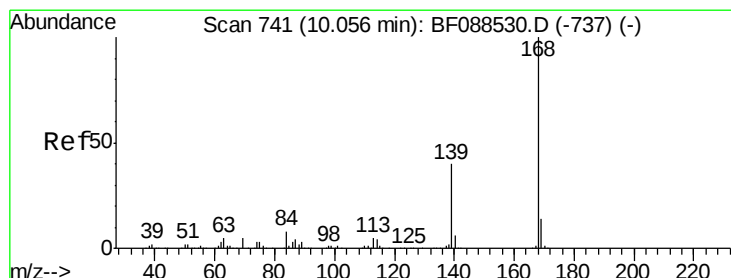
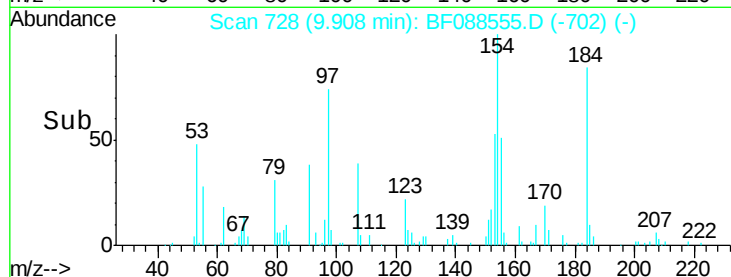
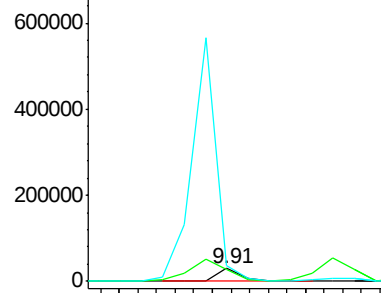
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 52.05 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

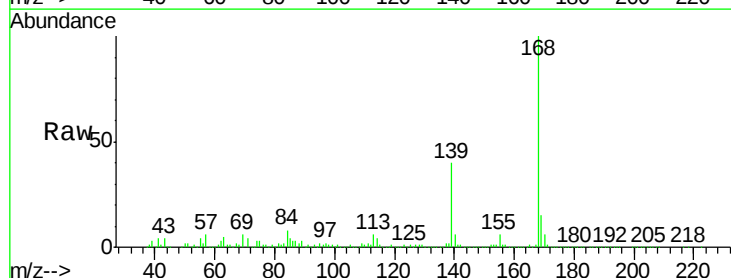
Tgt Ion:168 Resp: 744248

Ion Ratio Lower Upper

168 100

139 39.9 26.4 39.6#

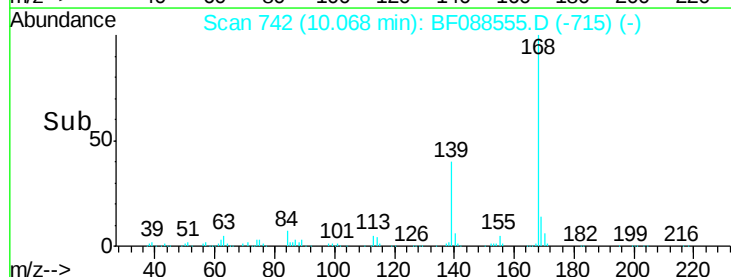
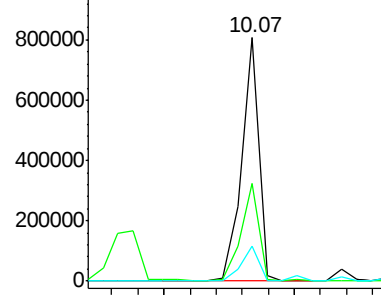
169 14.5 10.4 15.6

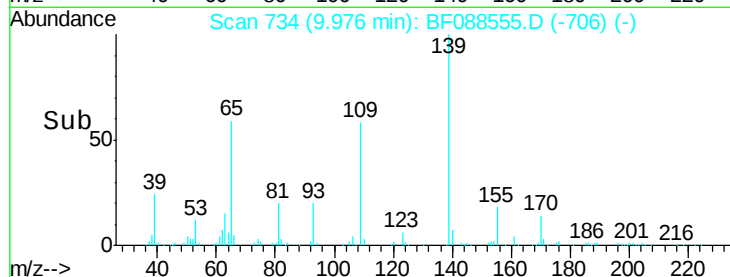
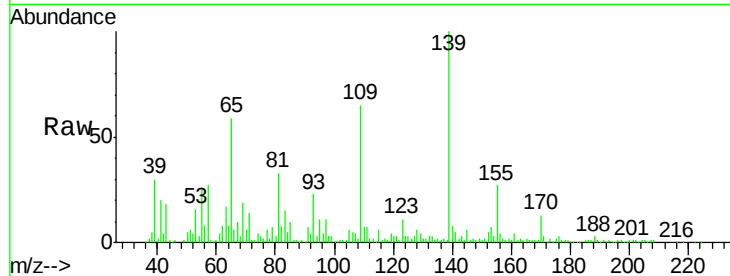
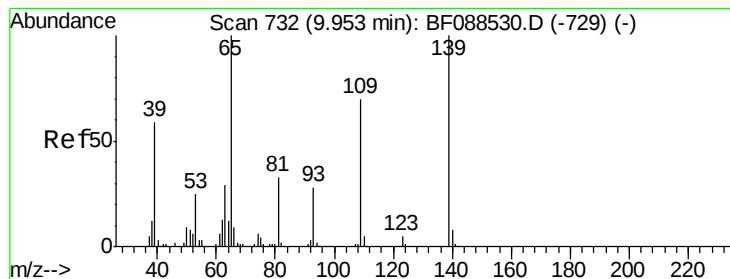


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 96.45 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tot Ion:	139	Resp:	253474
Ion Ratio	Lower	Upper	
139	100		
109	65.2	48.9	88.9
65	59.3	84.9	124.9

Instrument :

BNA_F

ClientSampleId :

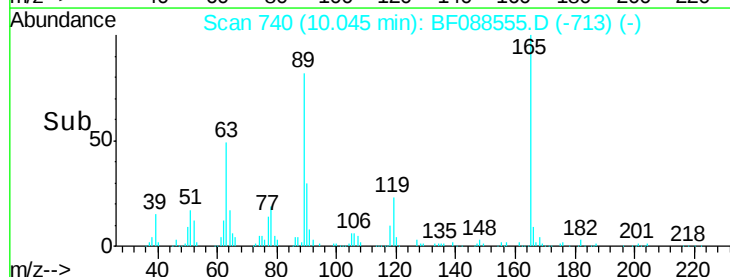
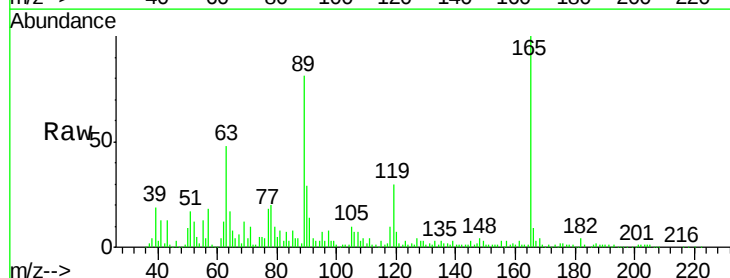
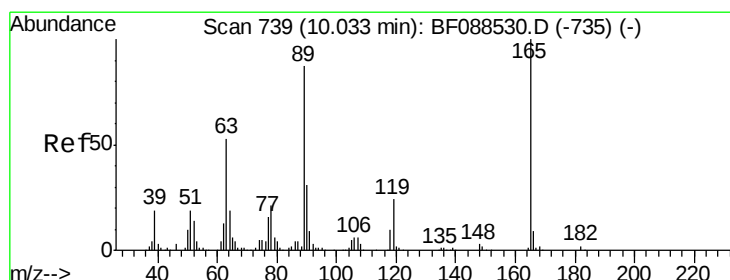
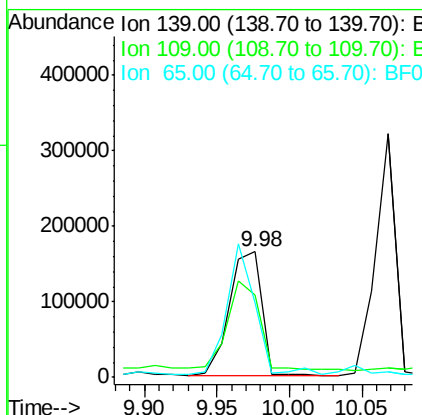
B1409-TP03E-1224MS

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 52.32 ng

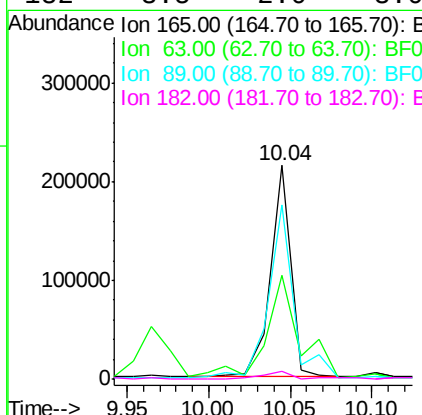
RT: 10.04 min Scan# 740

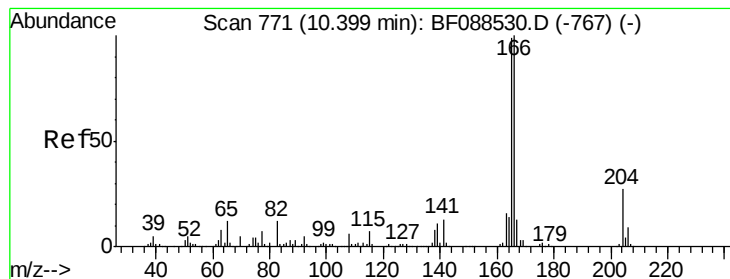
Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:	165	Resp:	186105
Ion Ratio	Lower	Upper	
165	100		
63	48.5	22.0	33.0
89	81.3	41.1	61.7
182	3.5	2.0	3.0





#57

Fluorene

Concen: 49.05 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:166 Resp: 540471

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

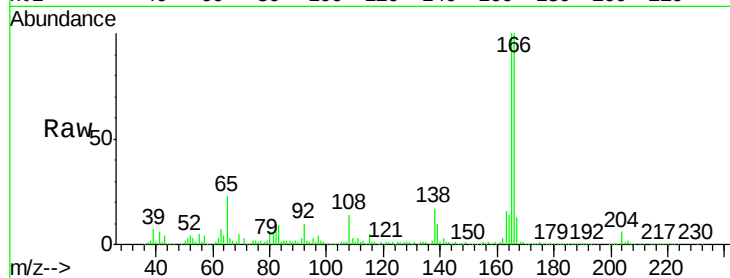
167 13.0 11.2 16.8

Manual Integrations

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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

600000

500000

400000

300000

200000

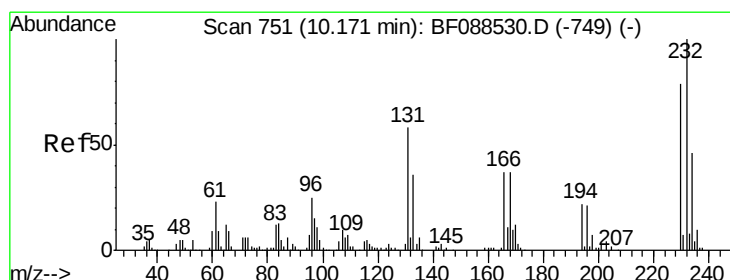
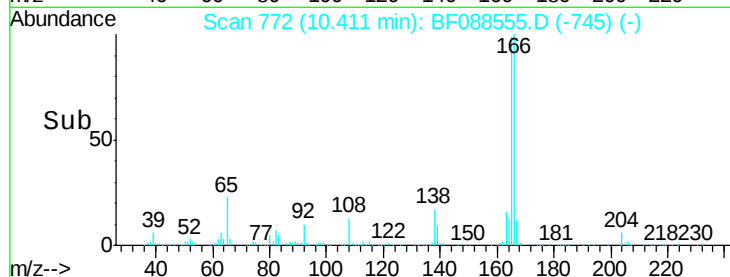
100000

0

10.30

10.40

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.04 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:232 Resp: 128361

Ion Ratio Lower Upper

232 100

131 54.5 0.9 1.3#

130 6.9 1.5 2.3#

166 36.2 0.5 0.7#

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

200000

150000

100000

50000

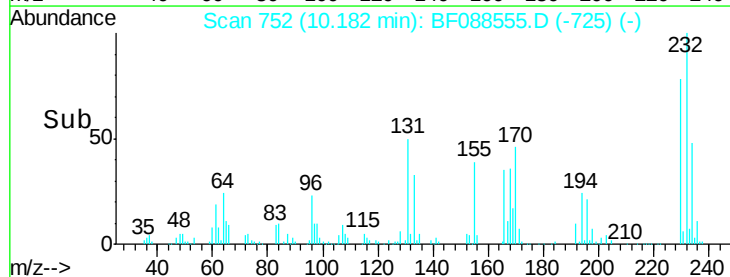
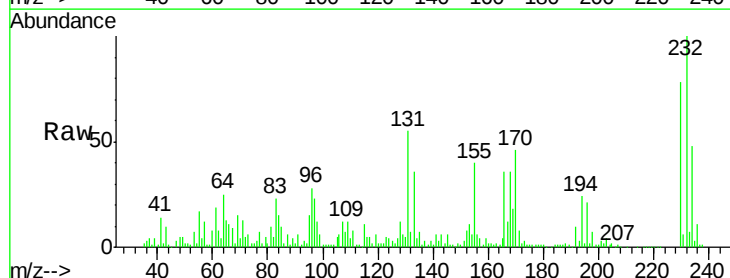
0

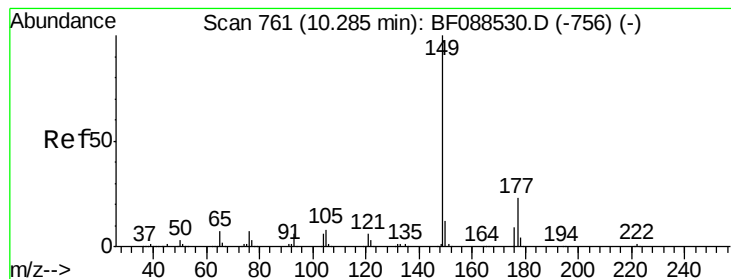
10.10

10.20

10.30

Time-->





#59

Diethylphthalate

Concen: 49.35 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF088555.D

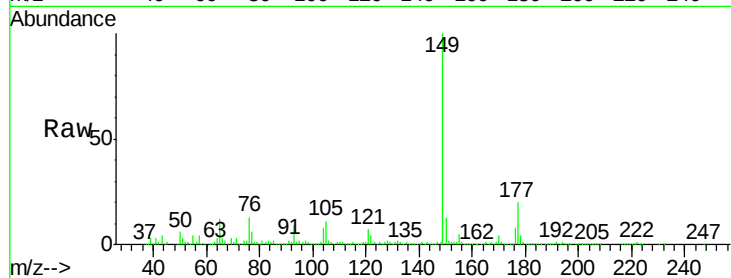
Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS



Tot Ion:149 Resp: 607888

Ion Ratio Lower Upper

149 100

177 20.4 16.9 25.3

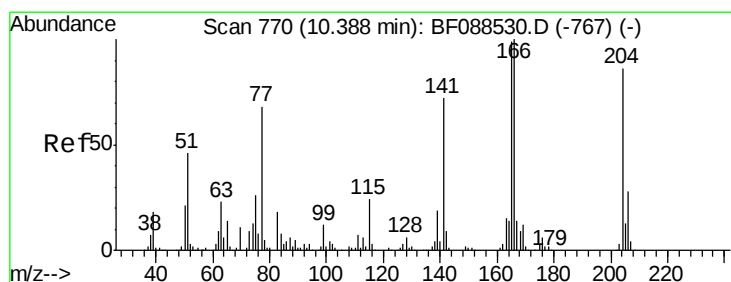
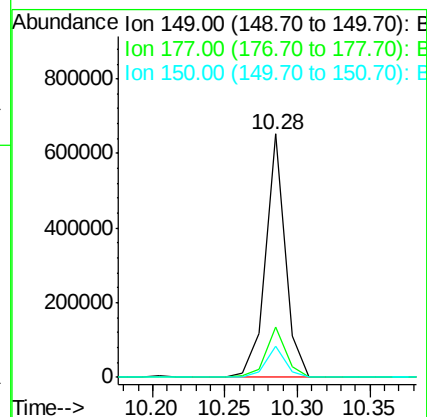
150 12.8 10.1 15.1

Manual Integrations

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#60

4-Chlorophenyl-phenylether

Concen: 43.56 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

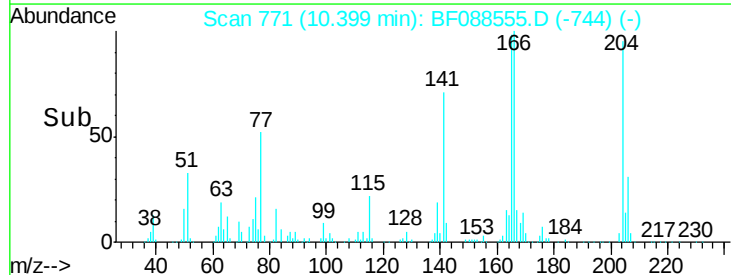
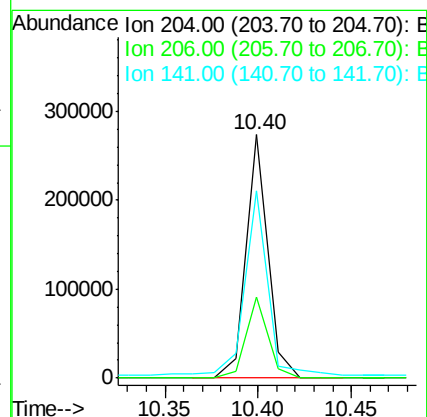
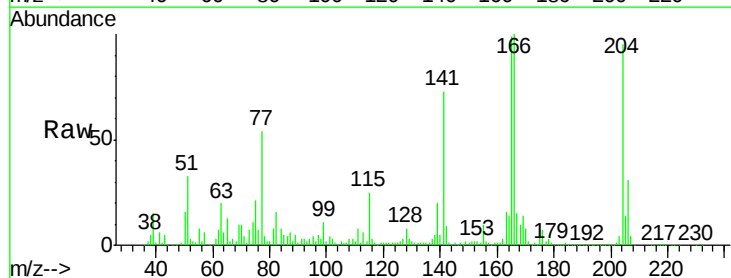
Tgt Ion:204 Resp: 223037

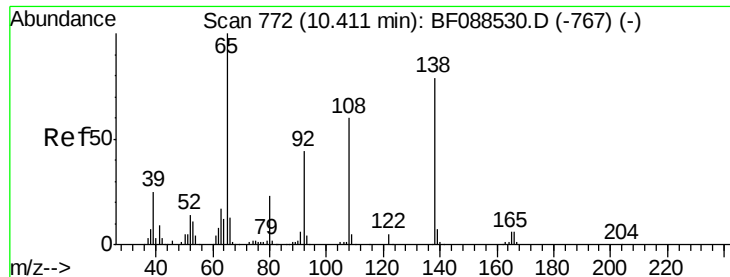
Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

141 76.7 55.0 82.6





#61

4-Nitroaniline

Concen: 43.62 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:138 Resp: 145165

Ion Ratio Lower Upper

138 100

92 46.3 27.3 67.3

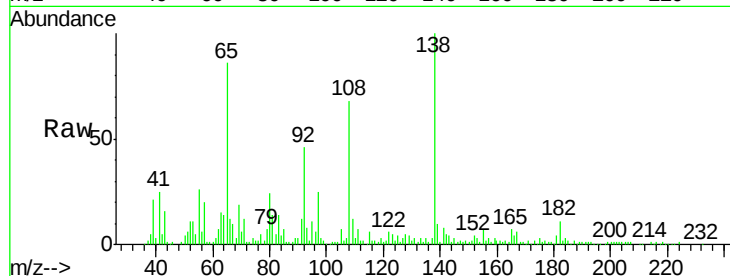
108 67.9 46.7 86.7

Manual Integrations

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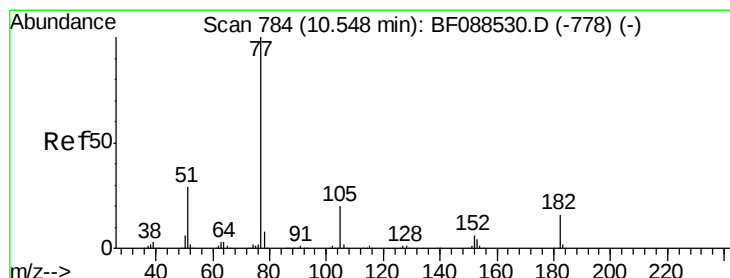
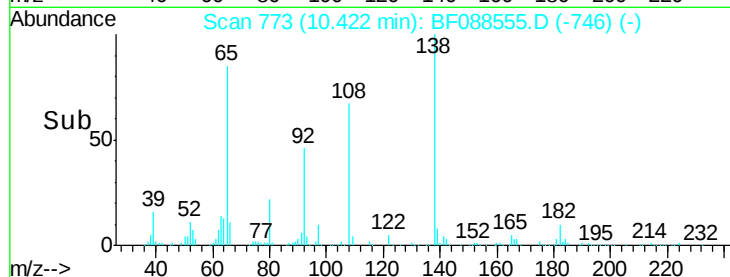
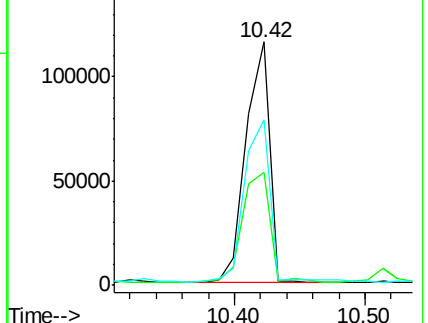
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.62 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion: 77 Resp: 697301

Ion Ratio Lower Upper

77 100

182 22.9 4.4 44.4

105 22.8 3.8 43.8

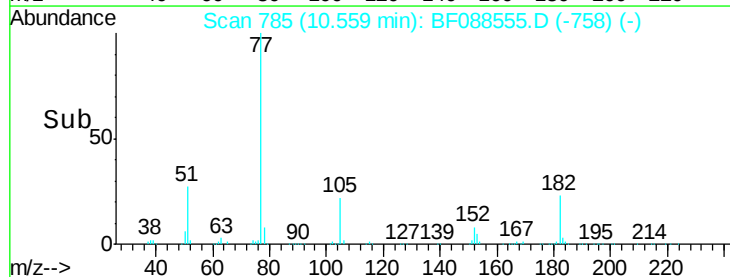
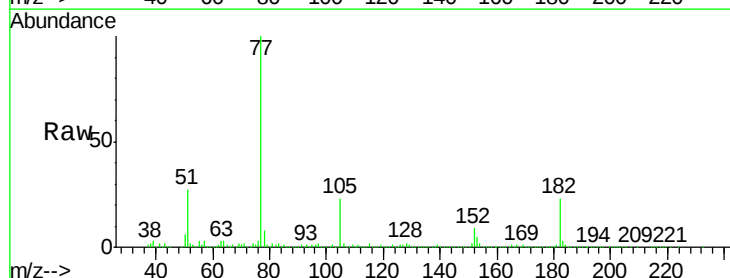
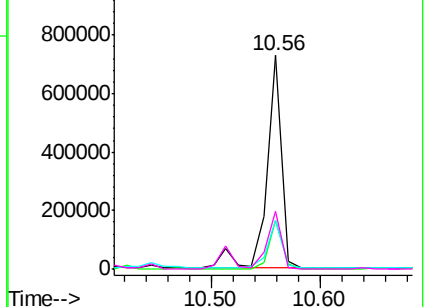
51 26.8 9.3 49.3

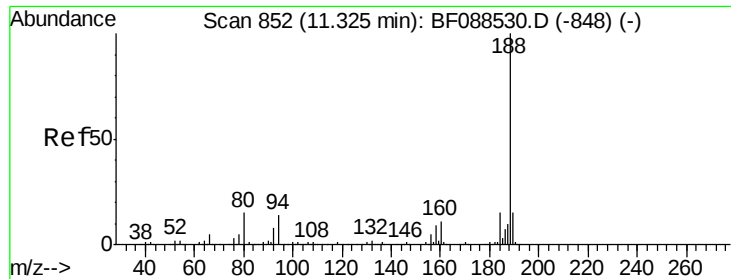
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:188 Resp: 285326

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.6

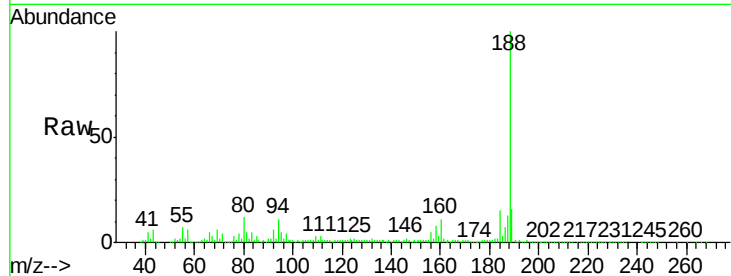
80 12.4 10.0 15.0

Manual Integrations

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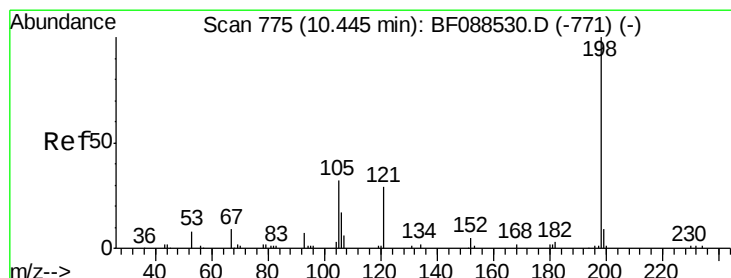
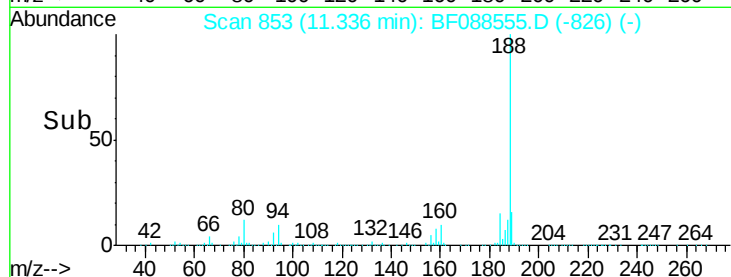
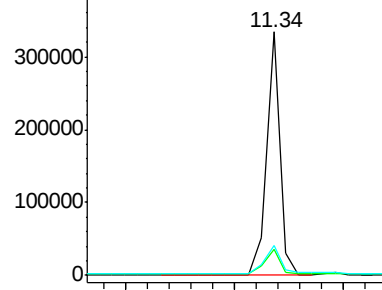
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 17.78 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

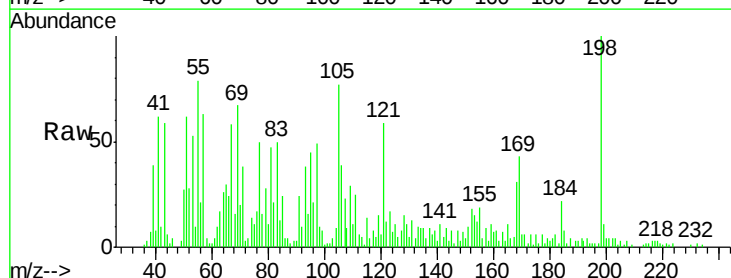
Tgt Ion:198 Resp: 27133

Ion Ratio Lower Upper

198 100

51 61.9 39.6 79.6

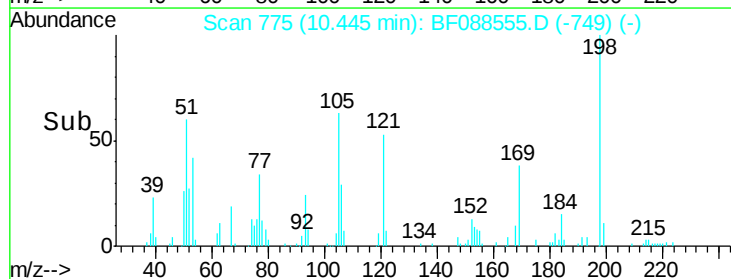
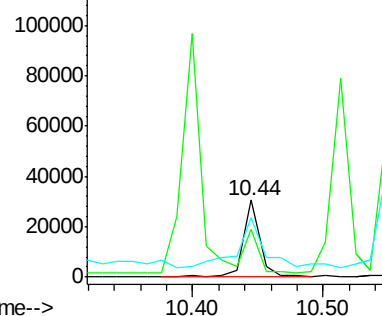
105 76.9 36.6 76.6#

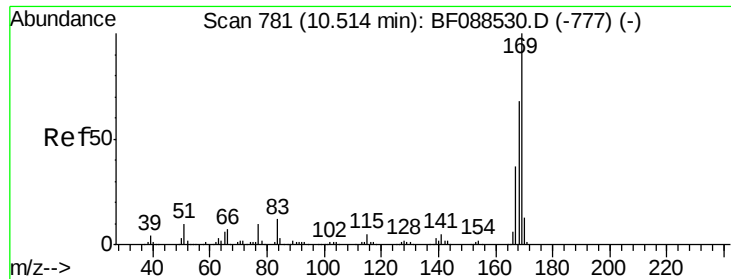


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65
n-Nitrosodiphenylamine
Concen: 49.56 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

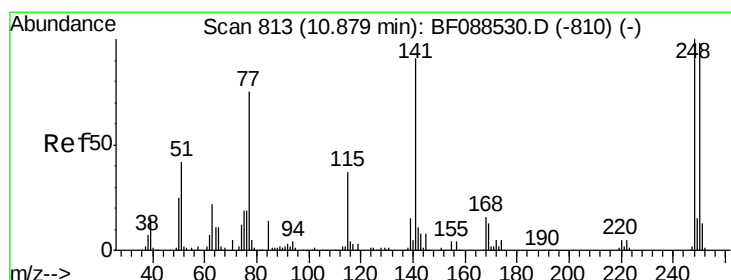
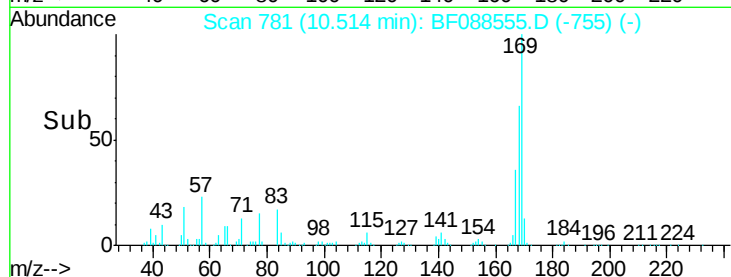
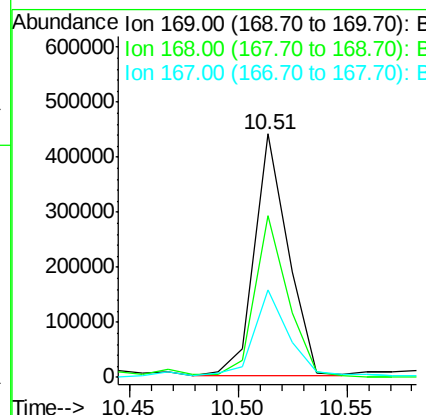
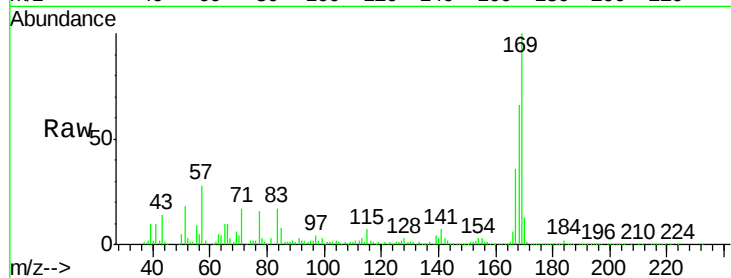
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	66.2	53.4	80.0	
167	36.1	29.4	44.0	

Manual Integrations

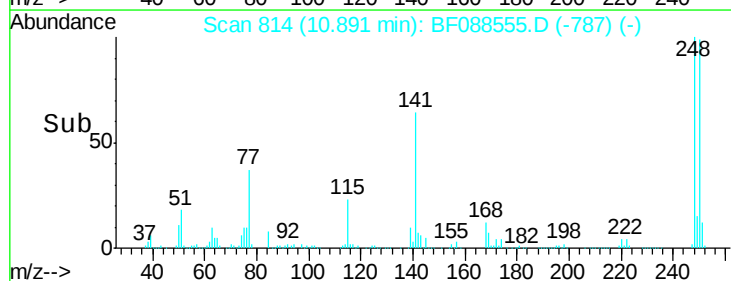
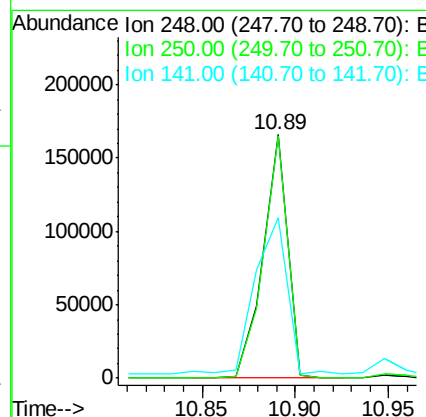
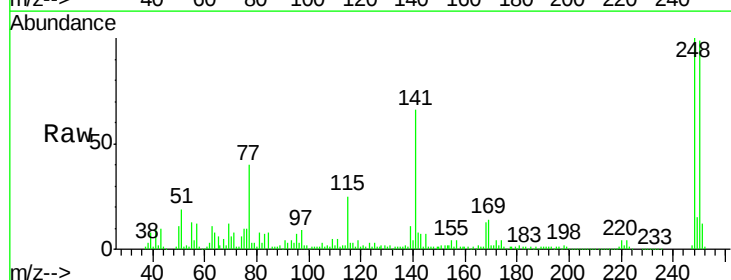
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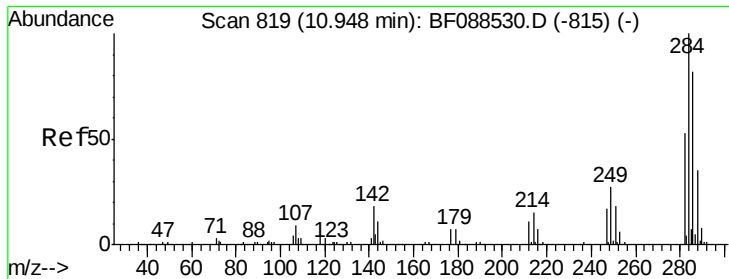
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#66
4-Bromophenyl-phenylether
Concen: 52.07 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	99.5	77.1	115.7	
141	65.9	50.6	76.0	





#67
Hexachlorobenzene
Concen: 43.86 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

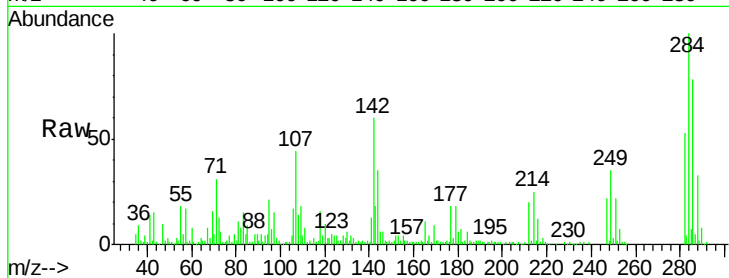
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	60.3	35.8	53.8#
249	34.5	25.8	38.6

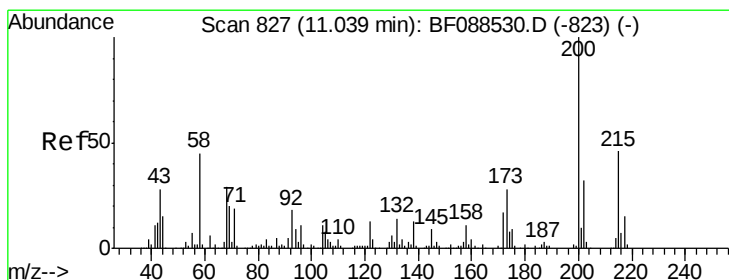
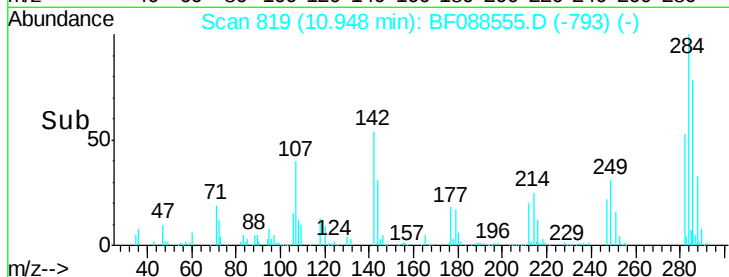
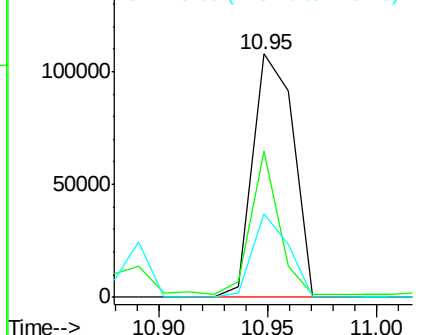
Manual Integrations

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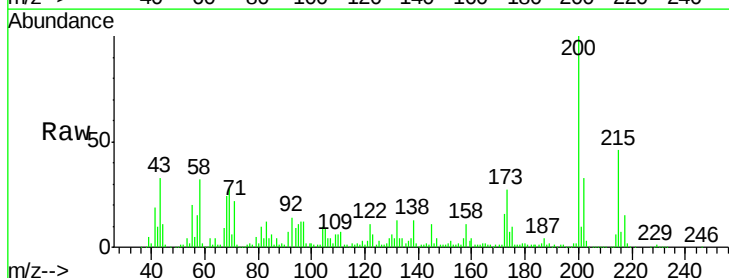


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

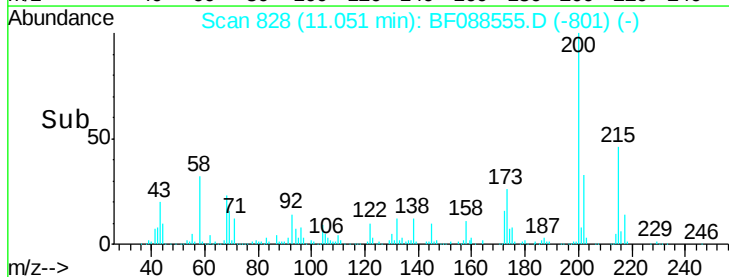
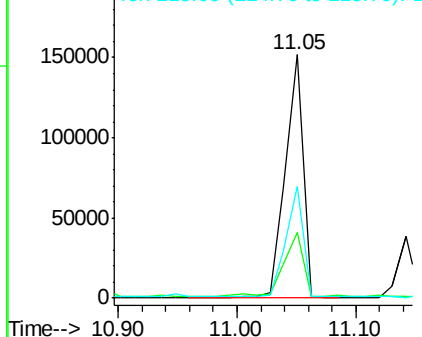


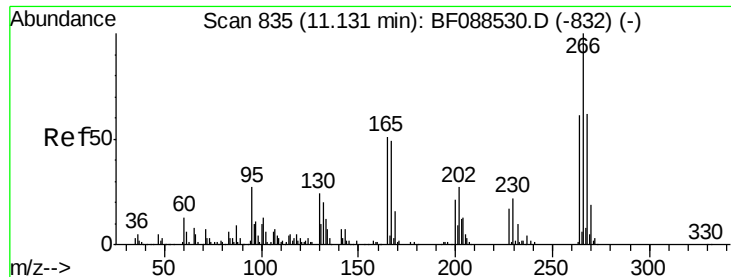
#68
Atrazine
Concen: 51.90 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	4.0	44.0
215	46.1	29.3	69.3



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





#69
 Pentachlorophenol
 Concen: 85.49 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

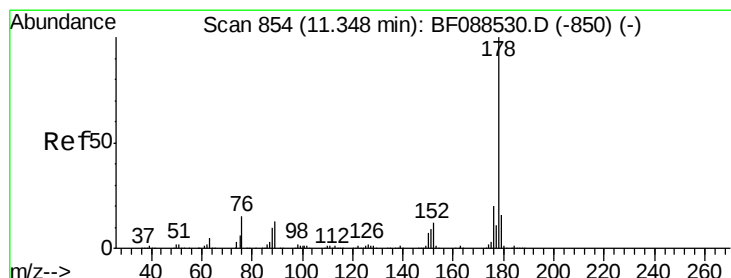
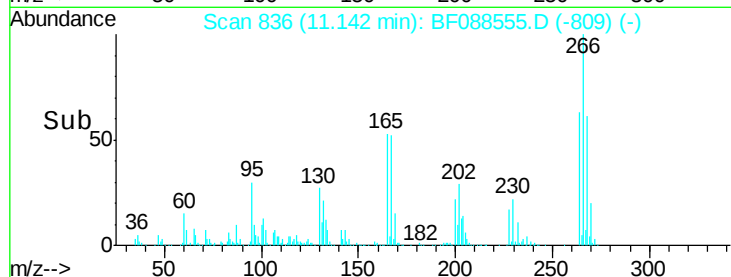
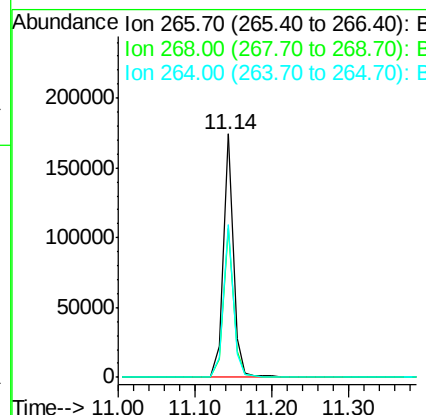
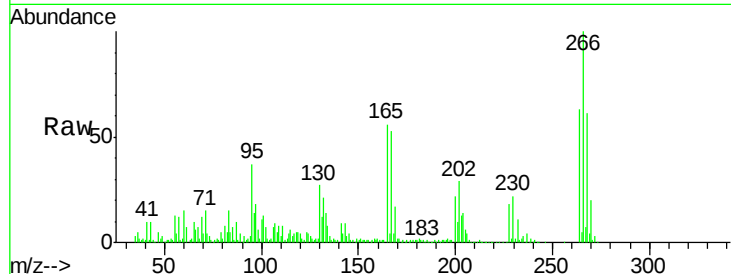
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	52.8	79.2
264	62.8	49.6	74.4

Manual Integrations

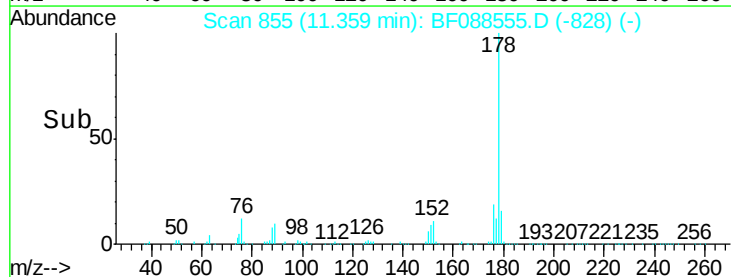
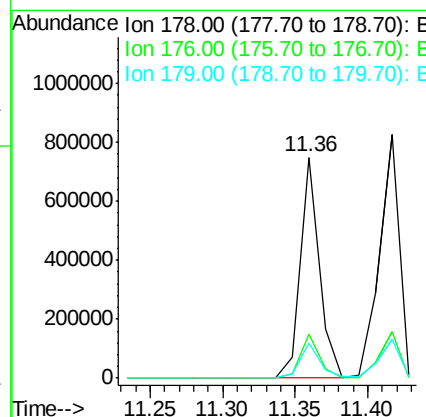
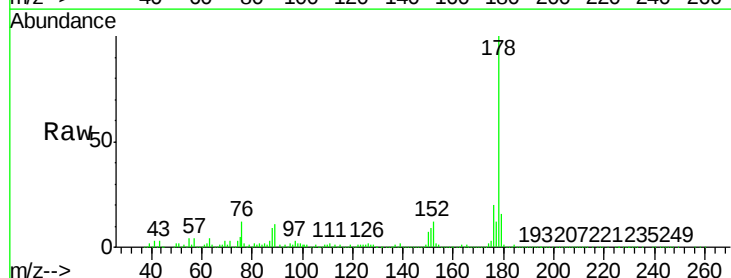
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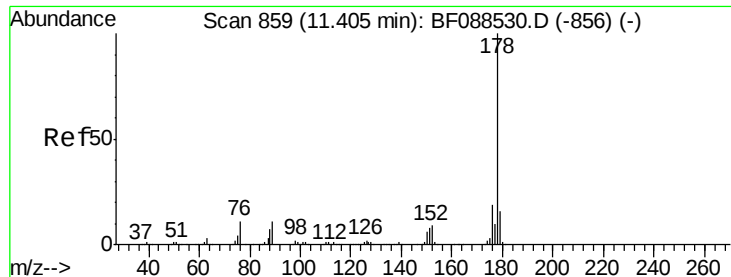
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#70
 Phenanthrene
 Concen: 43.42 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.1	13.0	19.4





#71
 Anthracene
 Concen: 49.88 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

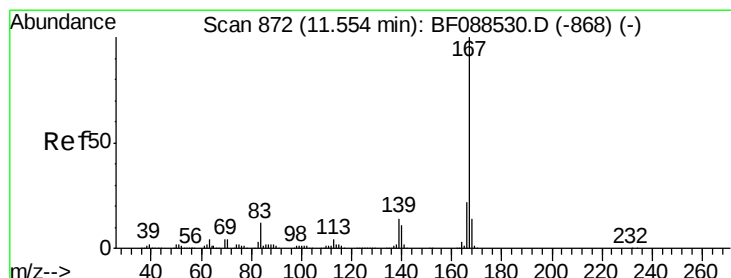
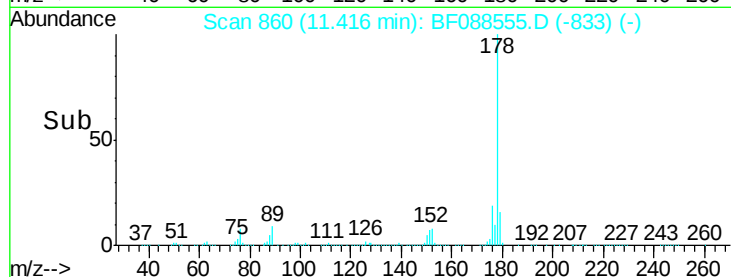
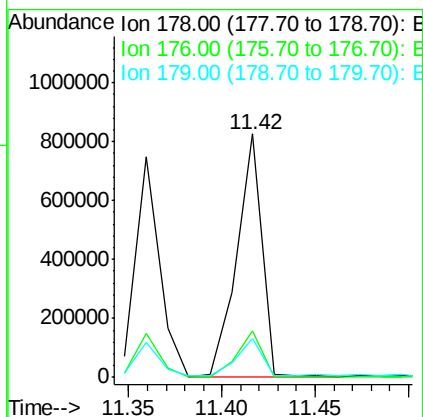
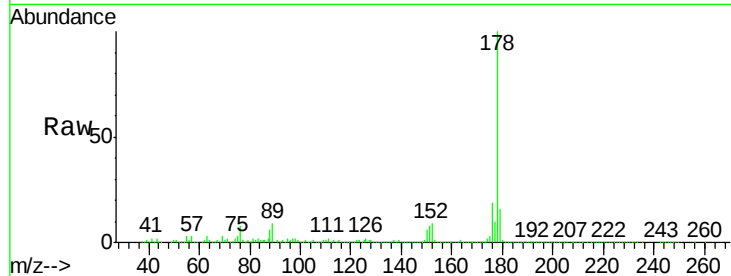
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.7	12.8	19.2

Manual Integrations

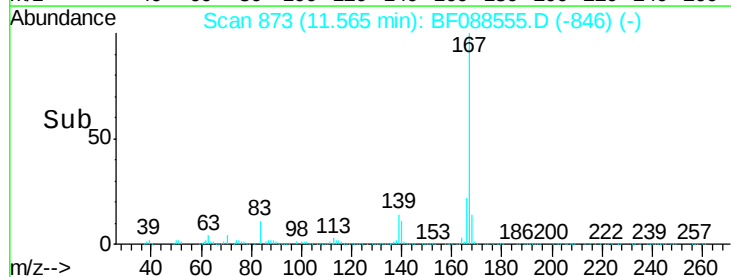
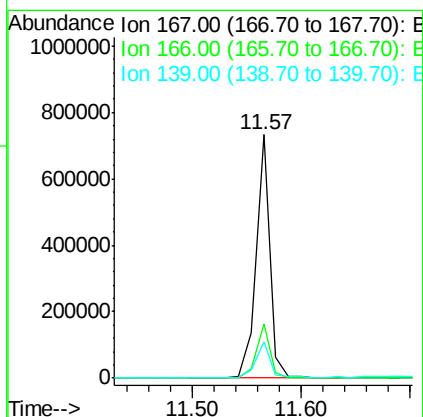
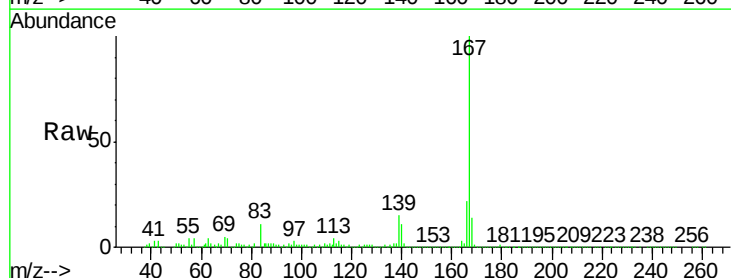
sohil
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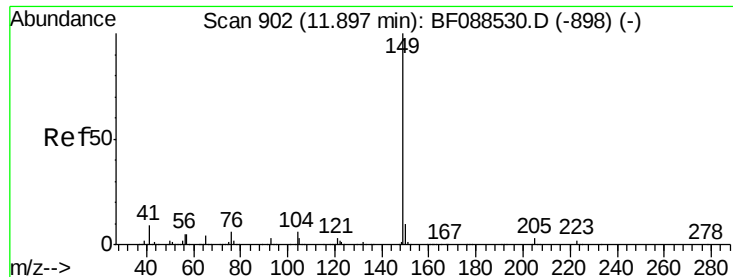
7/1/2016 6:59:32 PM



#72
 Carbazole
 Concen: 44.03 ng
 RT: 11.57 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	14.7	11.2	16.8





#73

Di-n-butylphthalate

Concen: 48.80 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

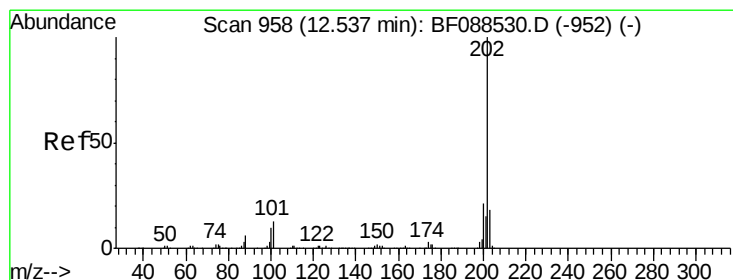
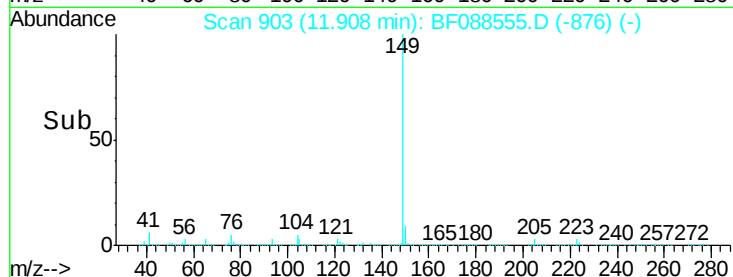
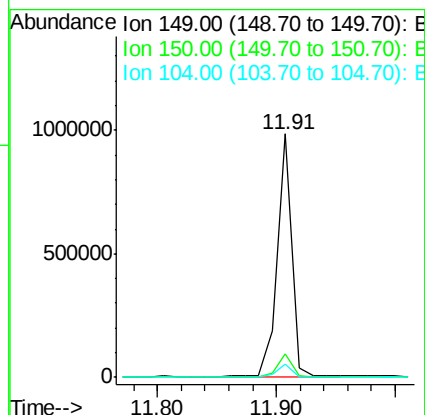
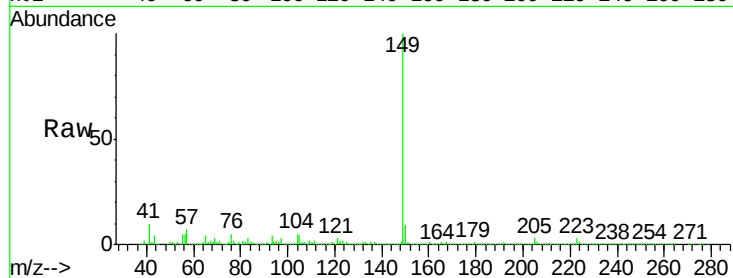
Tot Ion:	149	Resp:	828502
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.4	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 40.80 ng

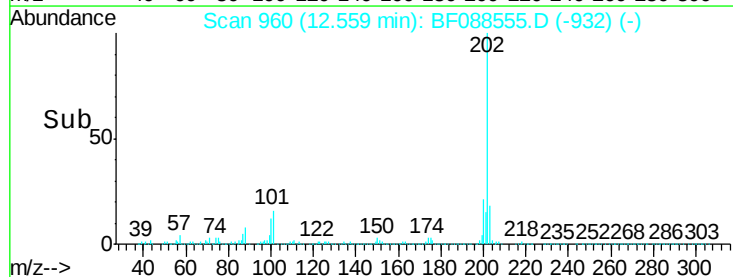
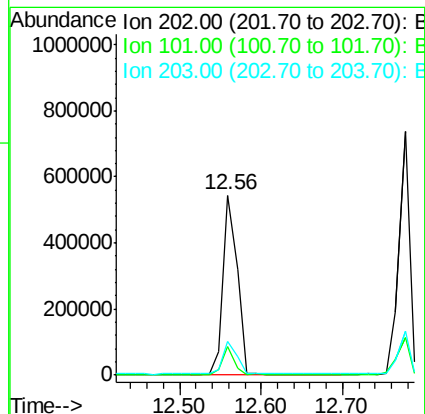
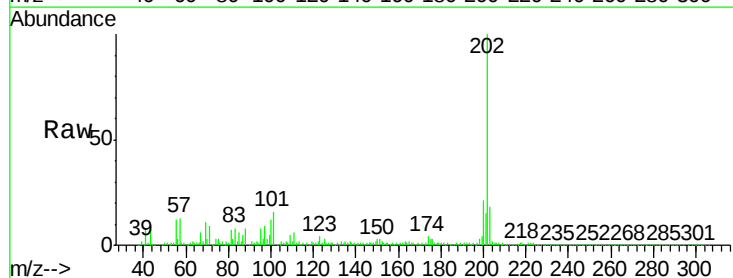
RT: 12.56 min Scan# 960

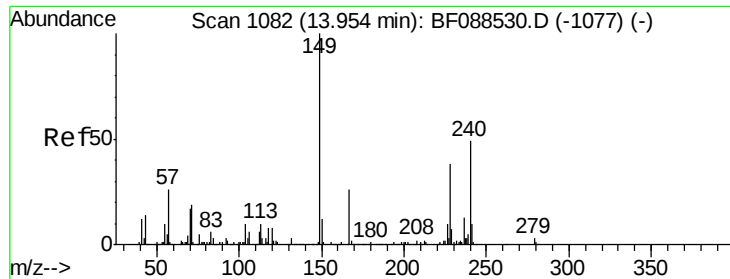
Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:	202	Resp:	645119
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	33.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:240 Resp: 168155

Ion Ratio Lower Upper

240 100

120 17.1 6.8 10.2#

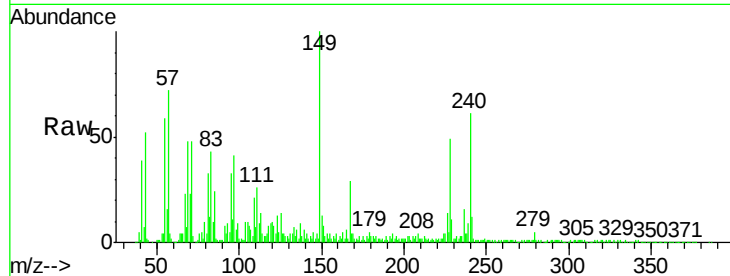
236 26.1 20.2 30.2

Manual Integrations

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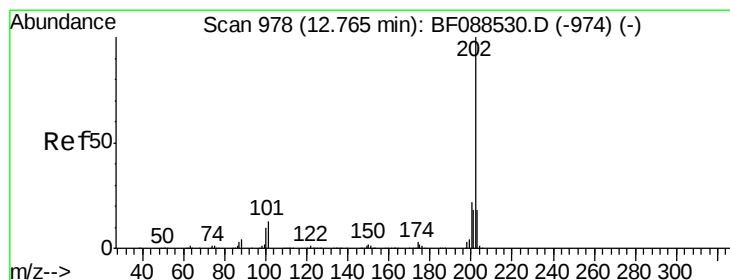
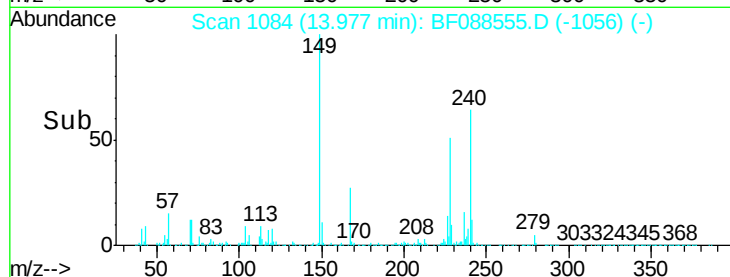
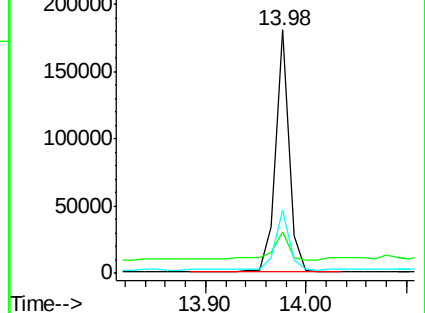
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 46.89 ng

RT: 12.78 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

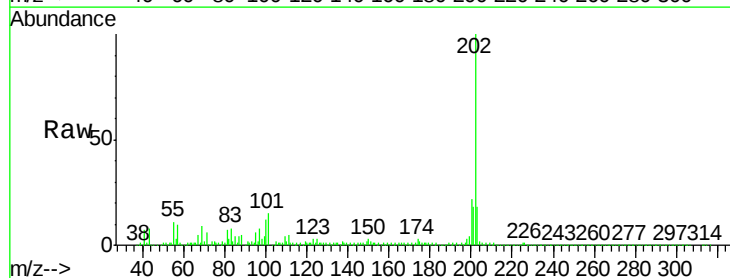
Tgt Ion:202 Resp: 668612

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

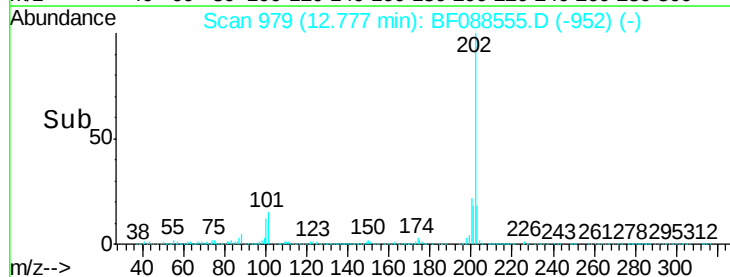
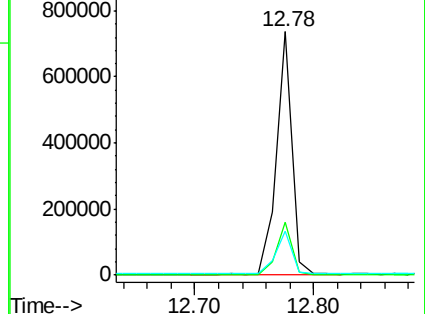
203 18.1 14.5 21.7

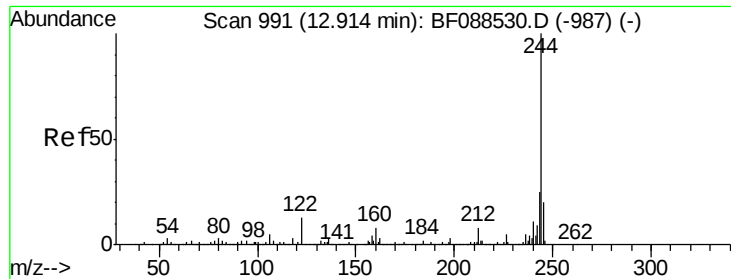


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.06 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF088555.D

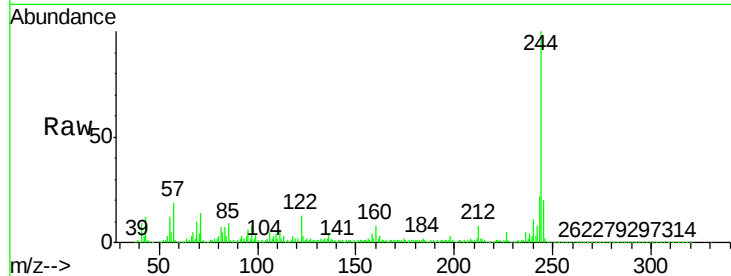
Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS



Tot Ion:244 Resp: 687459

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

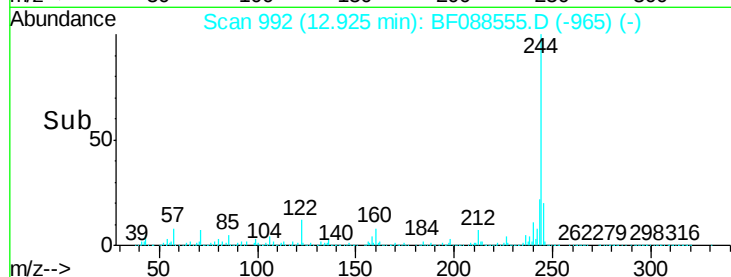
122 12.6 11.2 16.8

Manual Integrations

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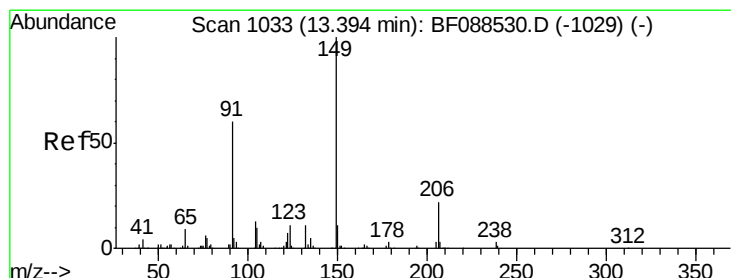
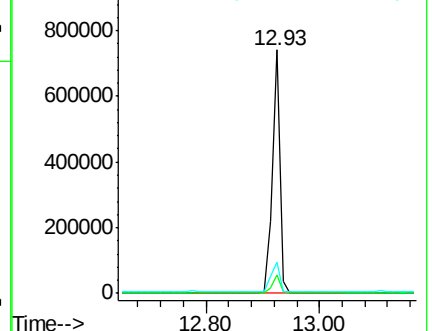
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.02 ng

RT: 13.41 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

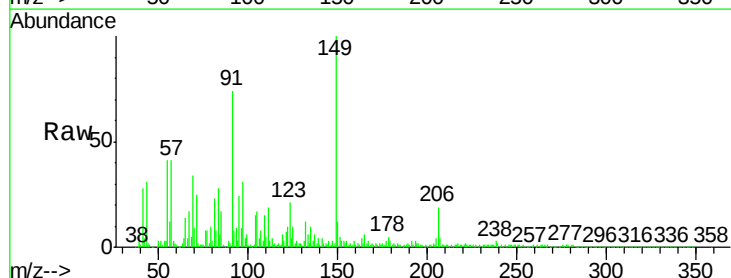
Tgt Ion:149 Resp: 305379

Ion Ratio Lower Upper

149 100

91 74.2 48.0 72.0#

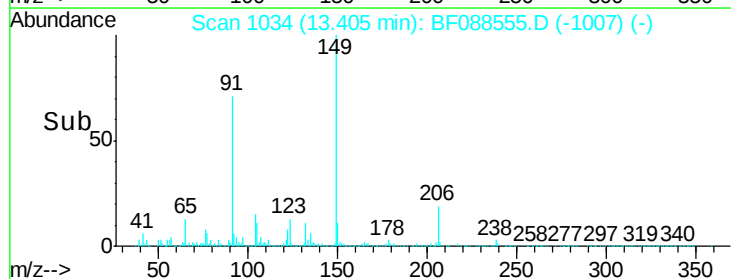
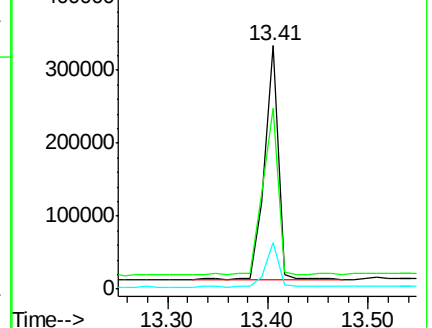
206 18.9 16.0 24.0

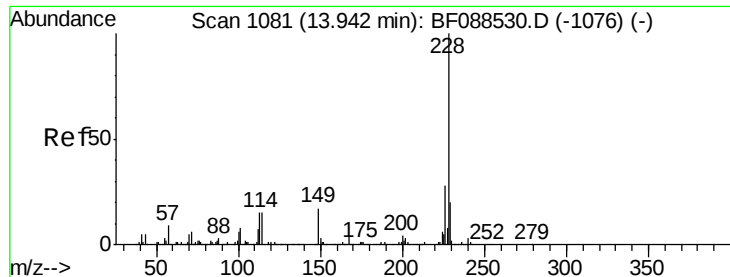


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80
Benzo(a)anthracene
Concen: 44.58 ng
RT: 13.97 min Scan# 1083
Delta R.T. 0.02 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

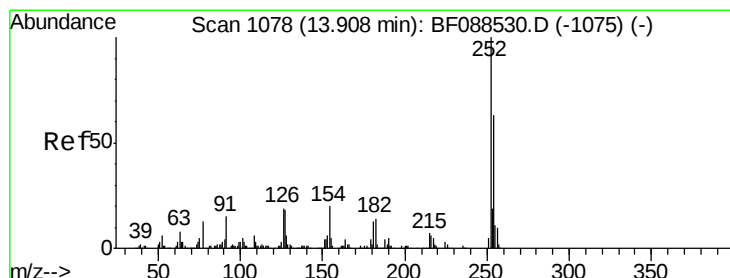
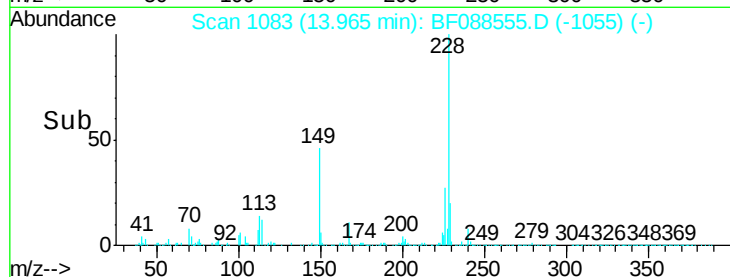
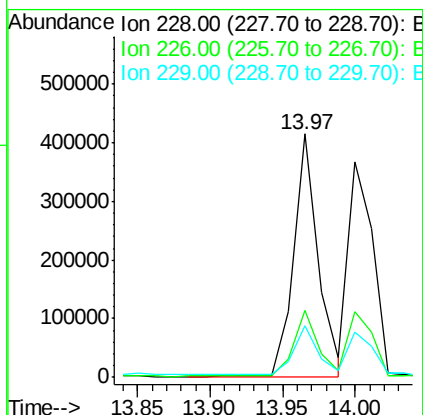
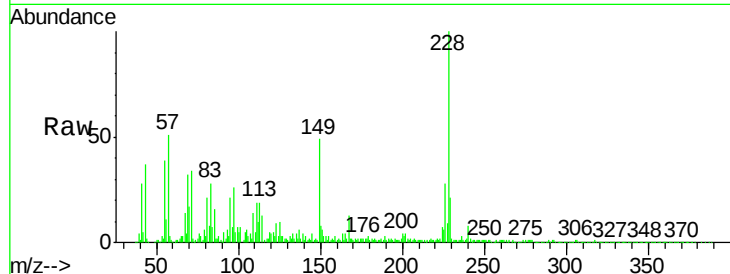
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:228 Resp: 482748
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 21.1 16.0 24.0

Manual Integrations

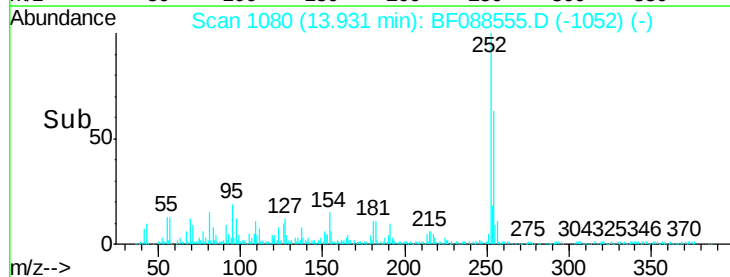
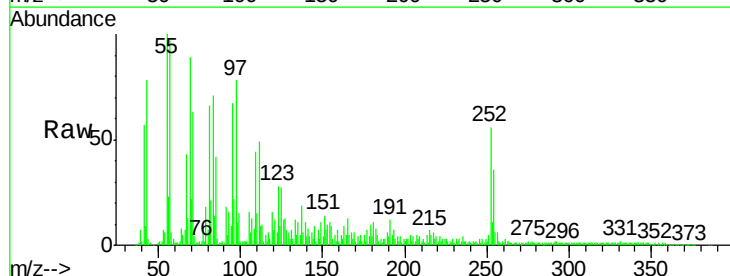
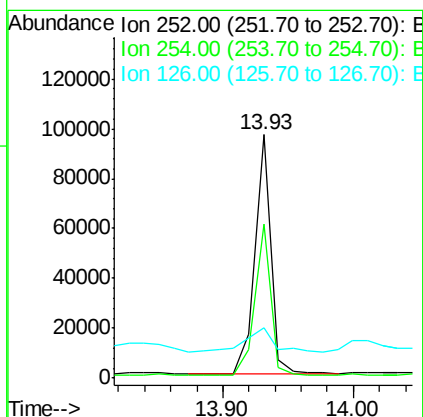
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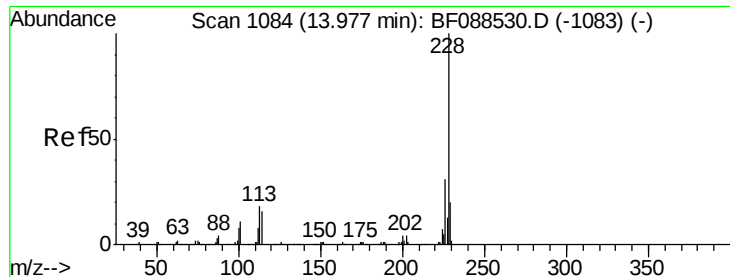
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#81
3,3'-Dichlorobenzidine
Concen: 20.47 ng
RT: 13.93 min Scan# 1080
Delta R.T. 0.02 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:252 Resp: 83323
Ion Ratio Lower Upper
252 100
254 63.2 52.6 78.8
126 20.7 6.2 9.2#





#82

Chrysene

Concen: 40.48 ng

RT: 14.00 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:228 Resp: 433690

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.2

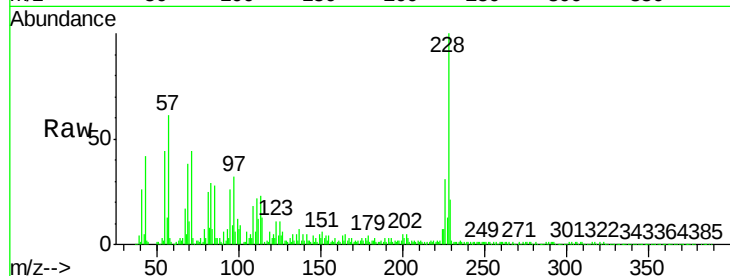
229 21.0 16.3 24.5

Manual Integrations

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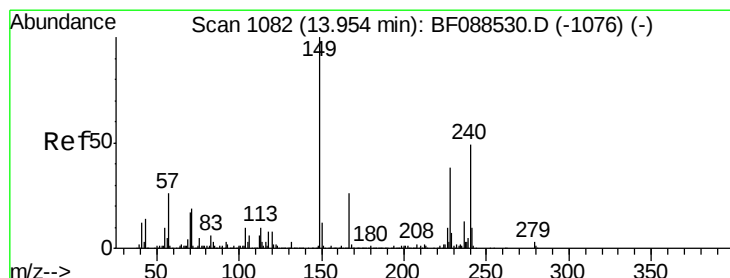
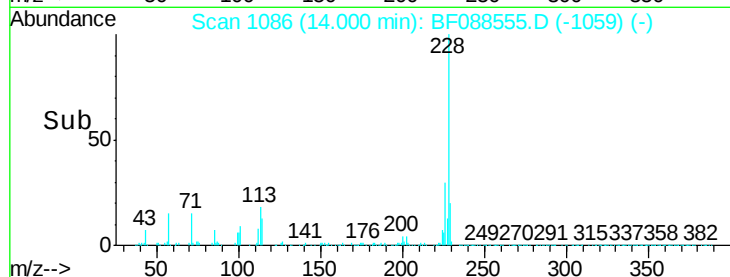
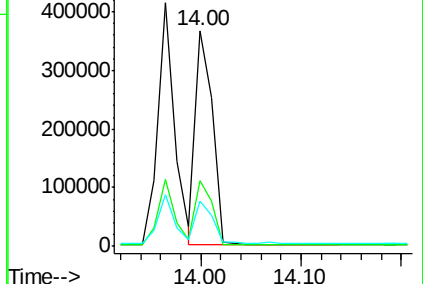
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.13 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:149 Resp: 327643

Ion Ratio Lower Upper

149 100

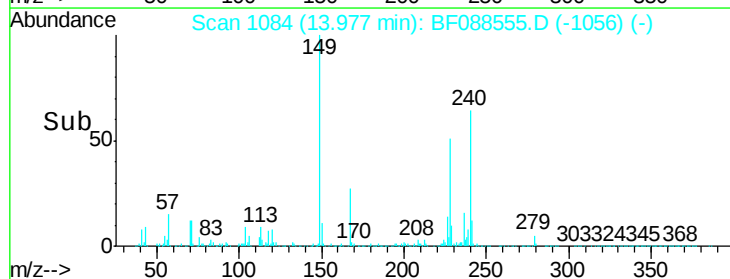
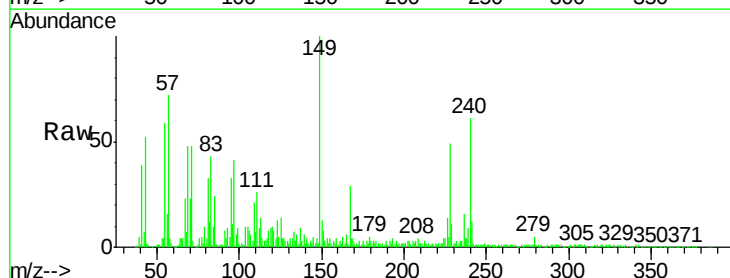
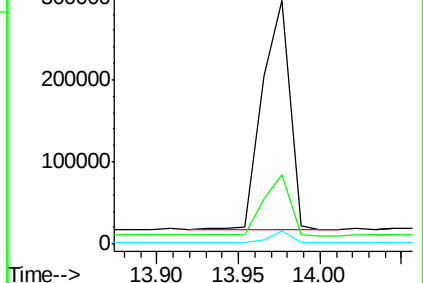
167 28.5 20.5 30.7

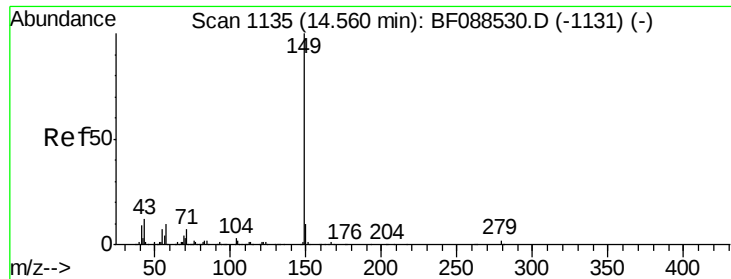
279 5.4 2.0 3.0#

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: 42.29 ng
RT: 14.58 min Scan# 1137
Delta R.T. 0.02 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

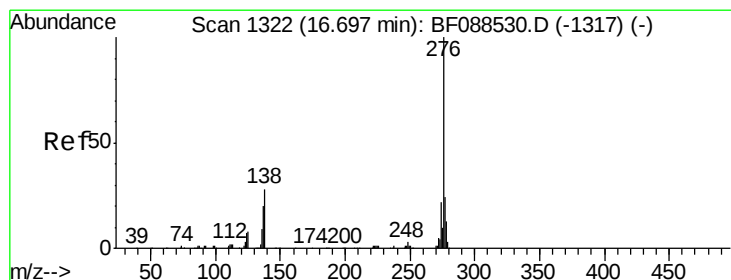
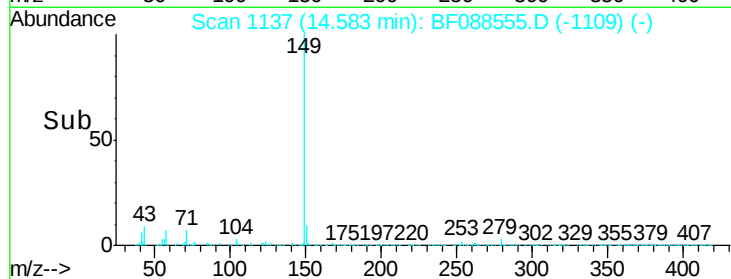
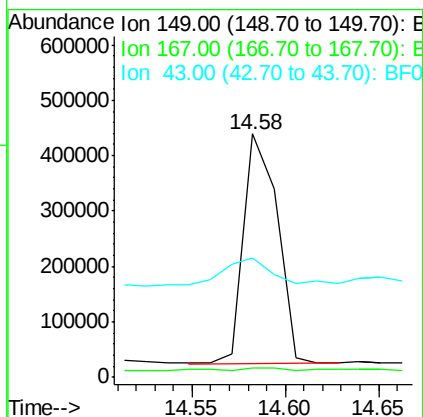
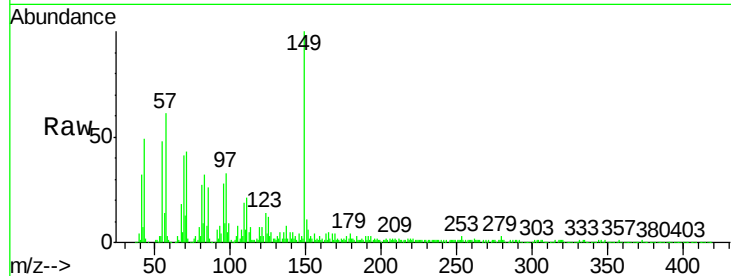
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	521703		
167	1.8	0.0	0.0	0.0
43	20.5	0.0	0.0	0.0

Manual Integrations

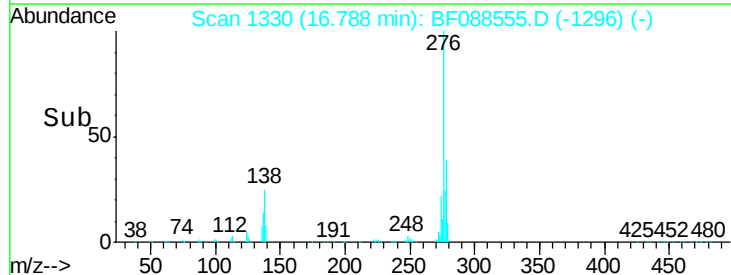
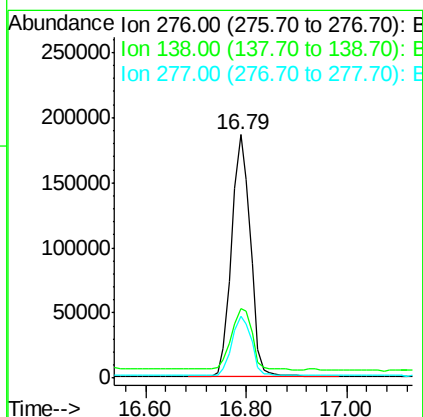
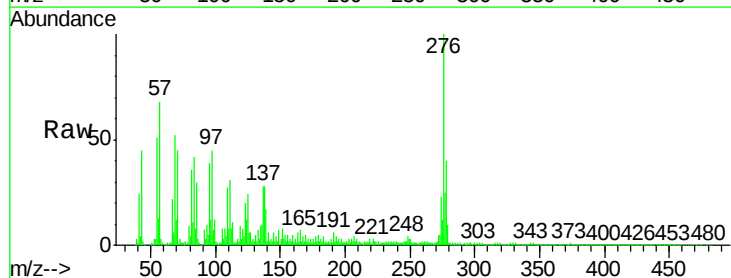
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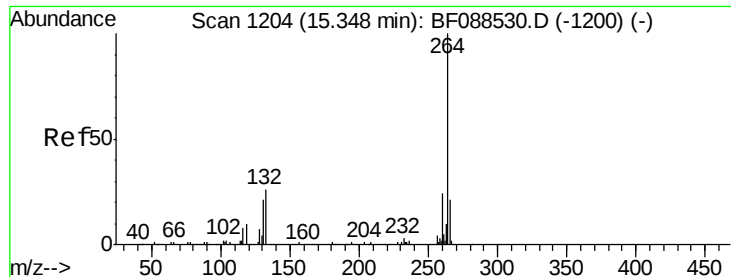
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#85
Indeno(1,2,3-cd)pyrene
Concen: 58.81 ng
RT: 16.79 min Scan# 1330
Delta R.T. 0.09 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	484722		
138	28.3	0.0	0.0	0.0
277	25.7	0.0	0.0	0.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.06 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

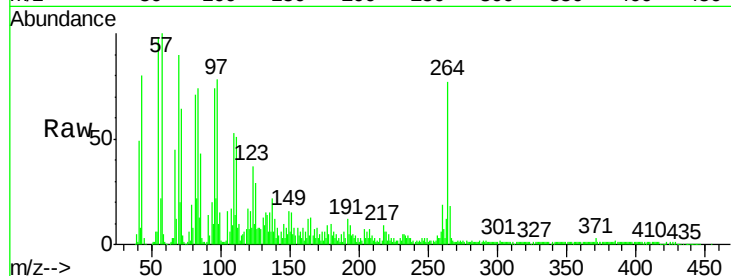
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.2	16.9	25.3

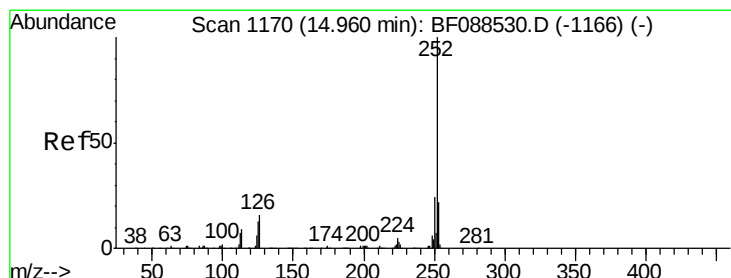
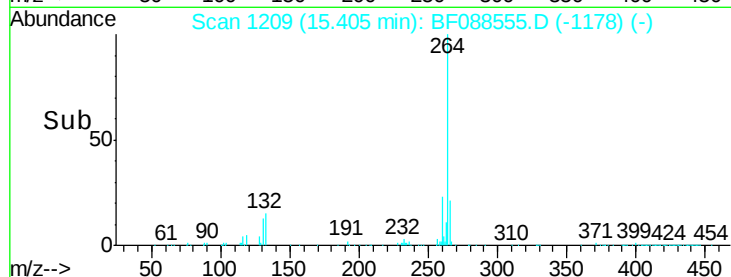
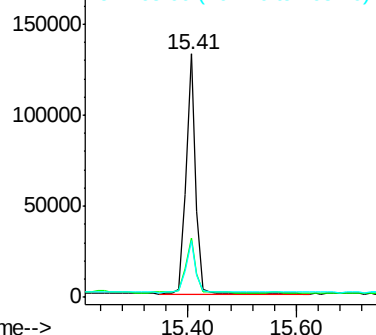
Manual Integrations

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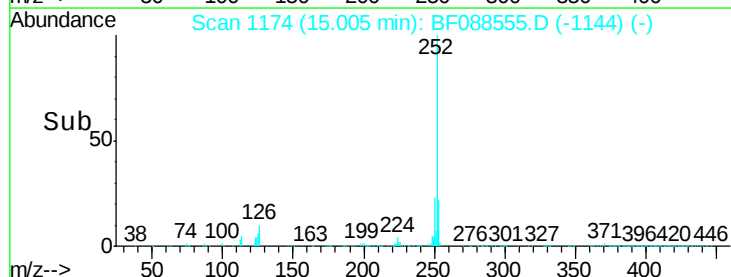
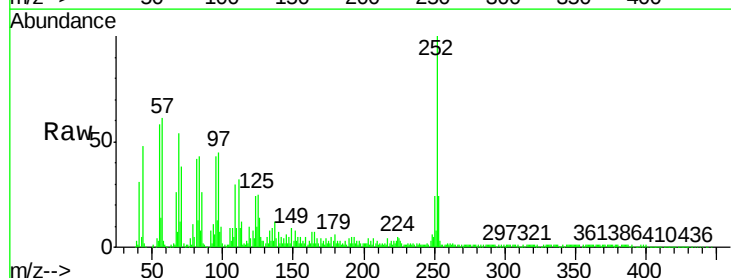
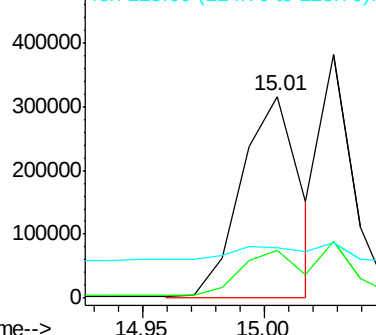
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

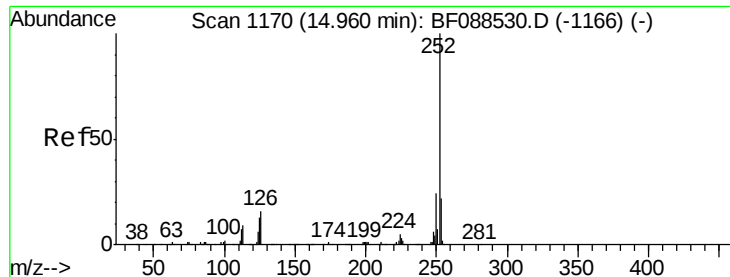


#87
Benzo(b)fluoranthene
Concen: 49.52 ng m
RT: 15.01 min Scan# 1174
Delta R.T. 0.05 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	24.8	7.1	10.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88
Benzo(k)fluoranthene
Concen: 37.91 ng m
RT: 15.03 min Scan# 1176
Delta R.T. 0.05 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

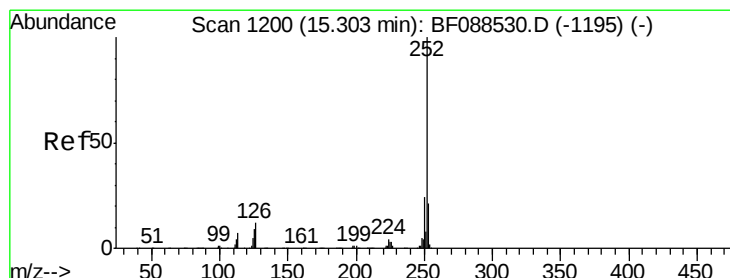
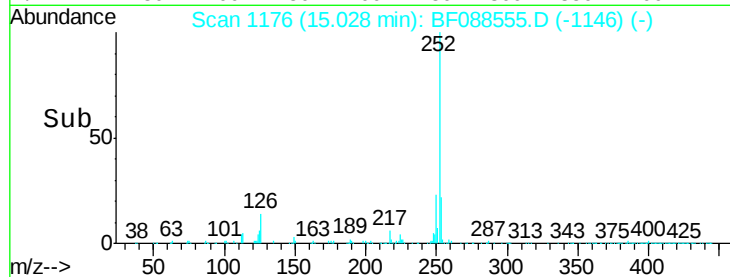
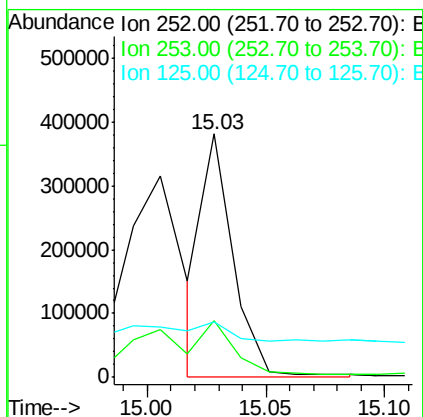
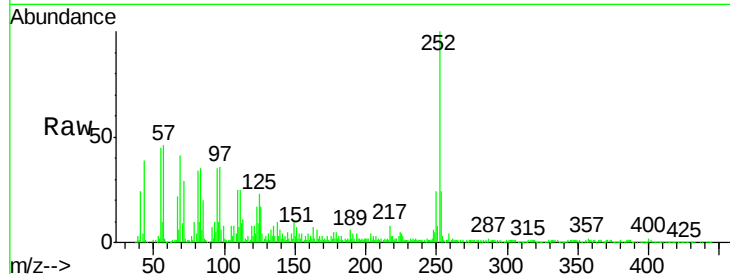
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	22.5	11.2	16.8

Manual Integrations

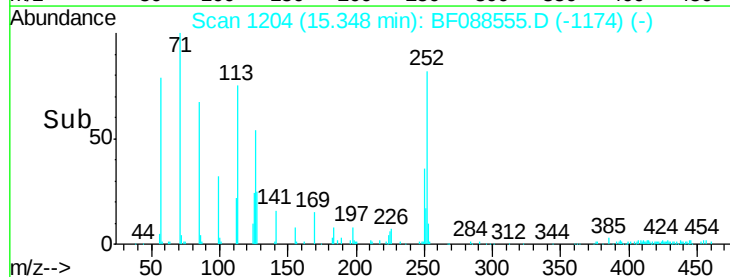
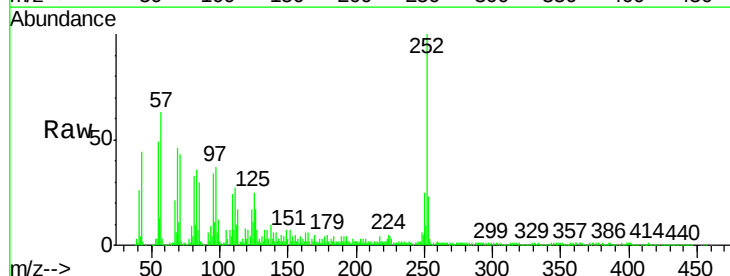
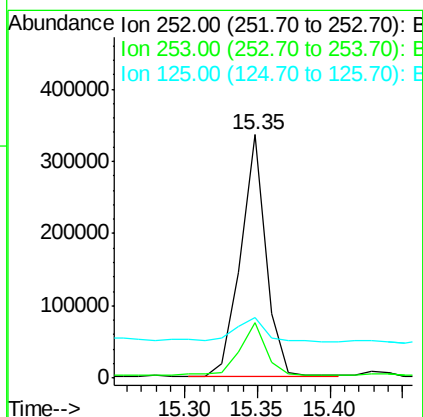
sohil
7/1/2016 6:59:32 PM

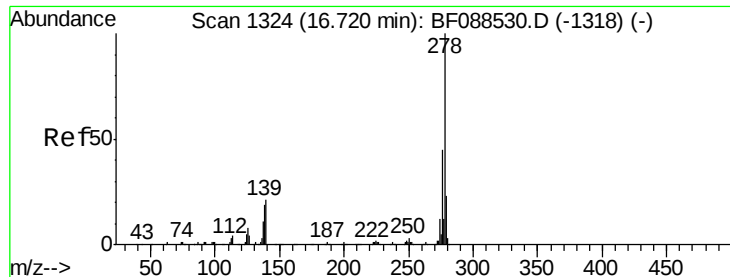
7/1/2016 6:59:32 PM



#89
Benzo(a)pyrene
Concen: 45.07 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.05 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	25.1	12.5	18.7





#90
Dibenzo(a,h)anthracene
Concen: 53.48 ng
RT: 16.81 min Scan# 1332
Delta R.T. 0.09 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

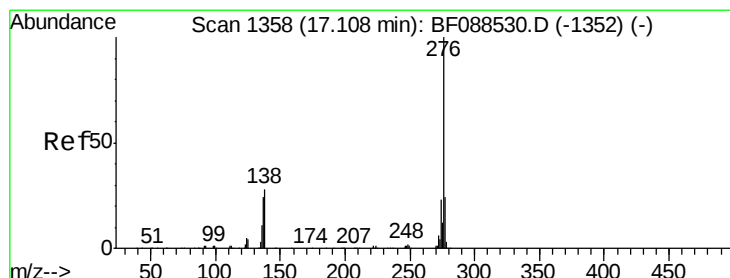
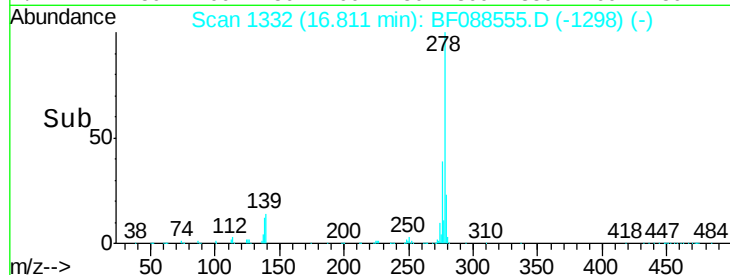
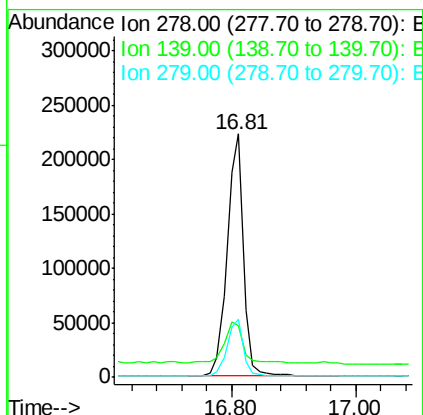
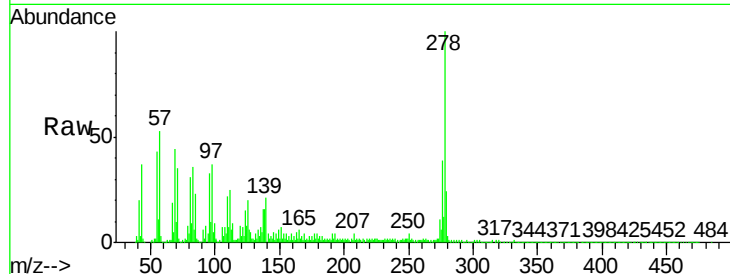
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.7	23.5
279	23.8	19.4	29.2

Manual Integrations

sohil
7/1/2016 6:59:32 PM

7/1/2016 6:59:32 PM



#91
Benzo(g,h,i)perylene
Concen: 52.33 ng
RT: 17.20 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	27.6	21.4	32.2

