

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088912.D
 Acq On : 11 Jul 2016 21:22
 Operator : UM/SJ
 Sample : H3921-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N8-B1(0-5)C

Manual Integrations

sohil
 7/12/2016 7:35:58 PM

Quant Time: Jul 12 03:12:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	67332	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	280233	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	115145	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	183520	20.00	ng	0.00
75) Chrysene-d12	13.84	240	133112	20.00	ng	-0.01
86) Perylene-d12	15.21	264	117242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	517172	115.11	ng	0.02
7) Phenol-d6	6.35	99	608178	104.77	ng	0.00
23) Nitrobenzene-d5	7.28	82	409705	76.62	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	115299	107.83	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	597004	81.90	ng	0.00
78) Terphenyl-d14	12.80	244	427183	71.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	227	0.10	ng	# 87
6) Aniline	6.48	93	501	0.06	ng	# 1
9) Benzaldehyde	6.35	77	846	0.22	ng	# 1
10) Phenol	6.36	94	5714	0.86	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	501	0.10	ng	# 1
15) Benzyl Alcohol	6.87	79	7332	1.72	ng	# 44
17) 2-Methylphenol	6.86	107	274	0.07	ng	# 1
22) Acetophenone	7.12	105	364	0.05	ng	# 57
24) Nitrobenzene	7.28	77	1254	0.23	ng	# 28
27) 2,4-Dimethylphenol	7.72	122	5589	1.21	ng	# 7
31) Naphthalene	8.02	128	2099	0.15	ng	# 68
32) Benzoic acid	7.72	122	5589	1.67	ng	# 98
37) 2-Methylnaphthalene	8.71	142	1034	0.12	ng	# 85
45) 1,1'-Biphenyl	9.07	154	887	0.09	ng	# 1
47) 2-Nitroaniline	9.46	65	1027	0.39	ng	# 1
48) Acenaphthylene	9.60	152	4334	0.36	ng	# 98
49) Dimethylphthalate	9.47	163	94349	11.50	ng	# 98
50) 2,6-Dinitrotoluene	9.47	165	993	0.55	ng	# 16
51) Acenaphthene	9.77	154	1312	0.18	ng	# 96
54) Dibenzofuran	9.94	168	1074	0.11	ng	# 77
55) 4-Nitrophenol	9.94	139	265	0.15	ng	# 5
57) Fluorene	10.28	166	1334	0.18	ng	# 93
62) Azobenzene	10.52	77	590	0.06	ng	# 10
65) n-Nitrosodiphenylamine	10.52	169	4062	0.65	ng	# 41
70) Phenanthrene	11.24	178	23845	2.38	ng	# 99
71) Anthracene	11.29	178	7172	0.72	ng	# 98
72) Carbazole	11.45	167	2796	0.30	ng	# 97
73) Di-n-butylphthalate	11.79	149	2767	0.25	ng	# 90
74) Fluoranthene	12.42	202	52608	5.17	ng	# 99
76) Benzidine	12.69	184	929	0.14	ng	# 1
77) Pyrene	12.65	202	52662	4.67	ng	# 97
79) Butylbenzylphthalate	13.28	149	1563	0.31	ng	# 61
80) Benzo(a)anthracene	13.83	228	30610	3.57	ng	# 93
81) 3,3'-Dichlorobenzidine	13.89	252	264	0.08	ng	# 37

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	13.86	228	23042m	2.72	nq	
83) Bis(2-ethylhexyl)phthalate	13.84	149	15174	2.64	nq	# 98
84) Di-n-octyl phthalate	14.49	149	9592	0.98	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	14280	2.19	nq	# 100
87) Benzo(b)fluoranthene	14.83	252	31394m	4.27	nq	
88) Benzo(k)fluoranthene	14.85	252	14067m	2.20	nq	
89) Benzo(a)pyrene	15.15	252	21331m	3.43	nq	
90) Dibenzo(a,h)anthracene	16.50	278	4317	0.83	nq	# 80
91) Benzo(g,h,i)perylene	16.88	276	12809	2.38	nq	96

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

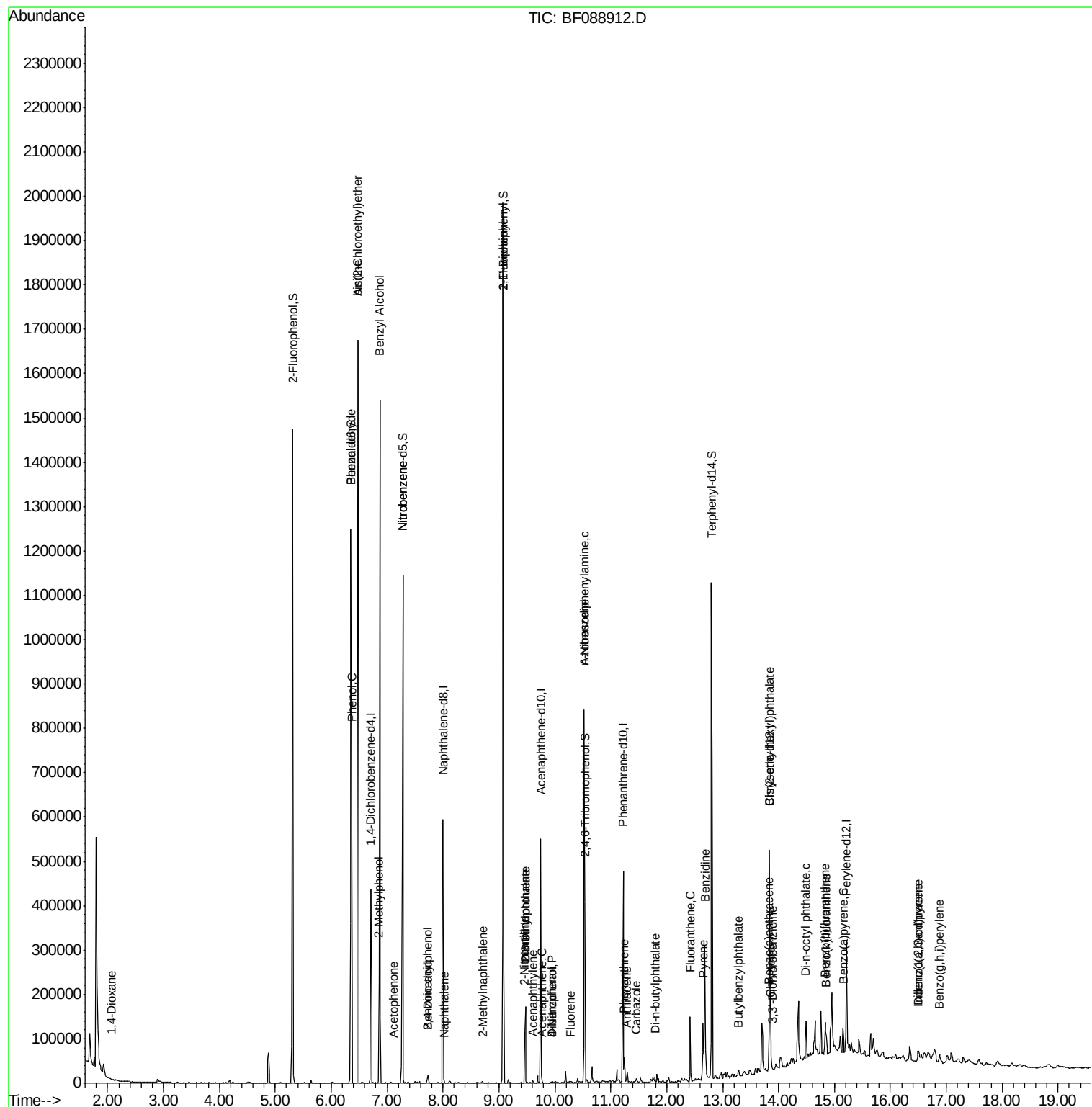
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088912.D
Acq On : 11 Jul 2016 21:22
Operator : UM/SJ
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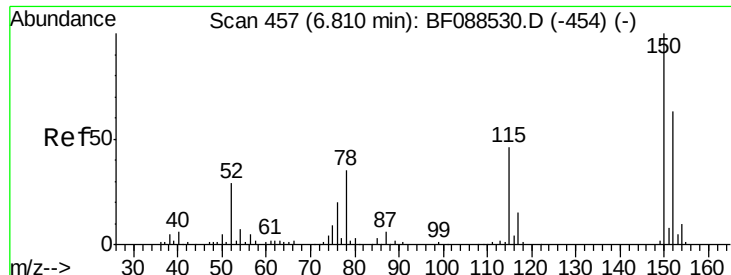
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C

Tot Ion:152 Resp: 67332

Ion Ratio Lower Upper

152 100

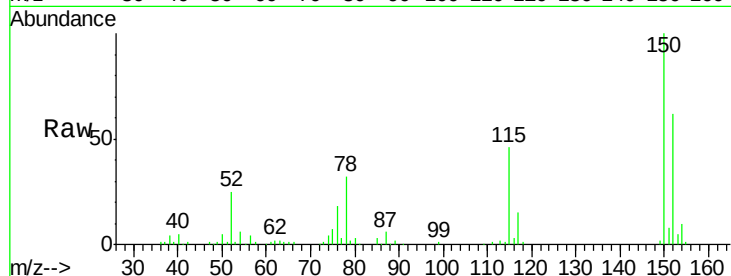
150 162.3 123.8 185.6

115 74.4 39.6 59.4#

Manual Integrations

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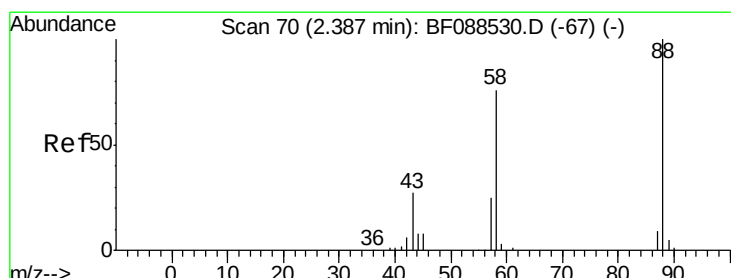
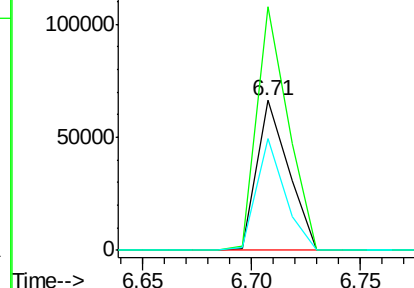
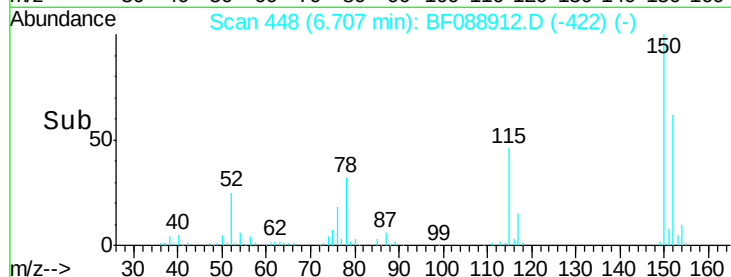
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.10 ng

RT: 2.07 min Scan# 42

Delta R.T. -0.15 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

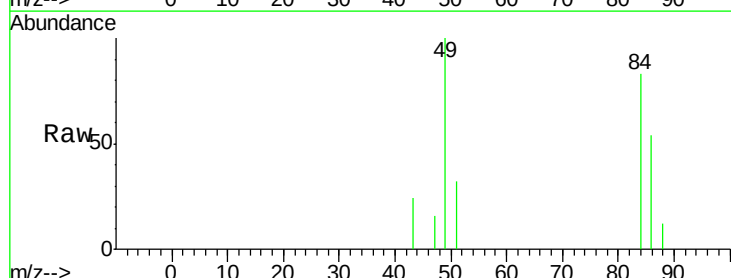
Tgt Ion: 88 Resp: 227

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

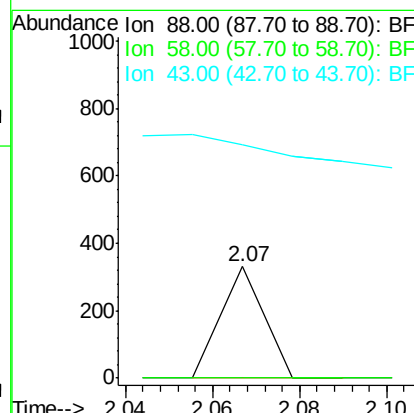
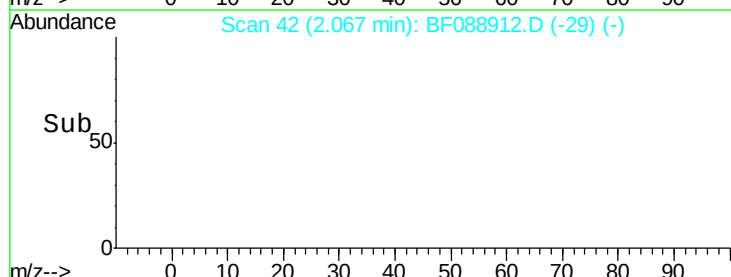
43 0.0 3.4 5.2#

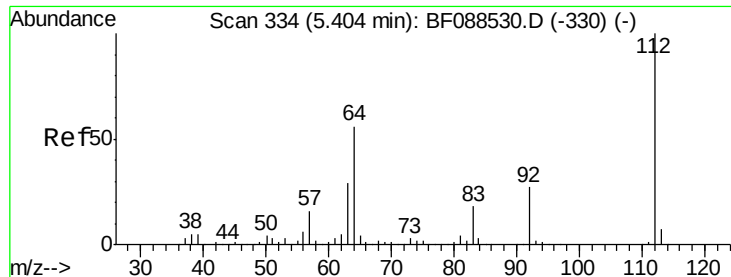


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 115.11 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.02 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

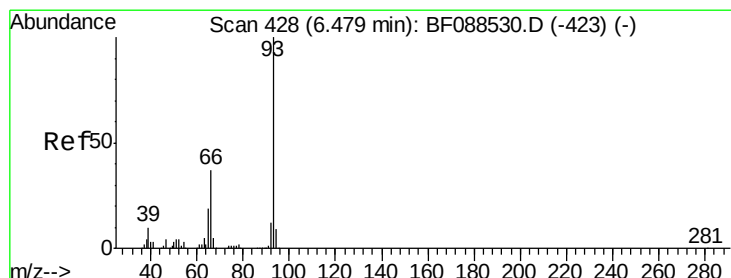
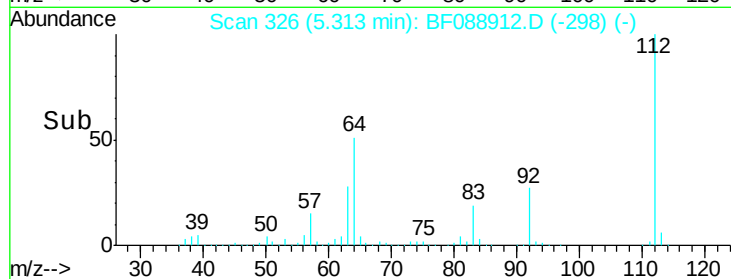
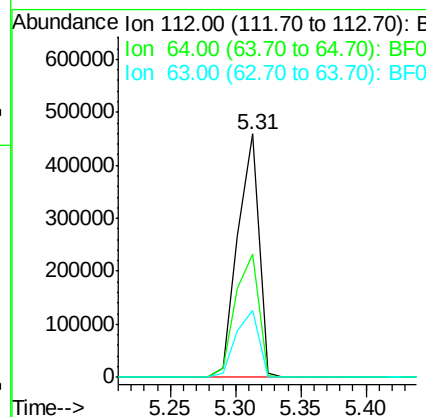
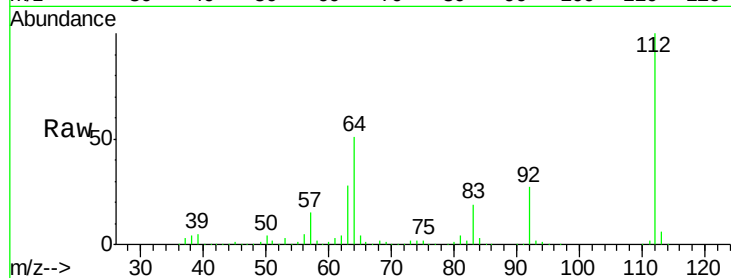
N8-B1(0-5)C

Tot Ion:	112	Resp:	517172
Ion Ratio	Lower	Upper	
112	100		
64	50.9	42.2	63.2
63	27.5	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 0.06 ng

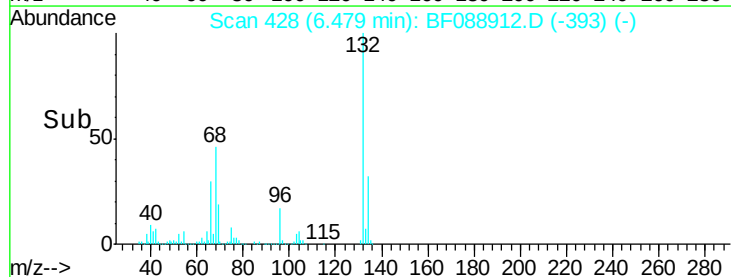
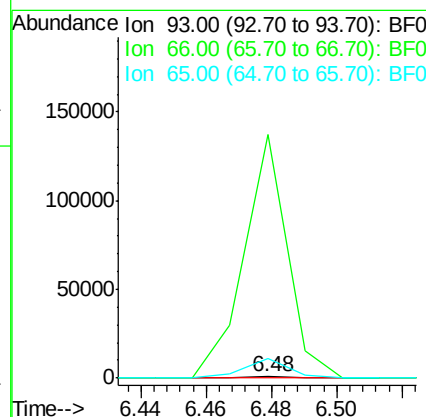
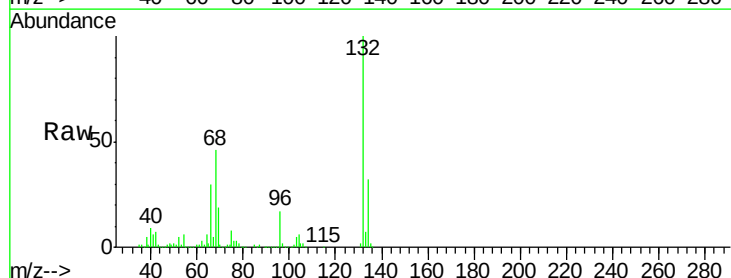
RT: 6.48 min Scan# 428

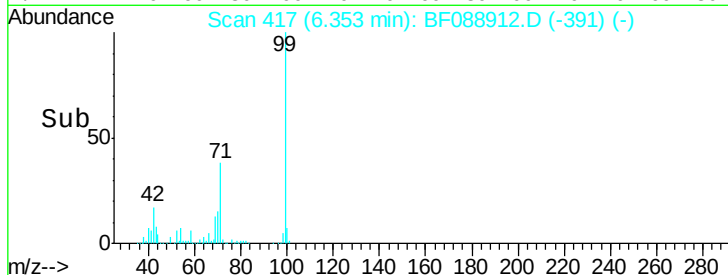
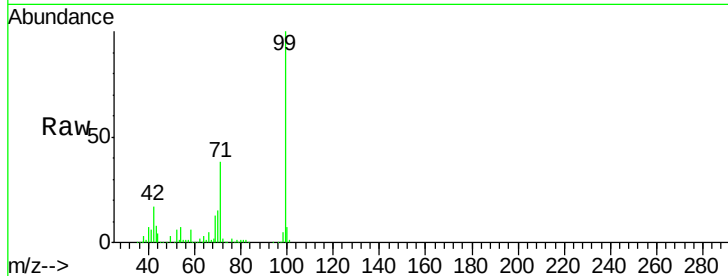
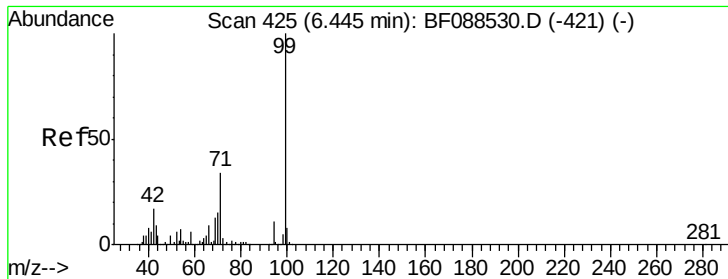
Delta R.T. 0.10 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Tgt Ion:	93	Resp:	501
Ion Ratio	Lower	Upper	
93	100		
66	18805.5	29.8	44.8#
65	1544.1	14.9	22.3#





#7

Phenol-d6

Concen: 104.77 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Tot Ion:	99	Resp:	608178
Ion Ratio	Lower	Upper	
99	100		
42	17.5	12.2	18.2
71	38.3	23.4	35.0#

Instrument :

BNA_F

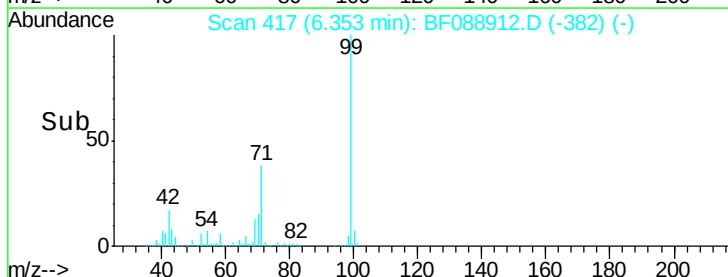
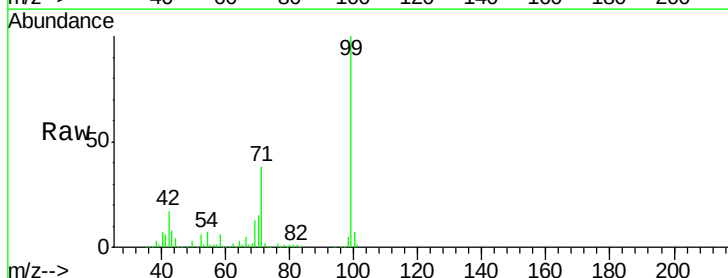
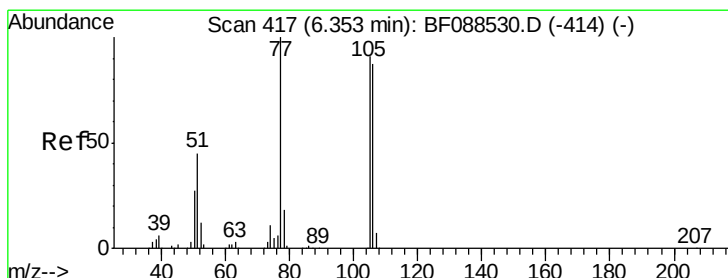
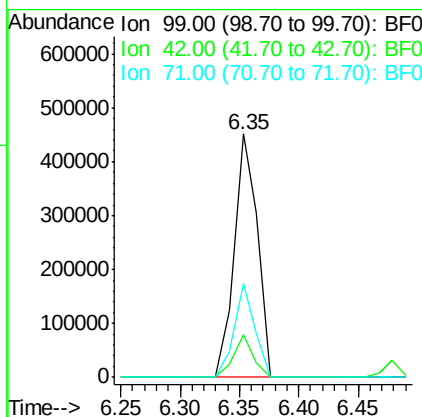
ClientSampleId :

N8-B1(0-5)C

Manual Integrations

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#9

Benzaldehyde

Concen: 0.22 ng

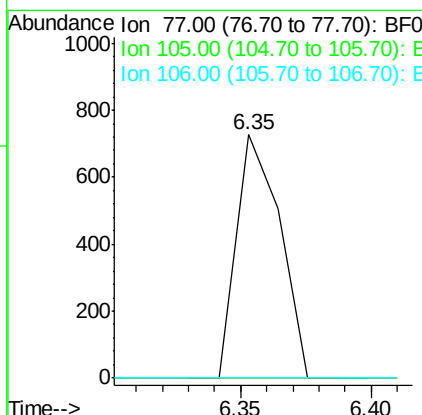
RT: 6.35 min Scan# 417

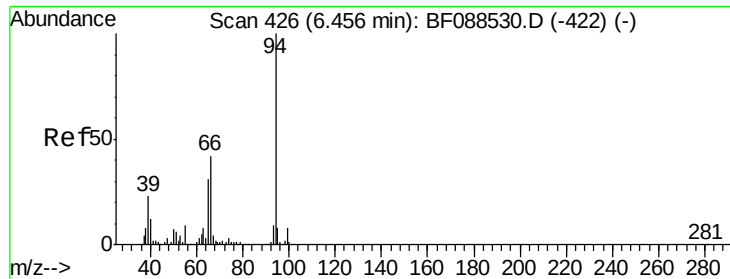
Delta R.T. 0.10 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Tgt Ion:	77	Resp:	846
Ion Ratio	Lower	Upper	
77	100		
105	0.0	90.6	130.6#
106	0.0	85.3	125.3#





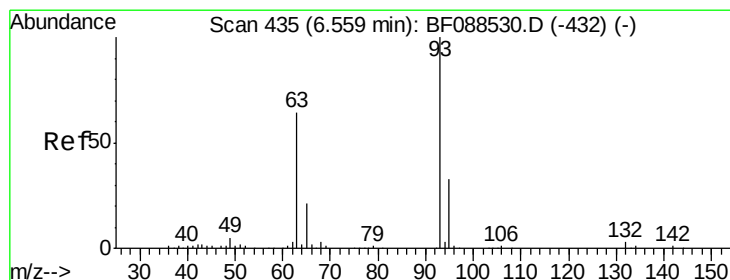
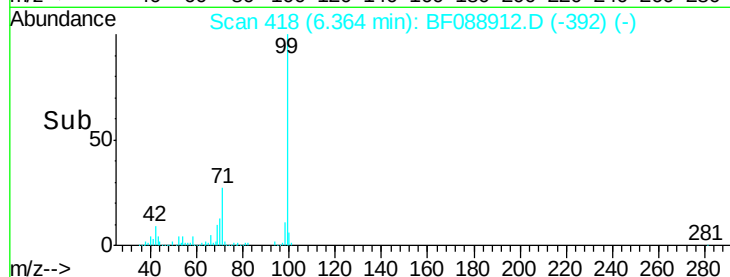
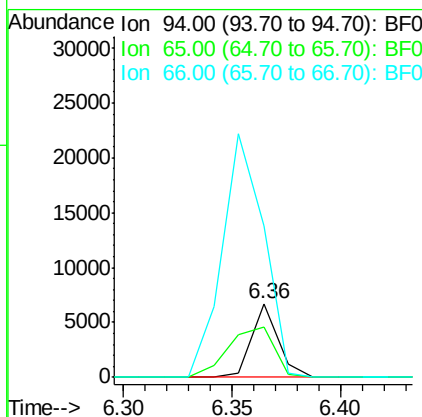
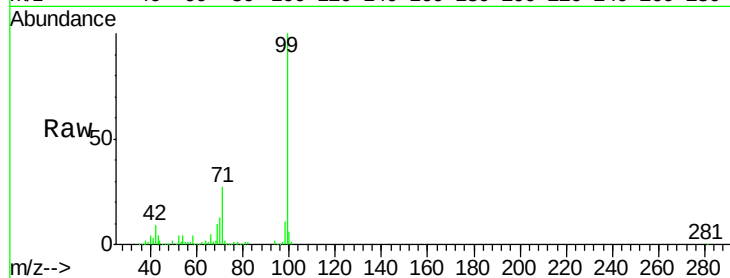
#10
Phenol
Concen: 0.86 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
94	100		
65	67.5	5.9	45.9#
66	205.7	14.0	54.0#

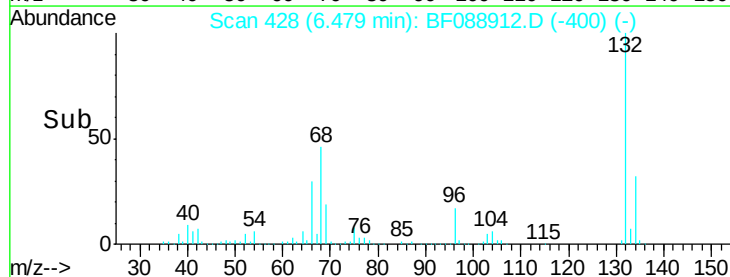
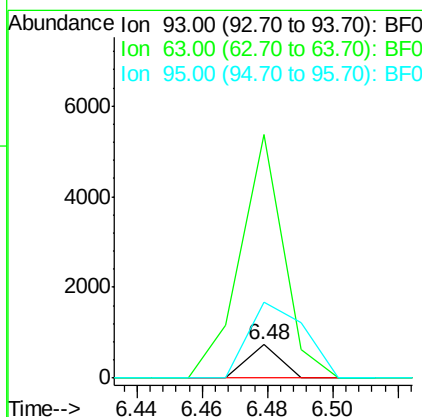
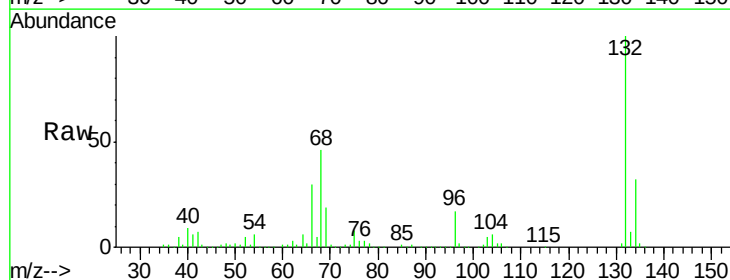
Manual Integrations

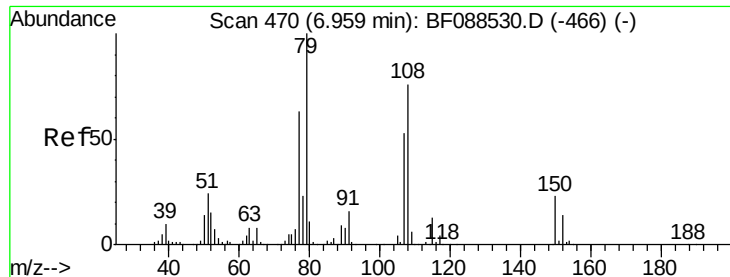
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#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
93	100		
63	735.8	67.6	107.6#
95	228.2	12.5	52.5#





#15

Benzyl Alcohol

Concen: 1.72 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C

Tot Ion: 79 Resp: 7332

Ion Ratio Lower Upper

79 100

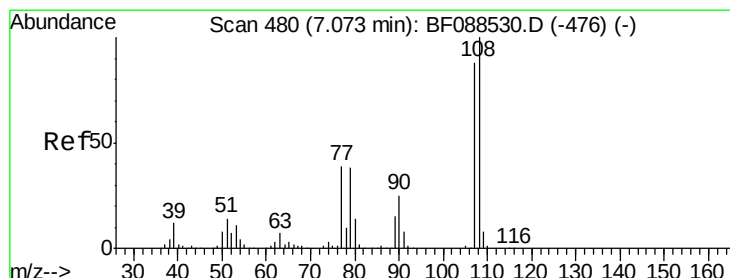
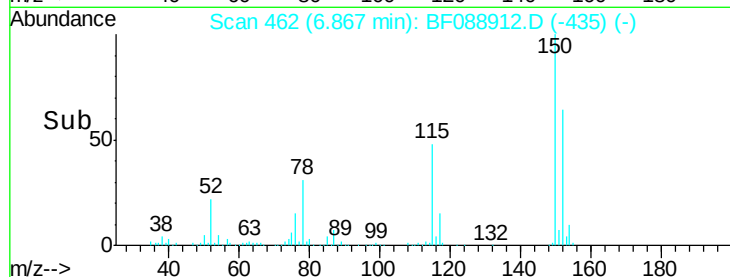
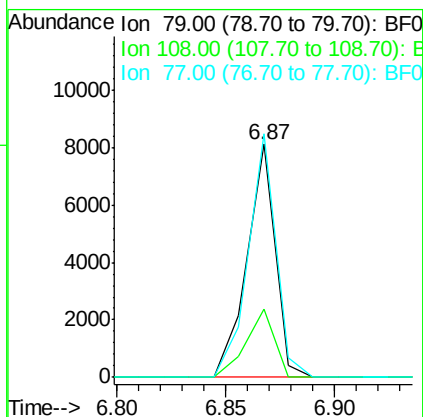
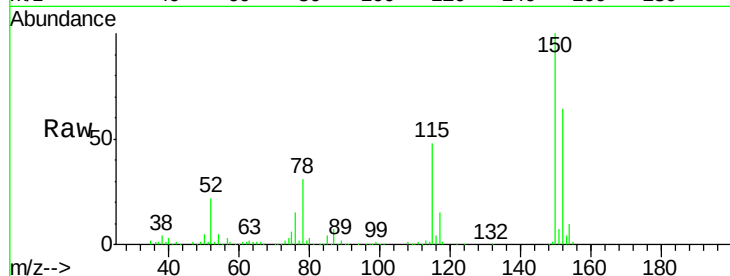
108 29.5 65.0 97.6#

77 104.4 50.3 75.5#

Manual Integrations

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#17

2-Methylphenol

Concen: 0.07 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.13 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Tgt Ion: 107 Resp: 274

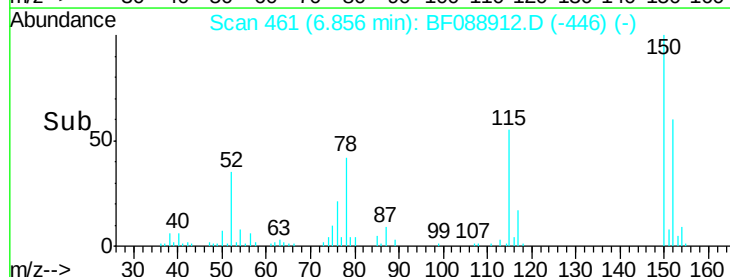
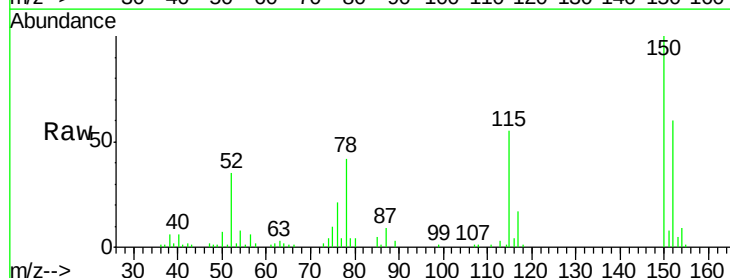
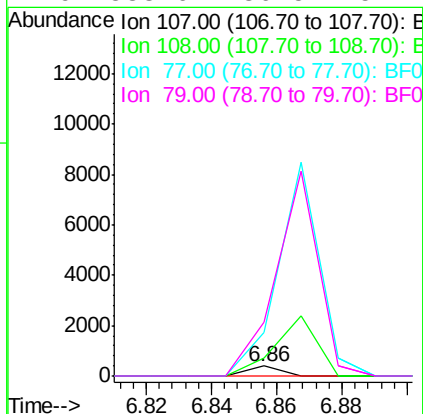
Ion Ratio Lower Upper

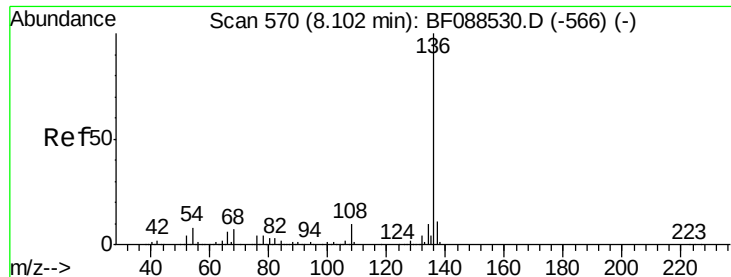
107 100

108 181.5 90.9 136.3#

77 434.3 36.6 55.0#

79 538.6 36.5 54.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF088912.D

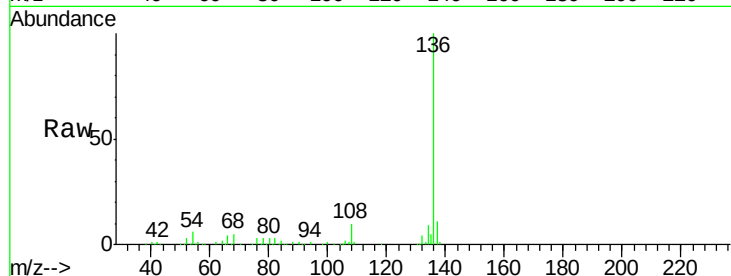
Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C



Tot Ion:136 Resp: 280233

Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

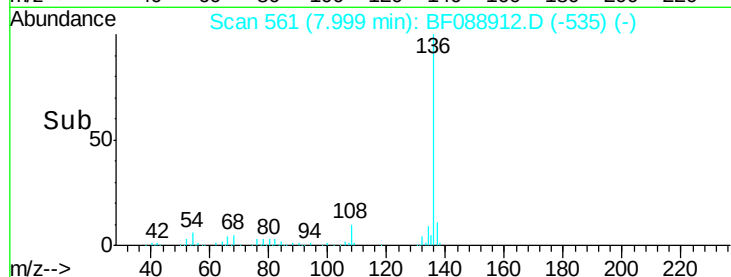
54 5.5 6.6 10.0#

68 4.8 5.1 7.7#

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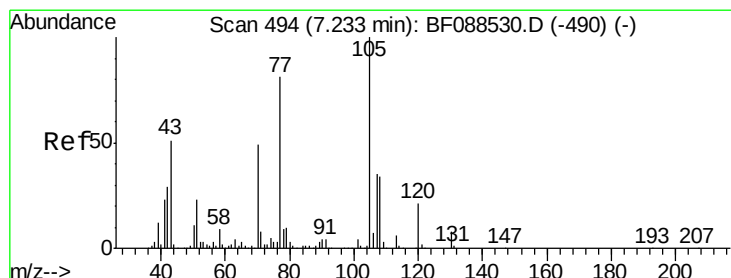
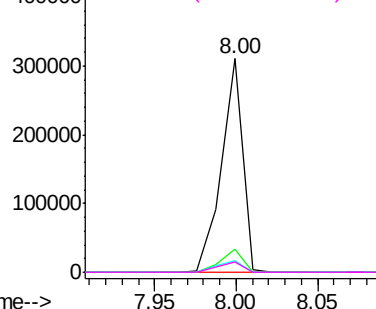


Abundance Ion 136.00 (135.70 to 136.70): E

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

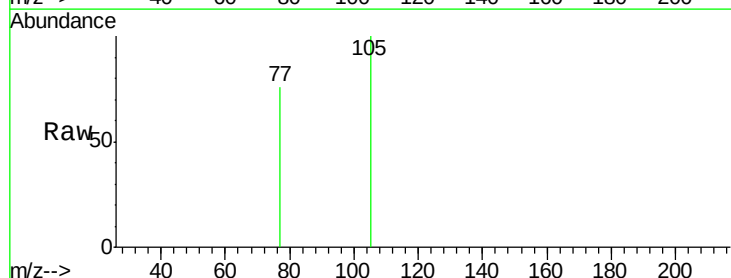
Concen: 0.05 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22



Tgt Ion:105 Resp: 364

Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 0.0 18.2 27.4#

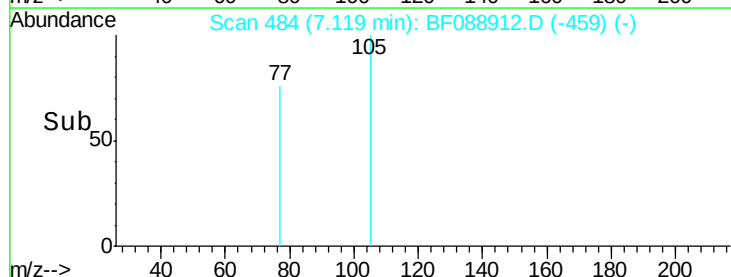
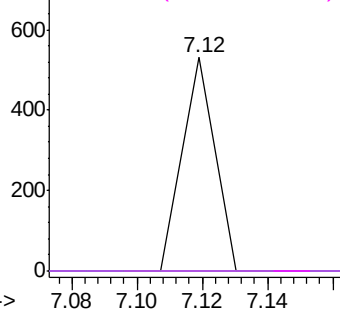
120 0.0 18.0 27.0#

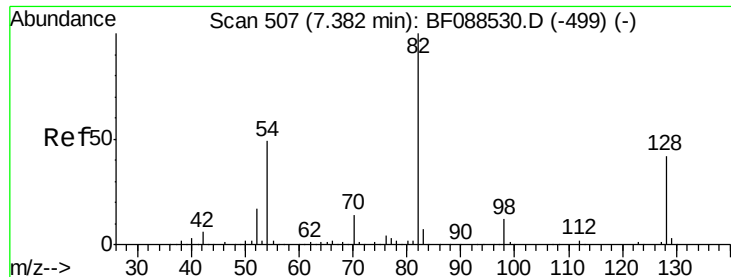
Abundance Ion 105.00 (104.70 to 105.70): E

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





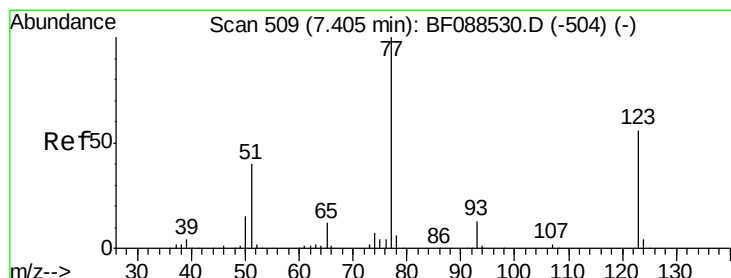
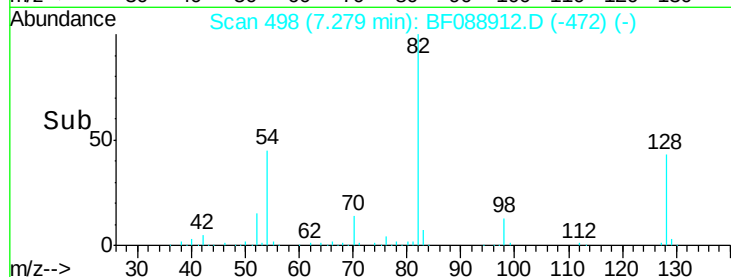
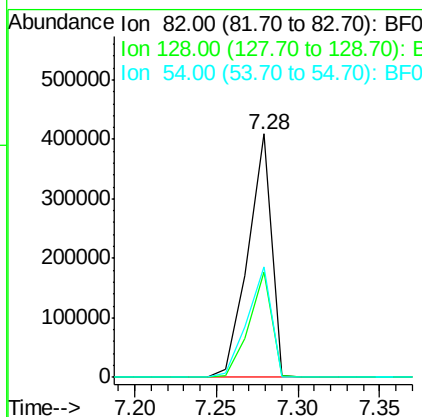
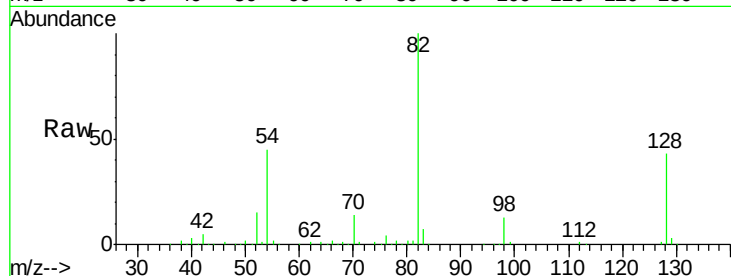
#23
 Nitrobenzene-d5
 Concen: 76.62 ng
 RT: 7.28 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Instrument :
 BNA_F
 ClientSampled :
 N8-B1(0-5)C

Tot Ion	82	Resp	409705
Ion Ratio	100	Lower	Upper
82	100		
128	43.3	35.9	53.9
54	45.5	40.9	61.3

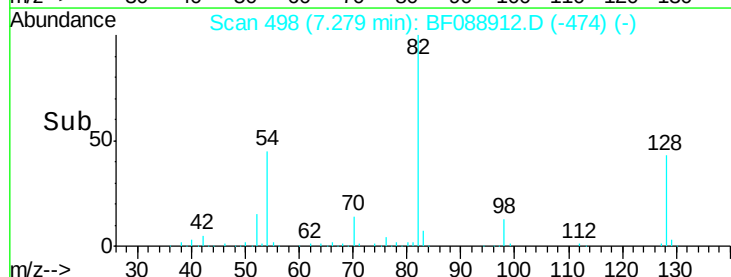
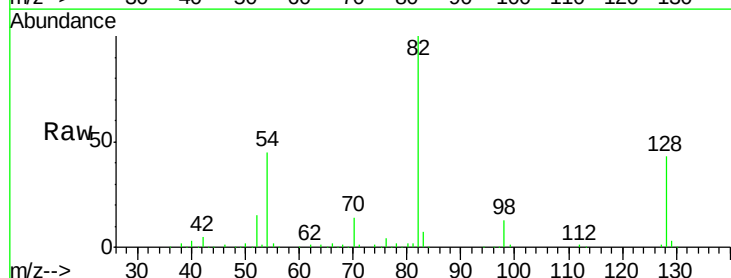
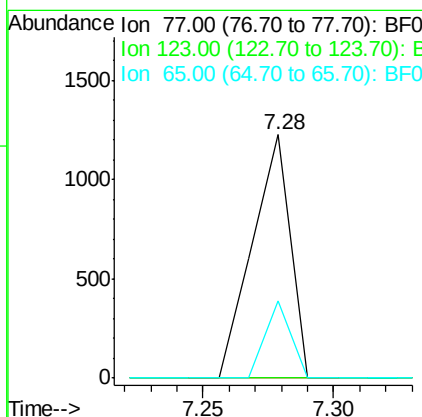
Manual Integrations

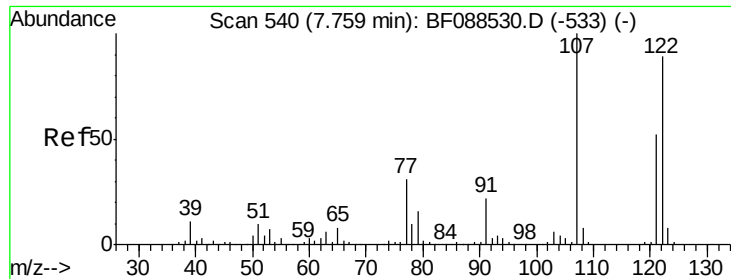
sohil
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#24
 Nitrobenzene
 Concen: 0.23 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Tgt Ion	77	Resp	1254
Ion Ratio	100	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	31.9	10.2	15.2#





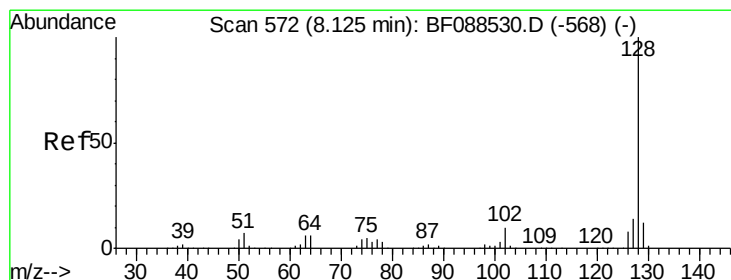
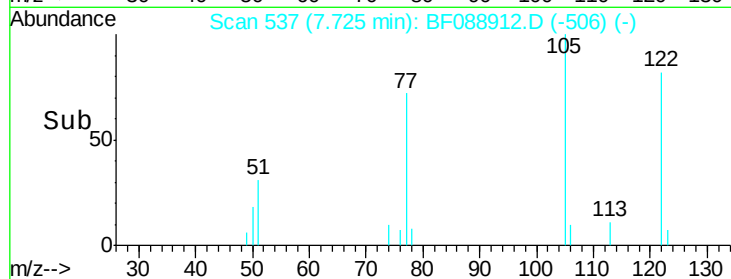
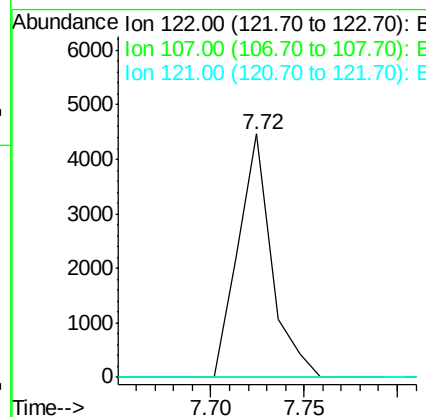
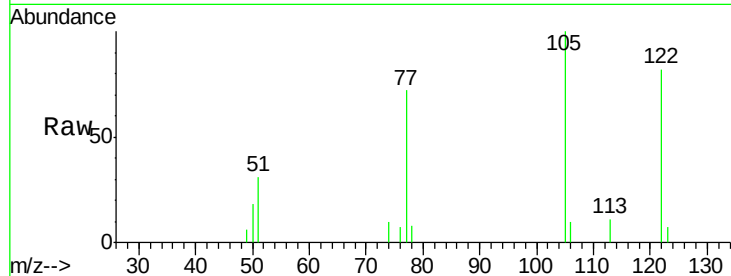
#27
 2,4-Dimethylphenol
 Concen: 1.21 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.06 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 N8-B1(0-5)C

Tot Ion:	122	Resp:	5589
Ion Ratio	Lower	Upper	
122	100		
107	0.0	82.4	123.6#
121	0.0	46.3	69.5#

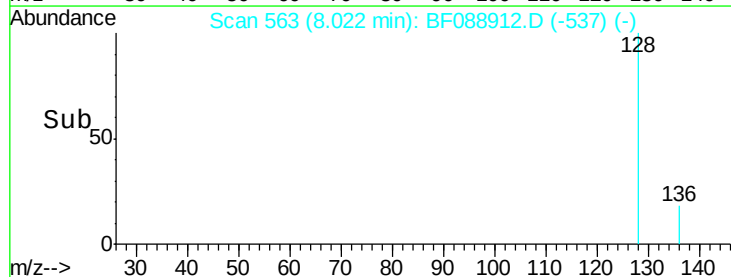
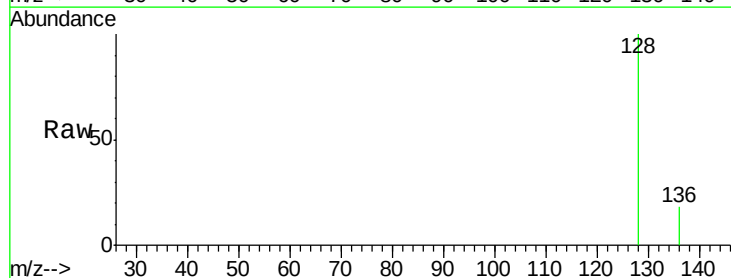
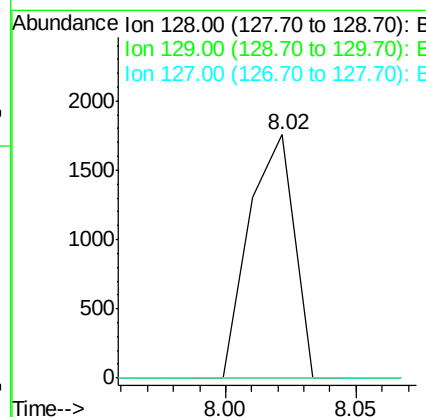
Manual Integrations

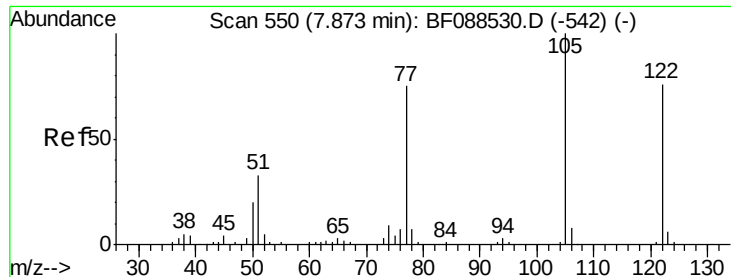
sohil
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#31
 Naphthalene
 Concen: 0.15 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Tgt Ion:	128	Resp:	2099
Ion Ratio	Lower	Upper	
128	100		
129	0.0	9.4	14.2#
127	0.0	10.9	16.3#





#32

Benzoic acid

Concen: 1.67 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.08 min

Lab File: BF088912.D

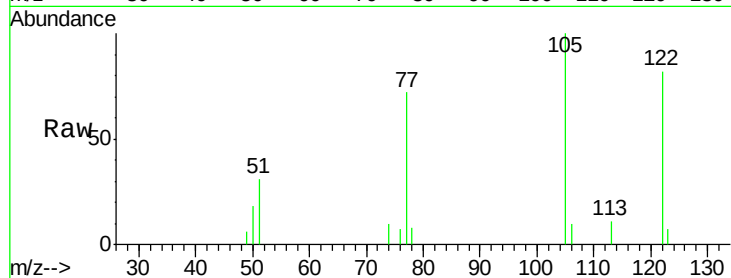
Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C



Tot Ion:122 Resp: 5589

Ion Ratio Lower Upper

122 100

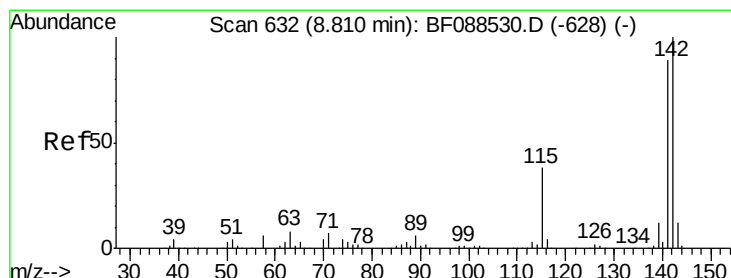
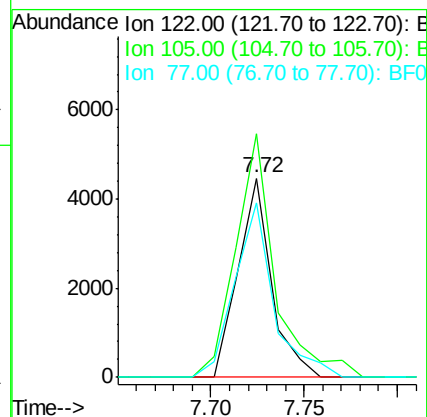
105 122.3 101.6 141.6

77 87.6 70.6 110.6

Manual Integrations

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#37

2-Methylnaphthalene

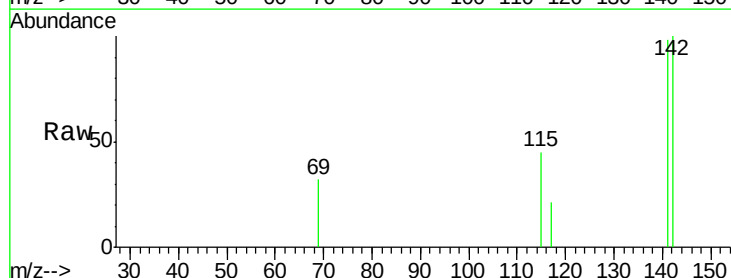
Concen: 0.12 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22



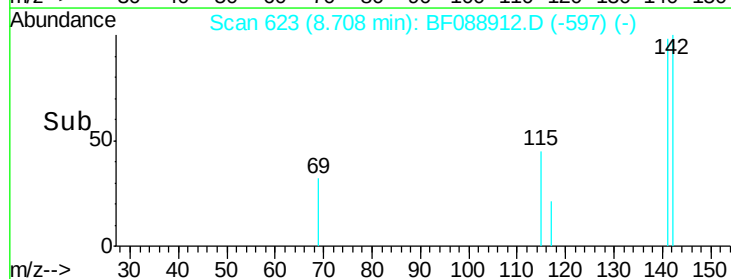
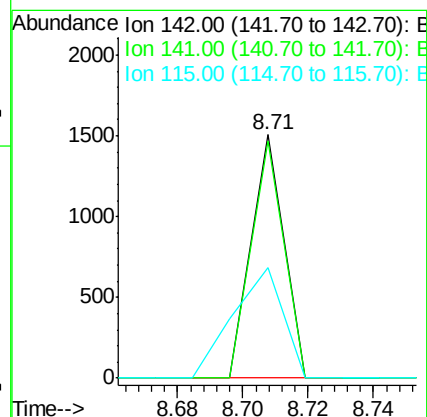
Tgt Ion:142 Resp: 1034

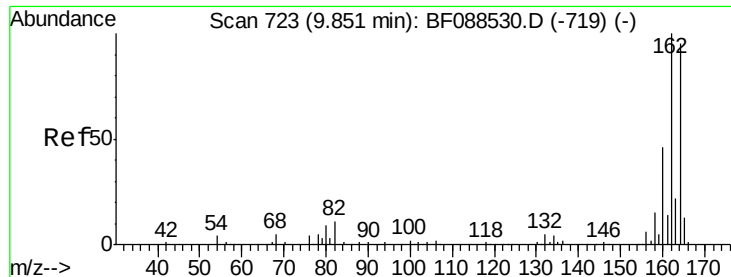
Ion Ratio Lower Upper

142 100

141 97.6 71.0 106.6

115 45.3 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C

Tot Ion:164 Resp: 115145

Ion Ratio Lower Upper

164 100

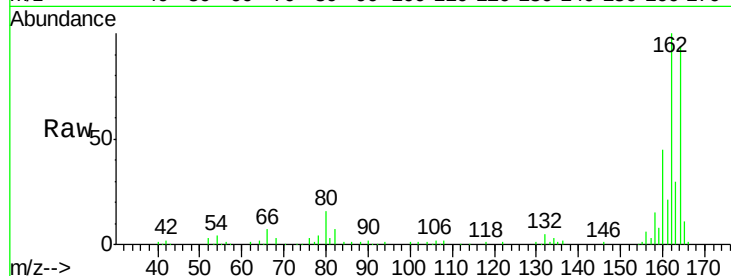
162 105.9 85.4 128.2

160 47.3 39.5 59.3

Manual Integrations

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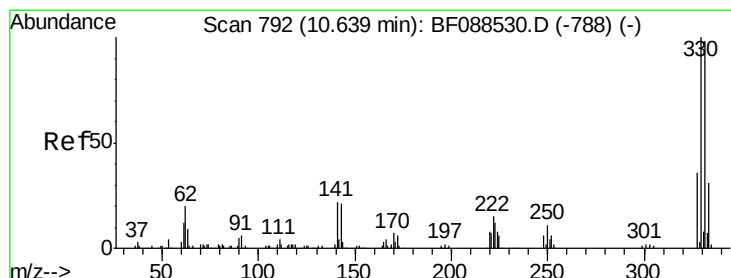
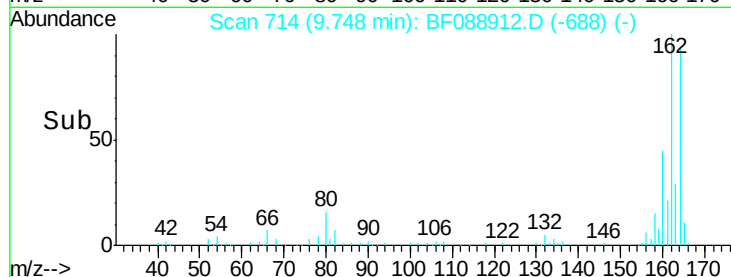
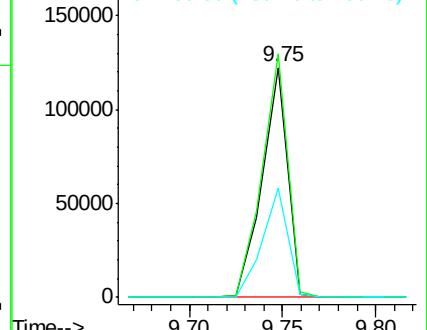
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 107.83 ng

RT: 10.54 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

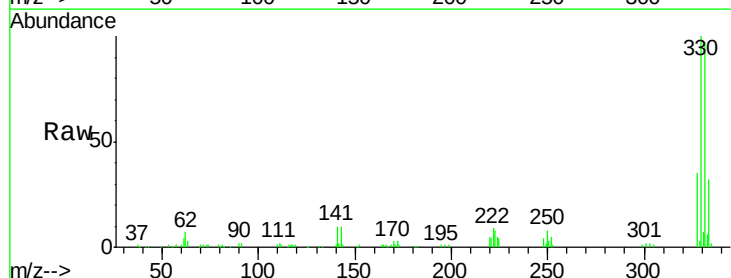
Tgt Ion:330 Resp: 115299

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

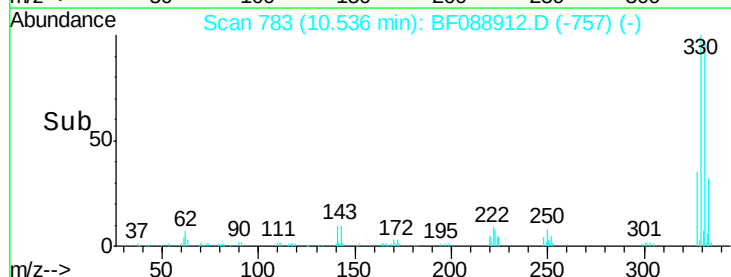
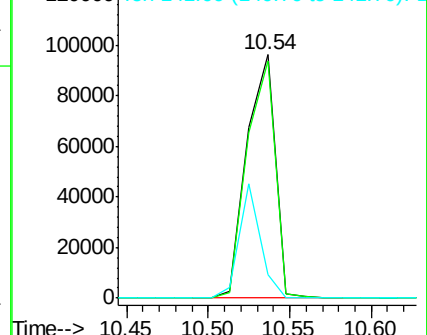
141 35.3 0.0 0.0#

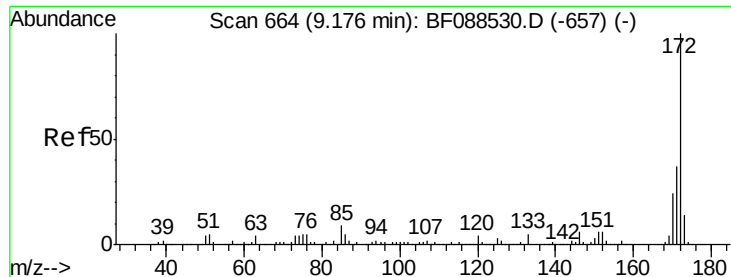


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





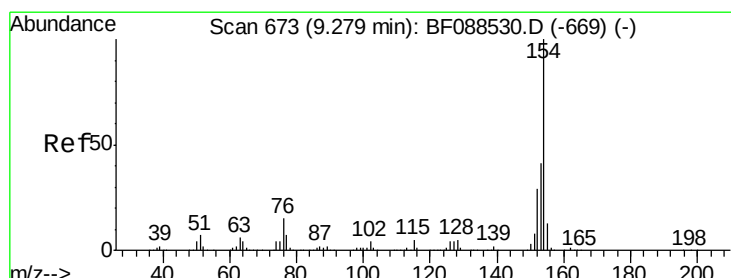
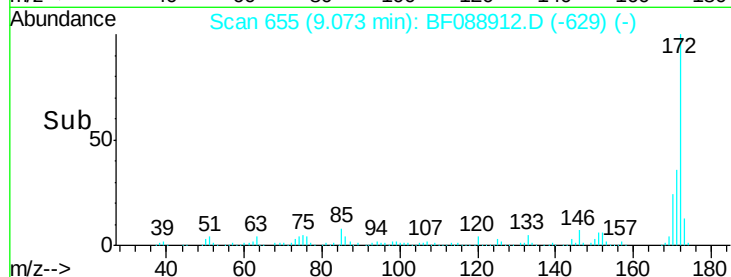
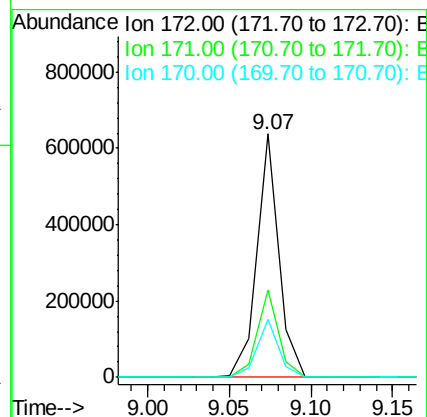
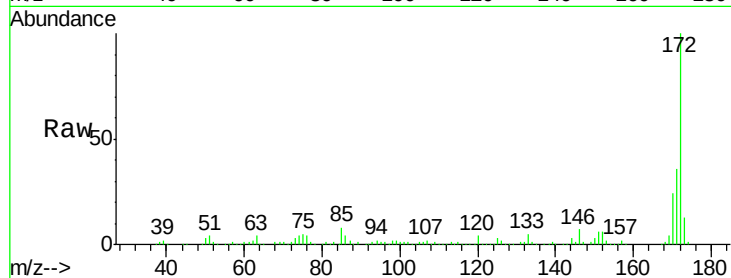
#44
2-Fluorobiphenyl
Concen: 81.90 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.6	19.2	28.8

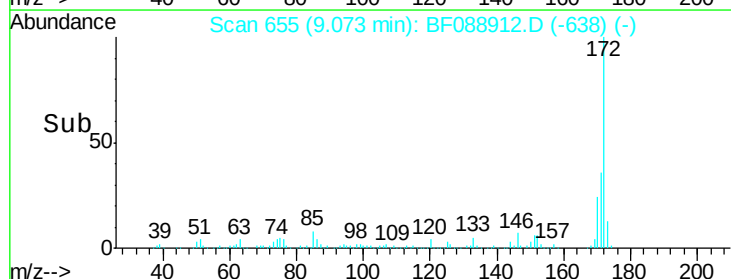
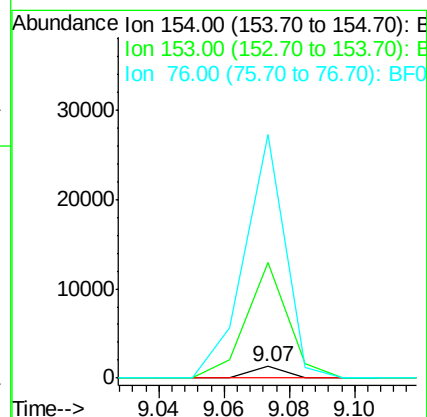
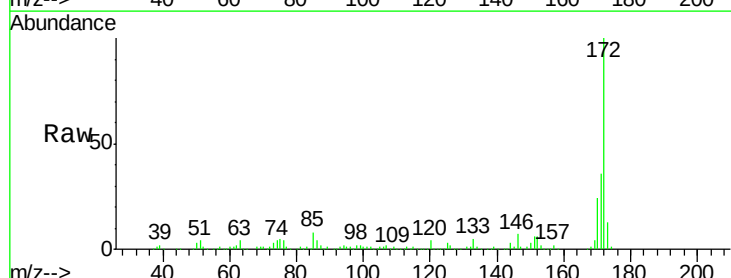
Manual Integrations

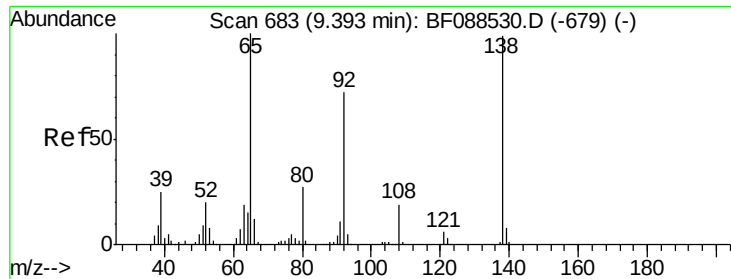
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#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.10 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	1002.5	20.6	60.6#
76	2107.0	0.0	35.1#





#47

2-Nitroaniline

Concen: 0.39 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.17 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C

Tot Ion: 65 Resp: 1027

Ion Ratio Lower Upper

65 100

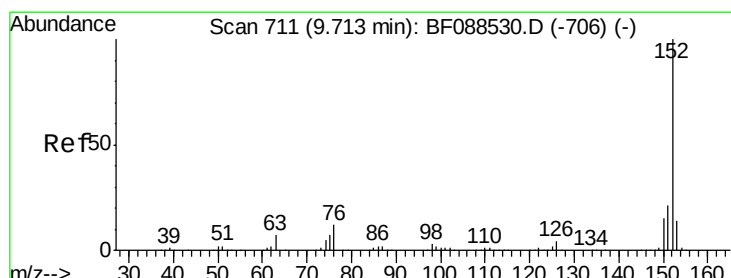
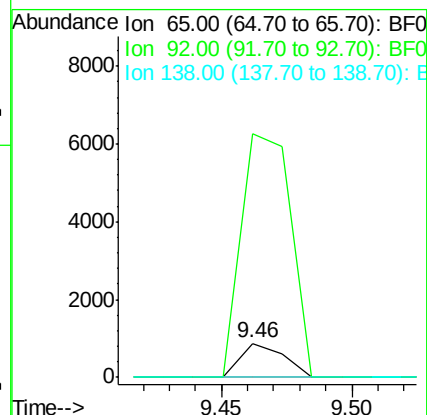
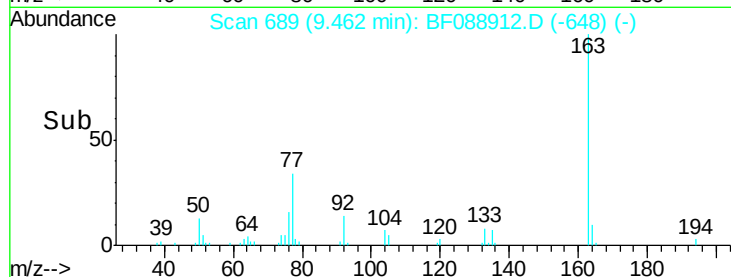
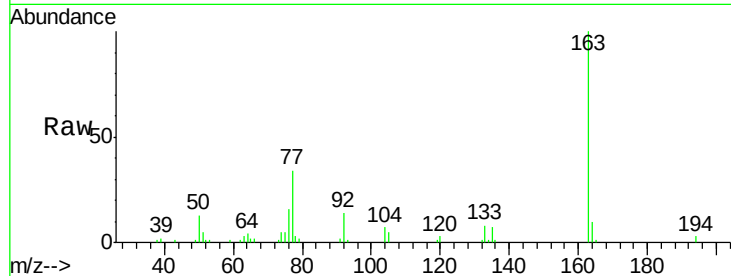
92 712.9 54.6 82.0#

138 0.0 77.0 115.4#

Manual Integrations

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#48

Acenaphthylene

Concen: 0.36 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

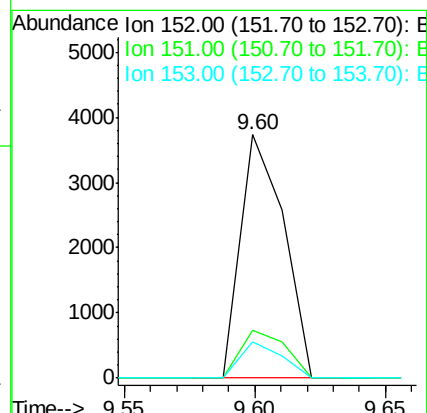
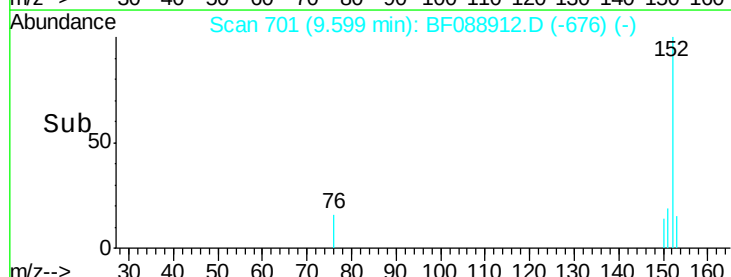
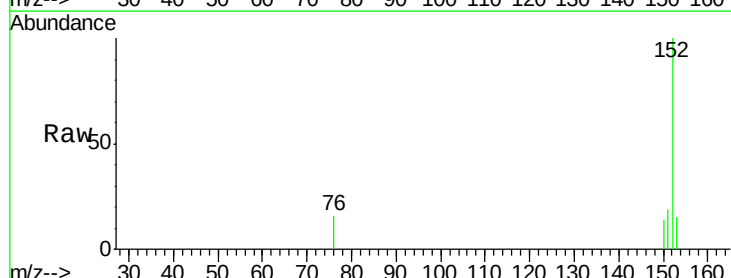
Tgt Ion: 152 Resp: 4334

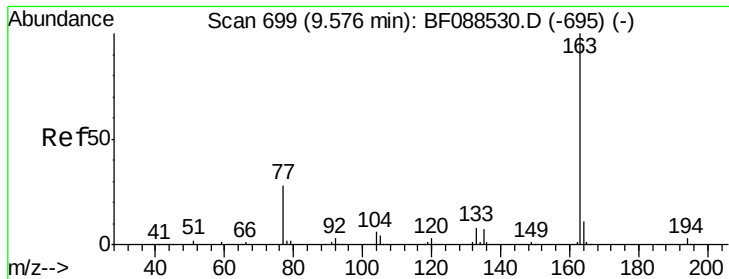
Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.4

153 15.0 11.0 16.6





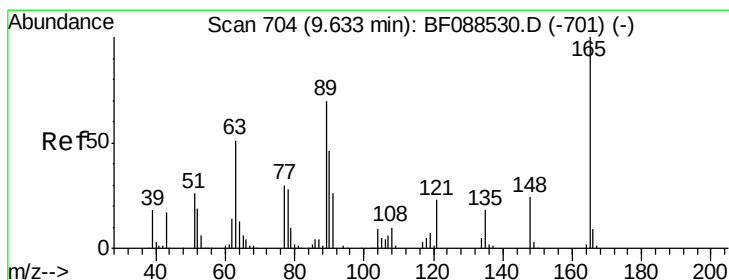
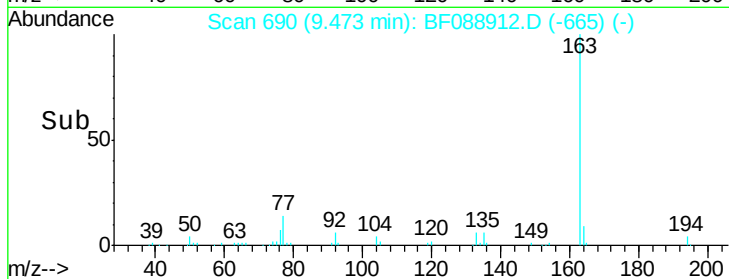
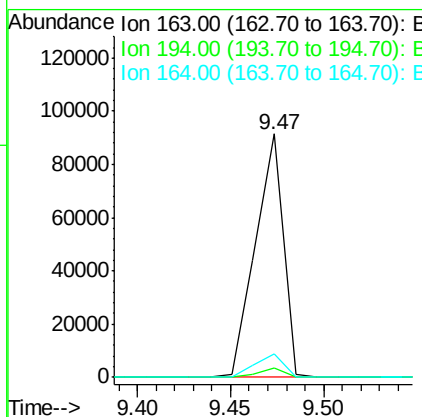
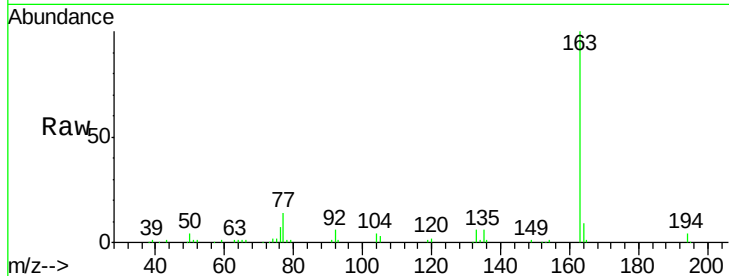
#49
Dimethylphthalate
Concen: 11.50 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.5	8.3	12.5

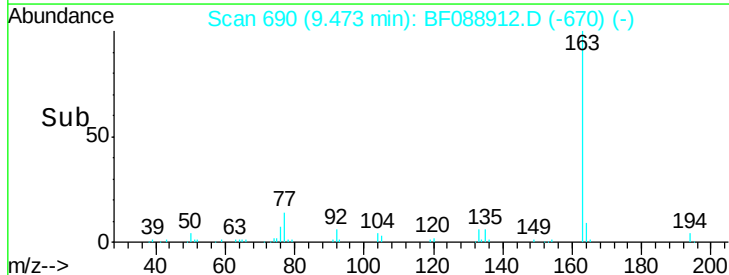
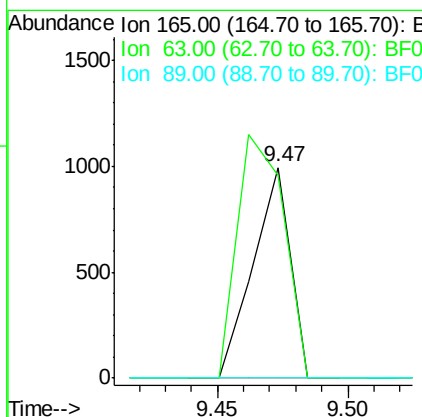
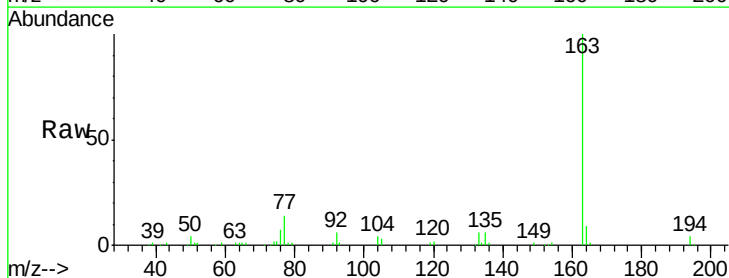
Manual Integrations

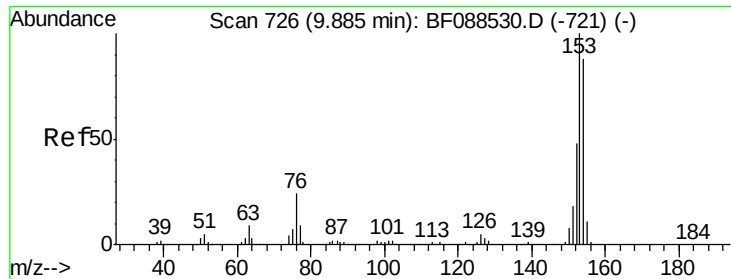
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#50
2,6-Dinitrotoluene
Concen: 0.55 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	96.6	28.1	42.1#
89	0.0	32.2	48.2#





#51

Acenaphthene

Concen: 0.18 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088912.D

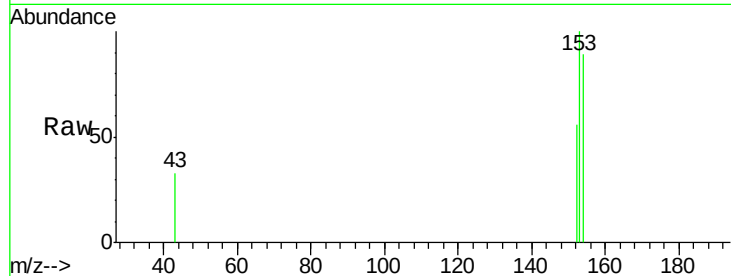
Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampled :

N8-B1(0-5)C

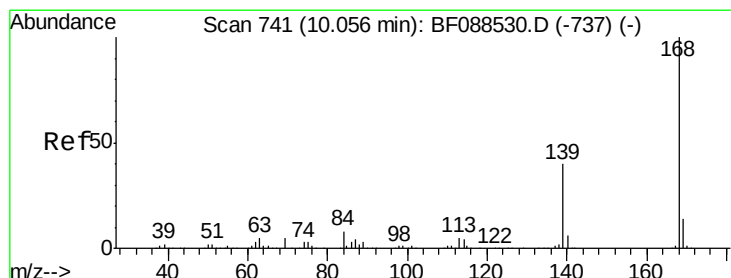
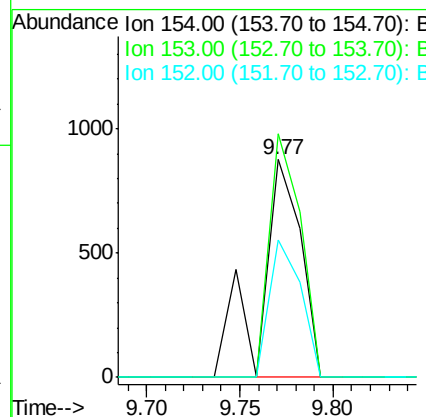


Tot Ion:	154	Resp:	1312
Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.5	134.3
152	62.8	42.7	64.1

Manual Integrations

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#54

Dibenzofuran

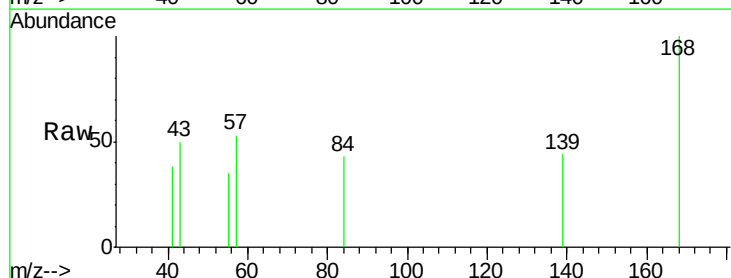
Concen: 0.11 ng

RT: 9.94 min Scan# 731

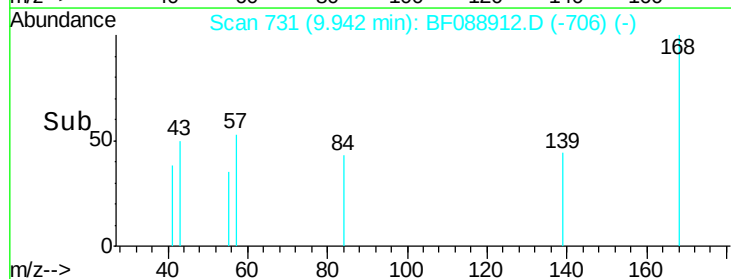
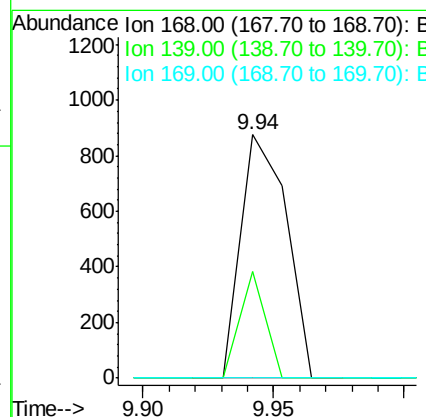
Delta R.T. -0.01 min

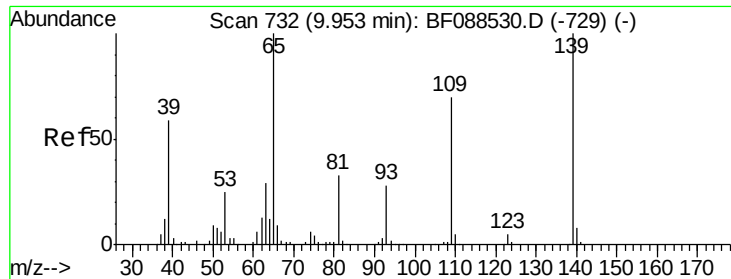
Lab File: BF088912.D

Acq: 11 Jul 2016 21:22



Tgt Ion:	168	Resp:	1074
Ion	Ratio	Lower	Upper
168	100		
139	44.1	26.4	39.6#
169	0.0	10.4	15.6#





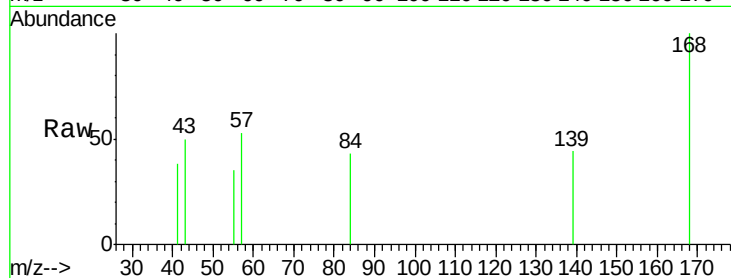
#55
4-Nitrophenol
Concen: 0.15 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.07 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampled :
N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#

Manual Integrations

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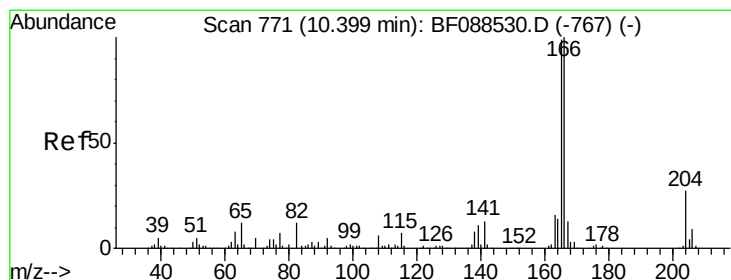
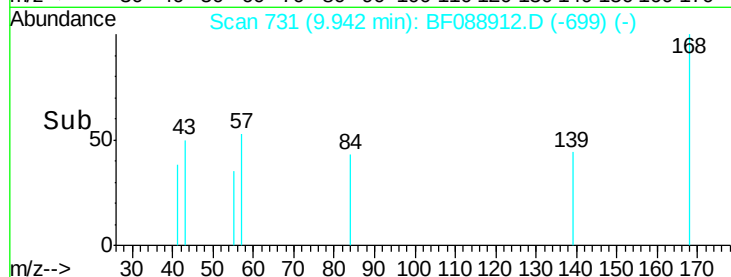
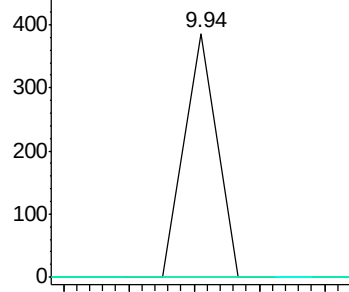


Abundance

Ion 139.00 (138.70 to 139.70): E

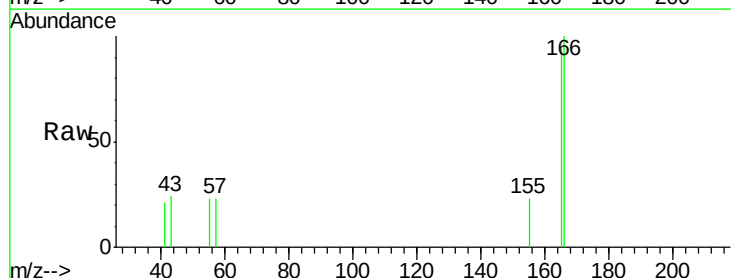
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#57
Fluorene
Concen: 0.18 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	77.8	116.8
167	0.0	11.2	16.8#

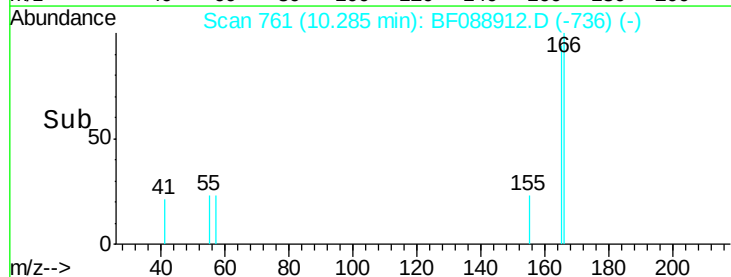
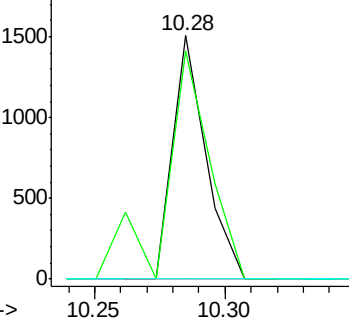


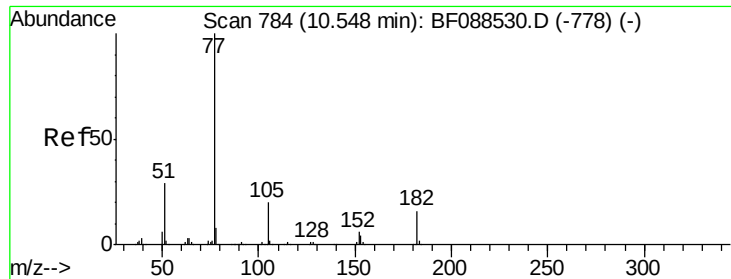
Abundance

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





#62

Azobenzene

Concen: 0.06 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.08 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampled :

N8-B1(0-5)C

Tot Ion: 77 Resp: 590

Ion Ratio Lower Upper

77 100

182 50.8 4.4 44.4#

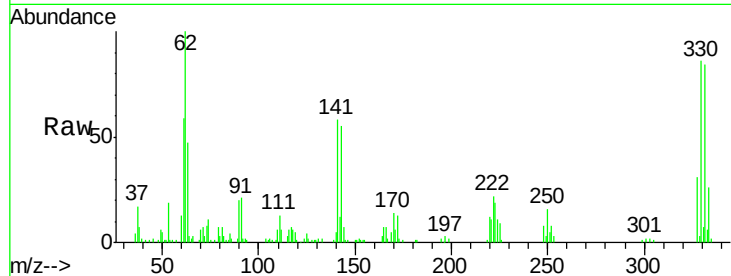
105 89.9 3.8 43.8#

51 74.4 9.3 49.3#

Manual Integrations

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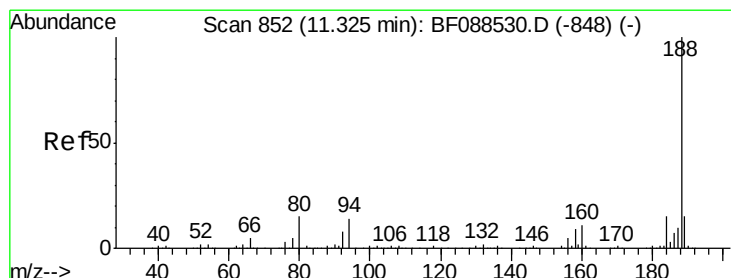
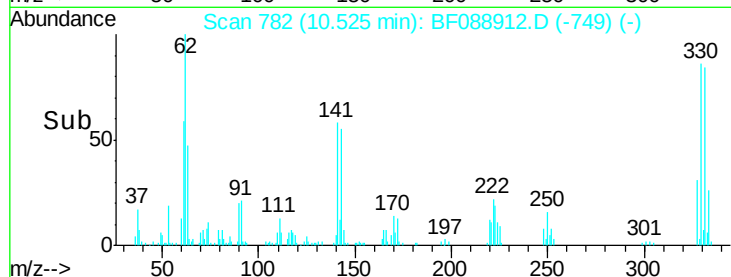
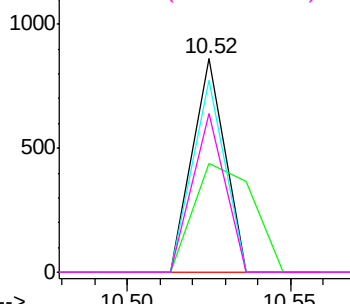


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

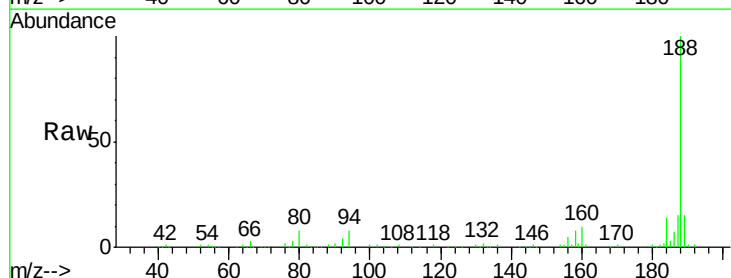
Tgt Ion: 188 Resp: 183520

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.6#

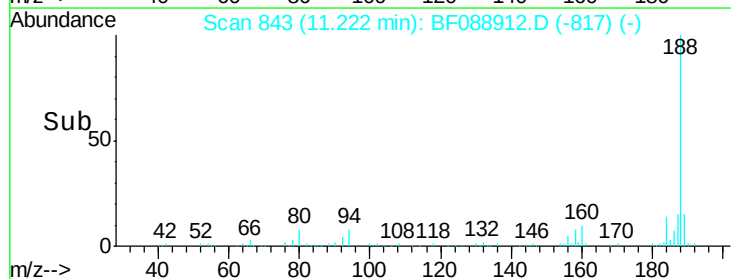
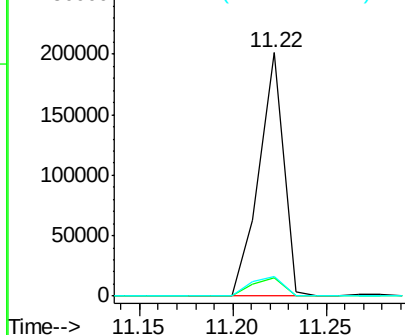
80 7.8 10.0 15.0#

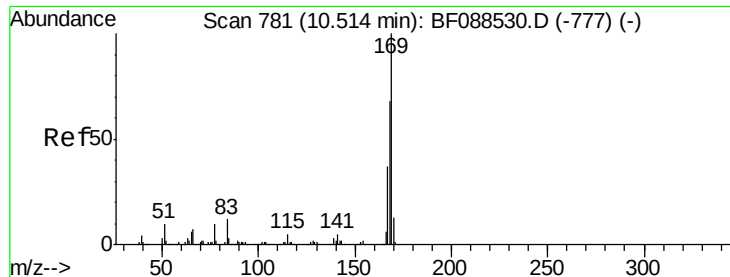


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





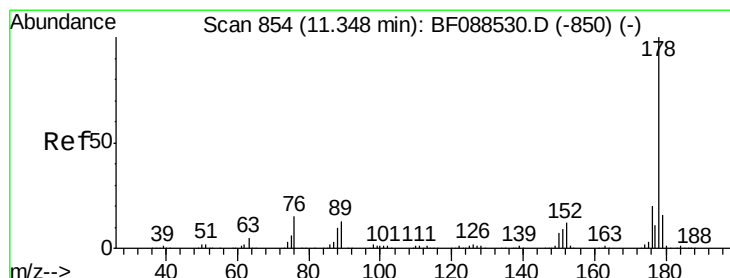
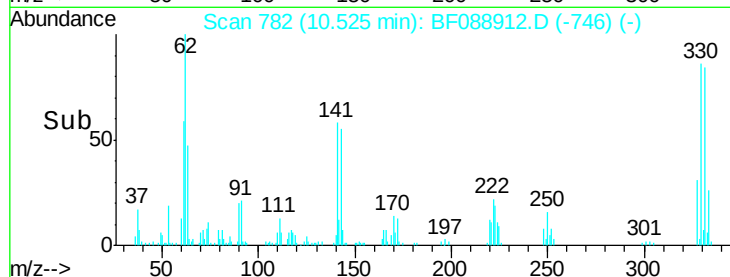
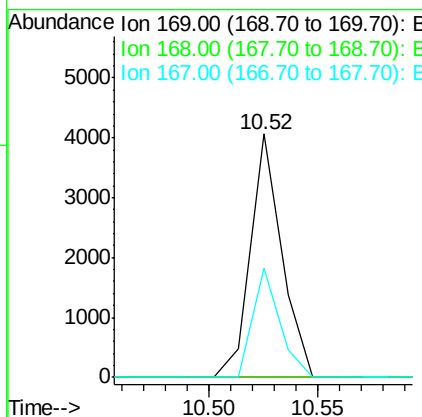
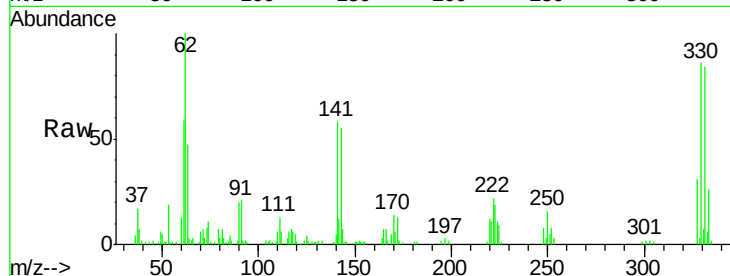
#65
n-Nitrosodiphenylamine
Concen: 0.65 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	44.6	29.4	44.0#

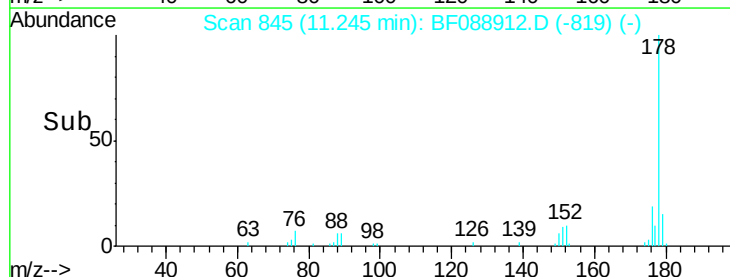
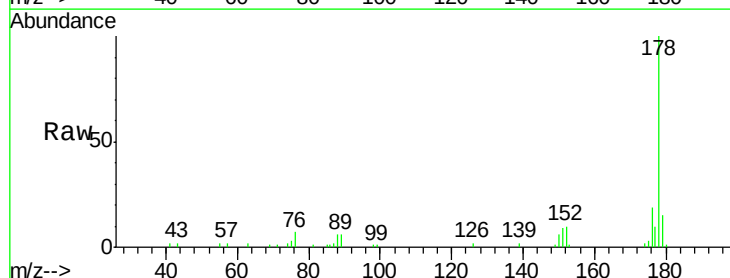
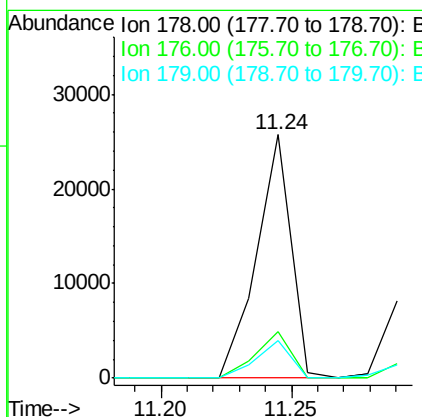
Manual Integrations

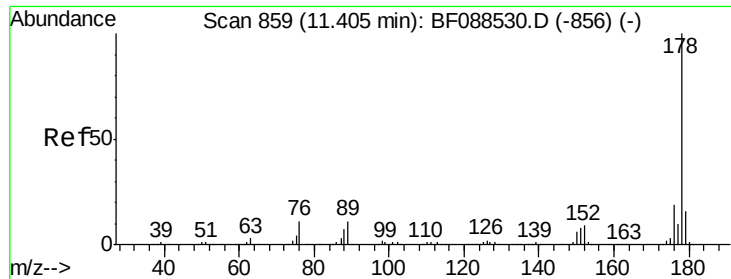
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#70
Phenanthrene
Concen: 2.38 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.3	13.0	19.4





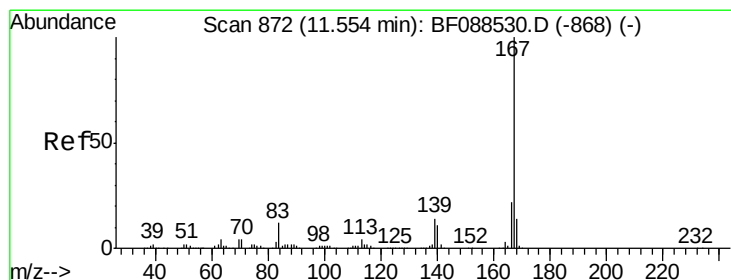
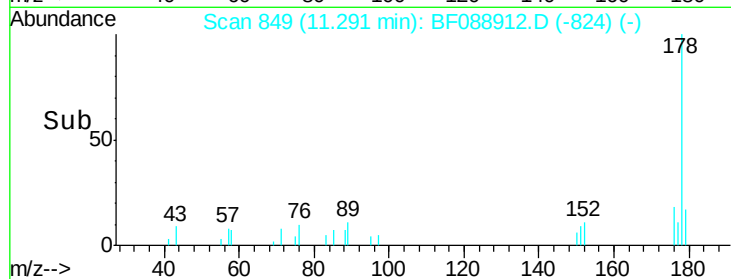
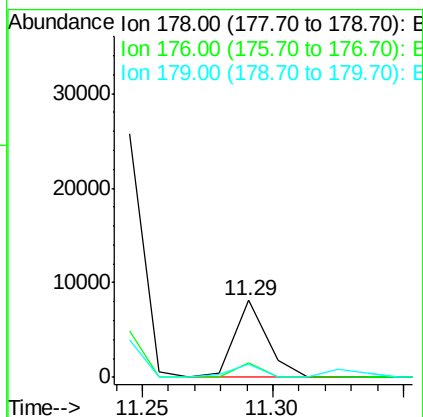
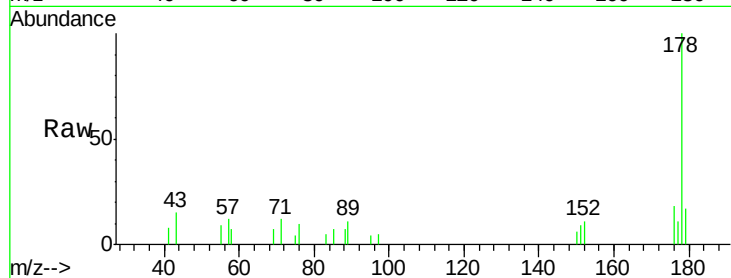
#71
 Anthracene
 Concen: 0.72 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 N8-B1(0-5)C

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.3	15.6	23.4	
179	16.9	12.8	19.2	

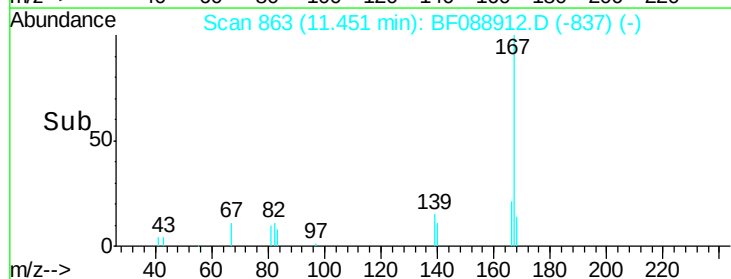
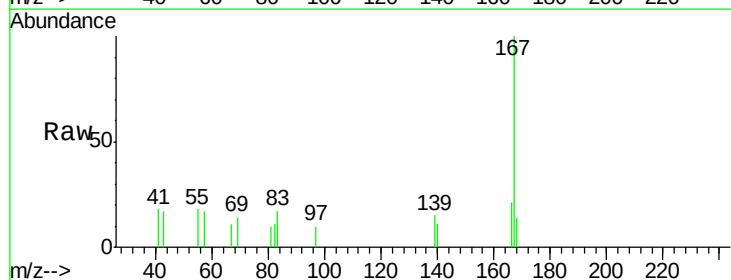
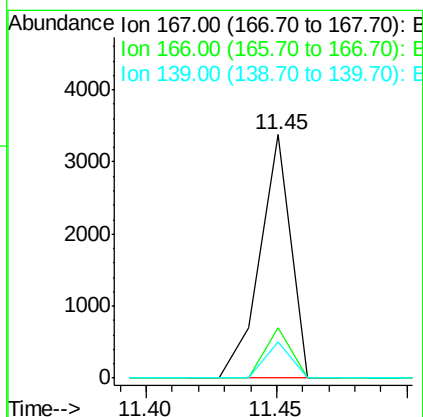
Manual Integrations

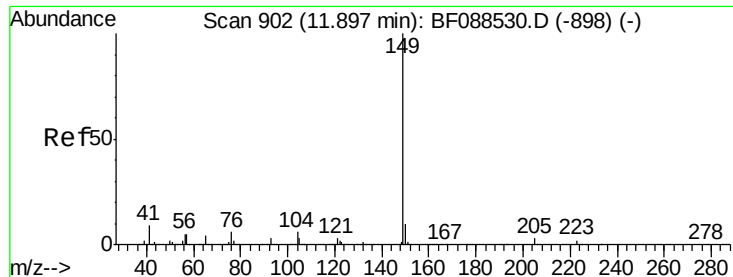
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#72
 Carbazole
 Concen: 0.30 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	20.9	17.8	26.6	
139	15.0	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 0.25 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C

Tot Ion:149 Resp: 2767

Ion Ratio Lower Upper

149 100

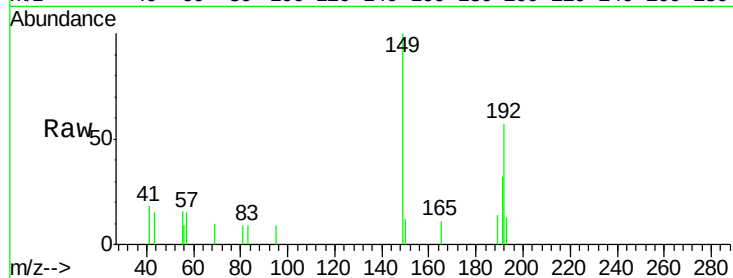
150 12.2 7.8 11.6#

104 0.0 4.0 6.0#

Manual Integrations

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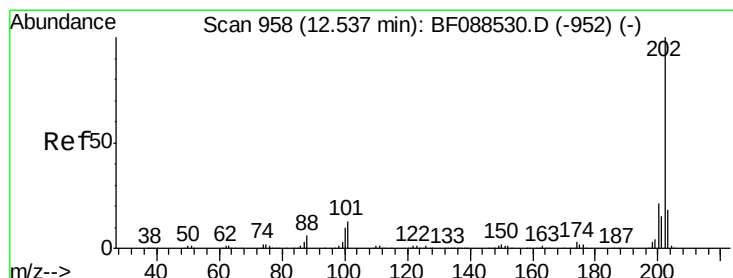
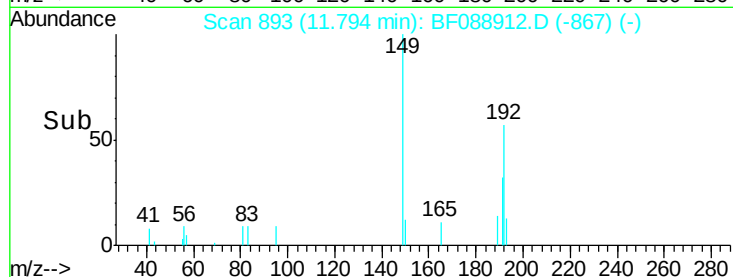
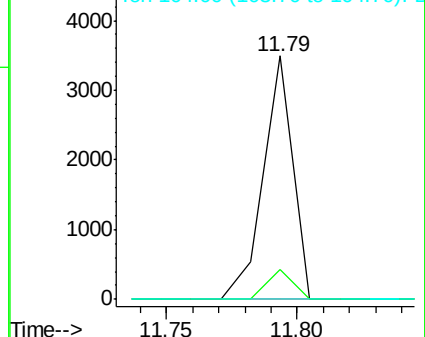
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 5.17 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

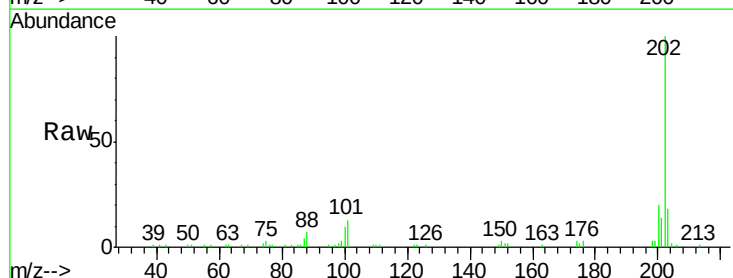
Tgt Ion:202 Resp: 52608

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.1

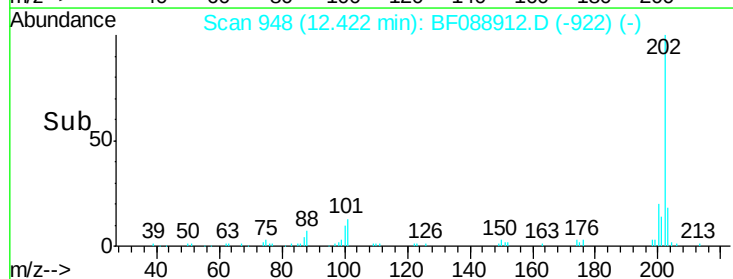
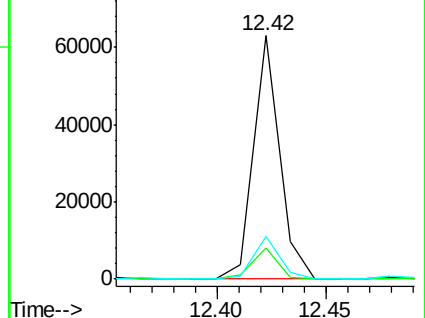
203 17.5 0.0 38.1

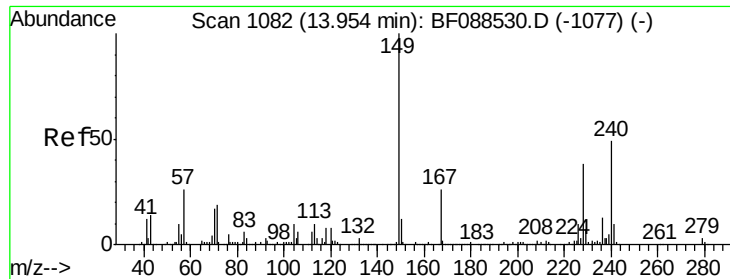


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C

Tot Ion:240 Resp: 133112

Ion Ratio Lower Upper

240 100

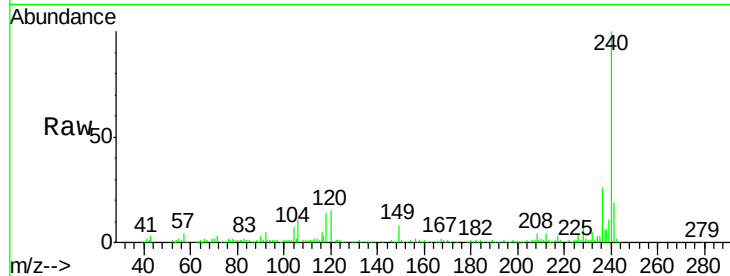
120 15.1 6.8 10.2#

236 25.5 20.2 30.2

Manual Integrations

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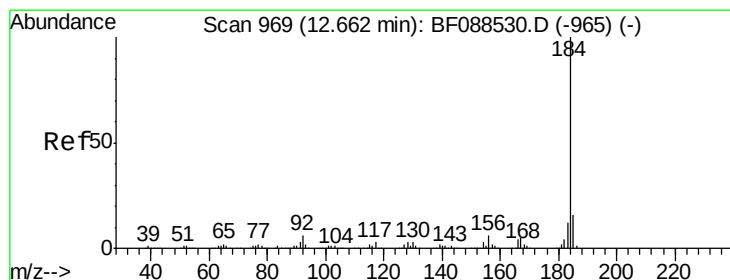
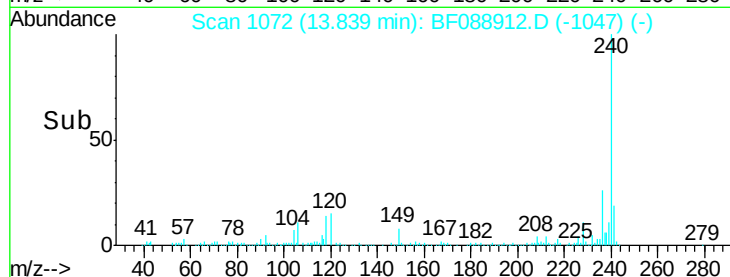
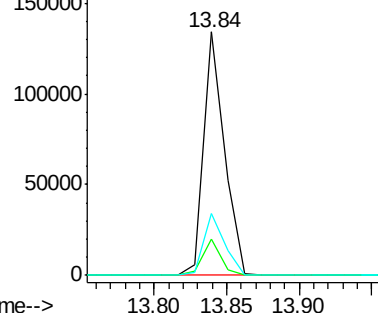
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.14 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.14 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

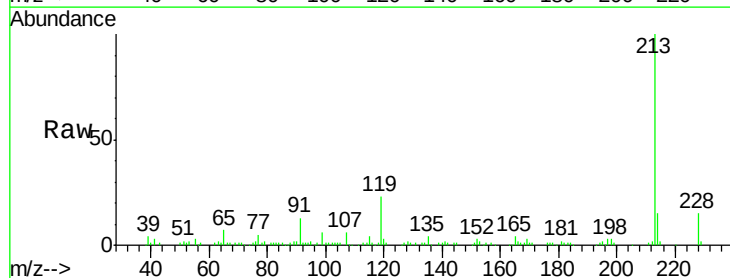
Tgt Ion:184 Resp: 929

Ion Ratio Lower Upper

184 100

185 45.2 12.5 18.7#

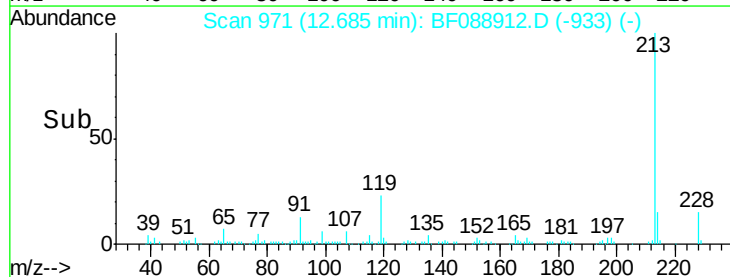
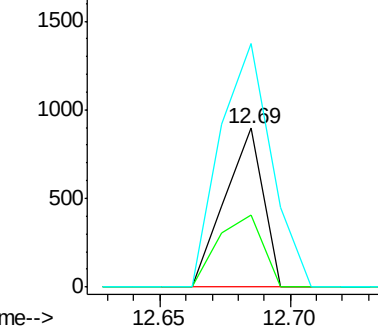
183 153.6 9.3 13.9#

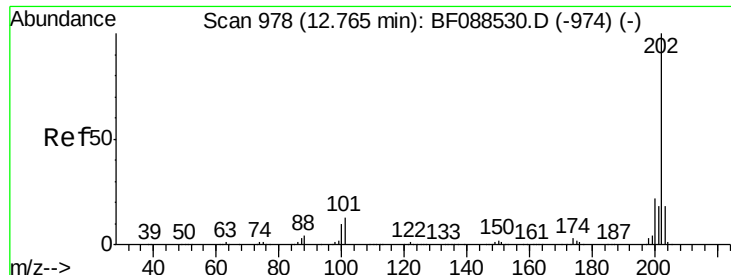


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





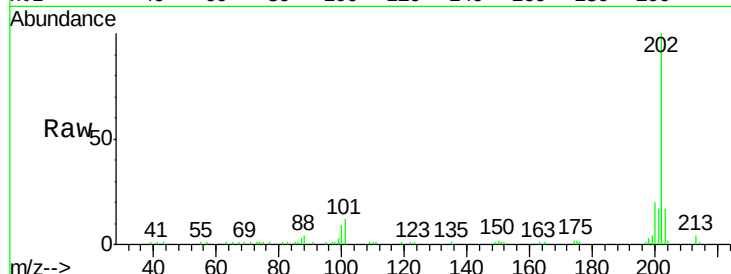
#77
Pvrene
Concen: 4.67 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

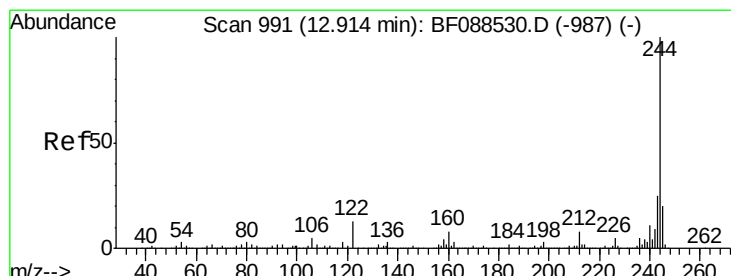
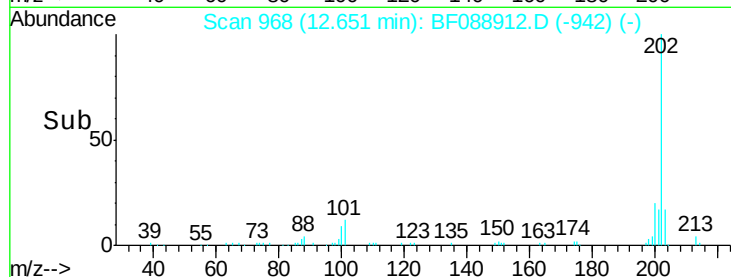
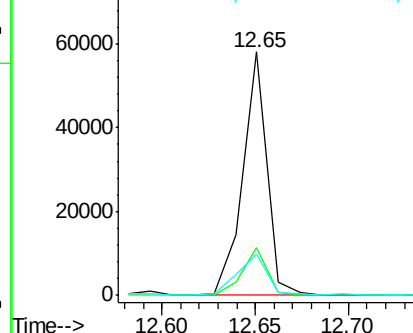
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.3	14.5	21.7

Manual Integrations

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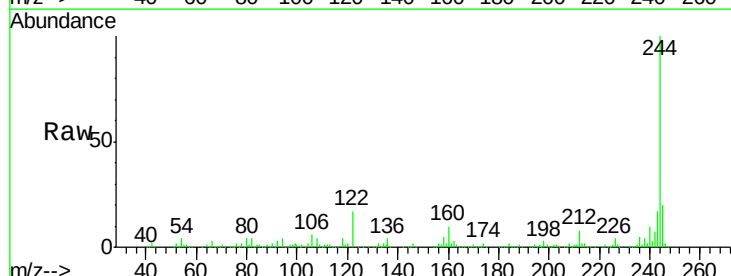


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

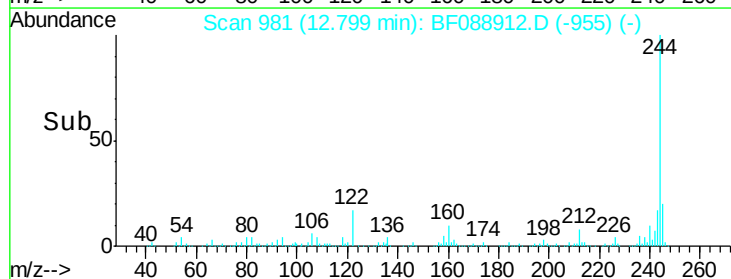
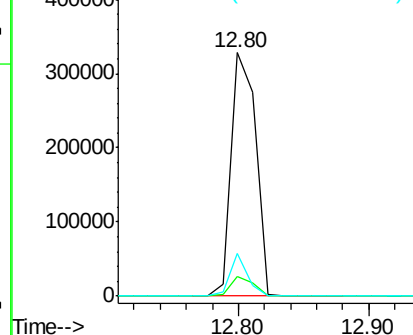


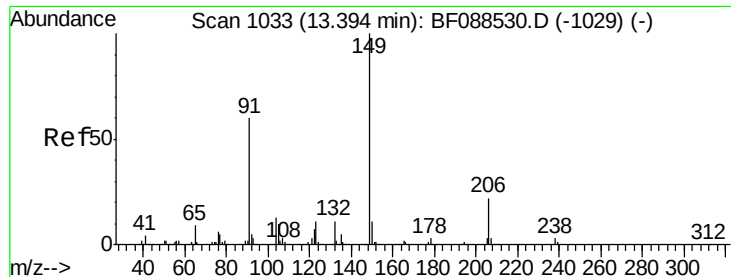
#78
Terphenyl-d14
Concen: 71.48 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	17.3	11.2	16.8



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





#79

Butylbenzylphthalate

Concen: 0.31 ng

RT: 13.28 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

Instrument :

BNA_F

ClientSampleId :

N8-B1(0-5)C

Tot Ion:149 Resp: 1563

Ion Ratio Lower Upper

149 100

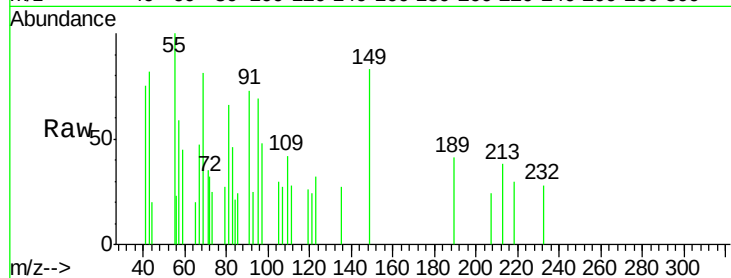
91 88.8 48.0 72.0#

206 0.0 16.0 24.0#

Manual Integrations

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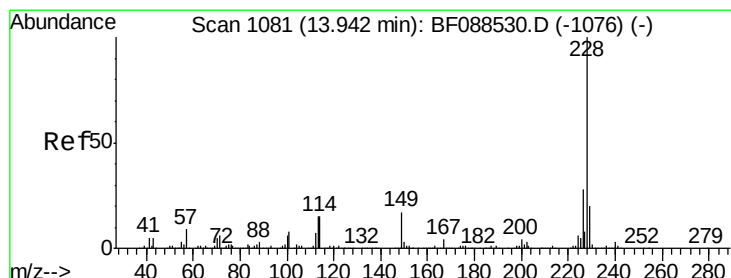
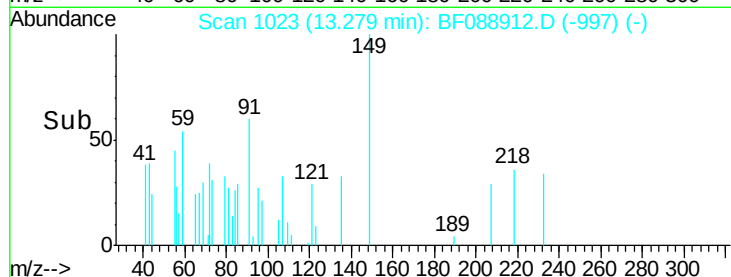
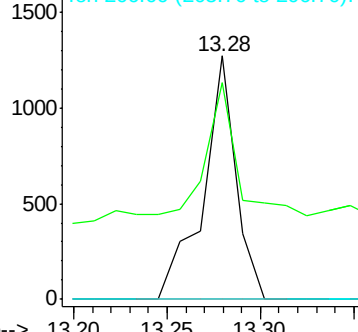
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 3.57 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088912.D

Acq: 11 Jul 2016 21:22

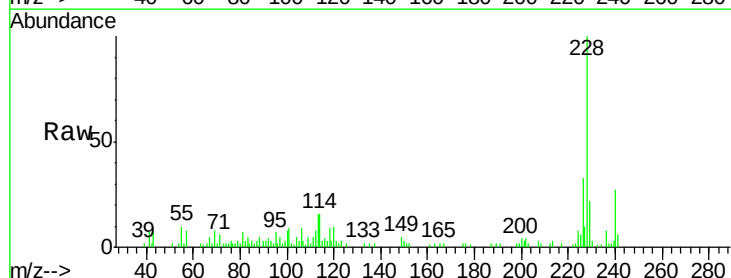
Tgt Ion:228 Resp: 30610

Ion Ratio Lower Upper

228 100

226 32.6 22.3 33.5

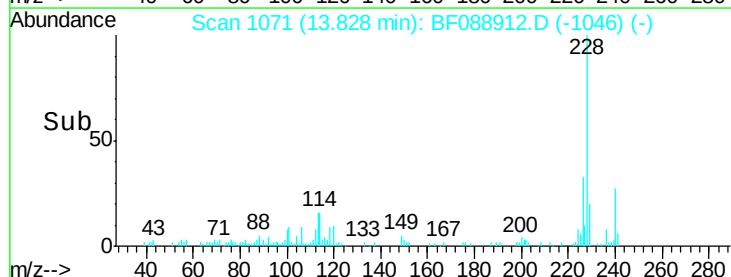
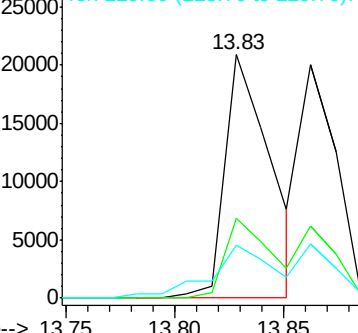
229 21.7 16.0 24.0

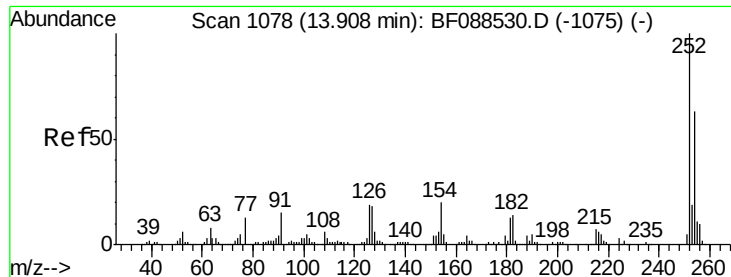


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





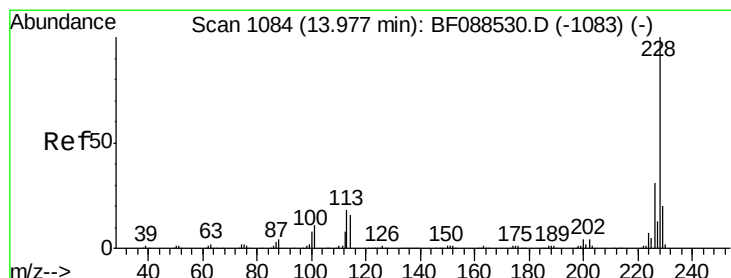
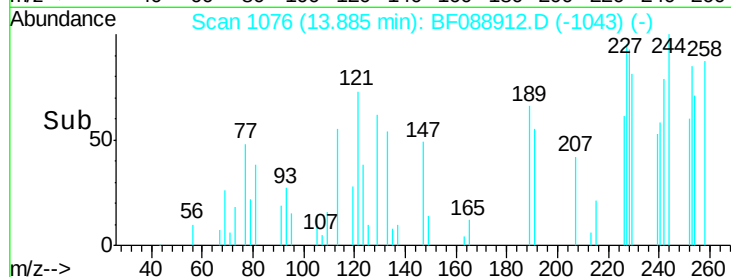
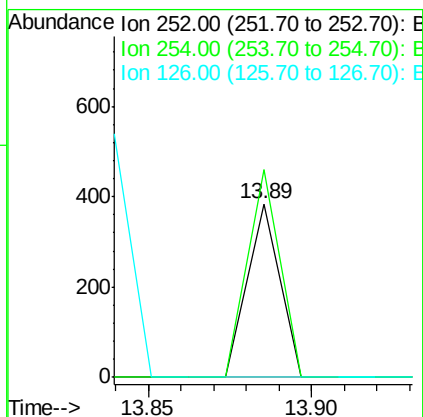
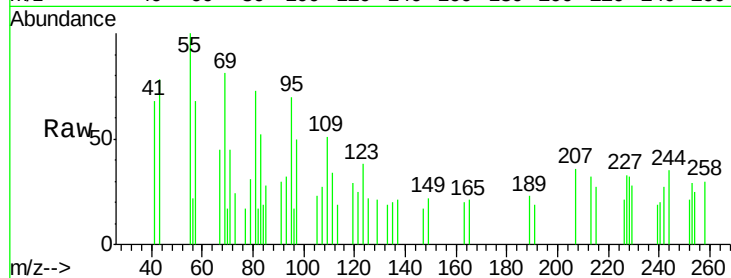
#81
 3,3'-Dichlorobenzidine
 Concen: 0.08 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.08 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
252	100		
254	119.7	52.6	78.8#
126	0.0	6.2	9.2#

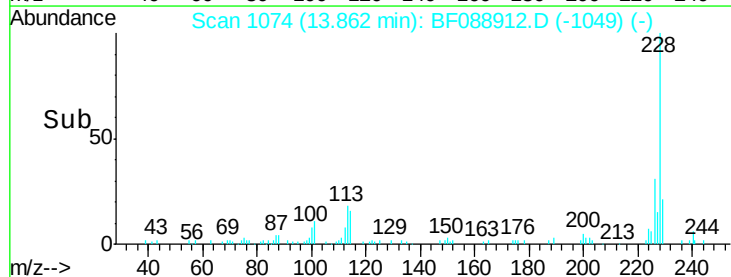
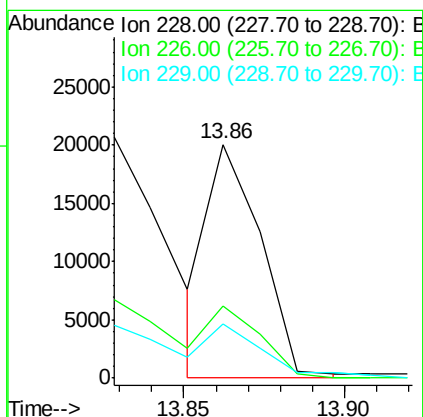
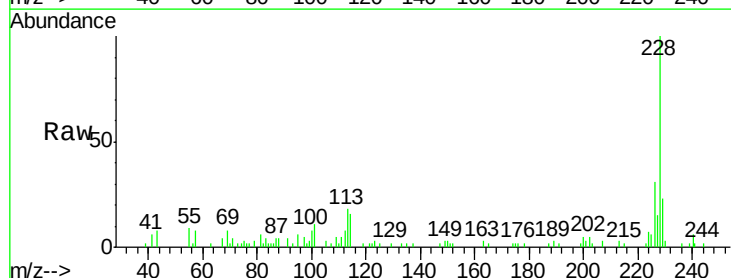
Manual Integrations

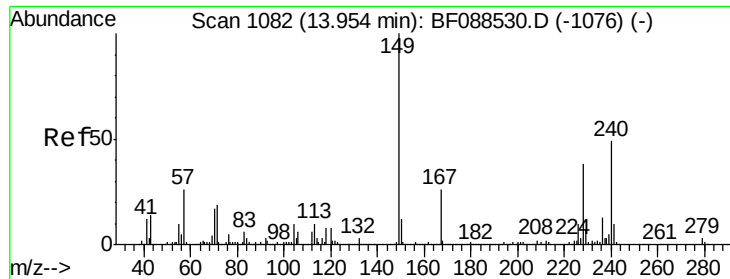
sohil
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#82
 Chrysene
 Concen: 2.72 ng m
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	23.3	16.3	24.5





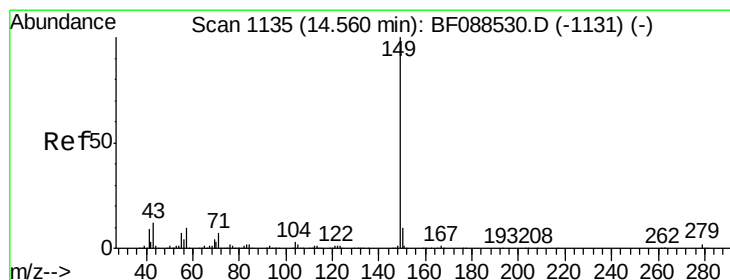
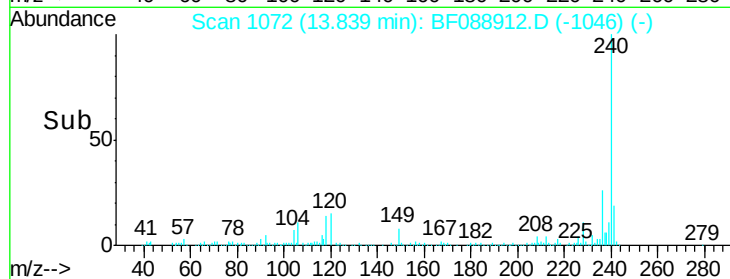
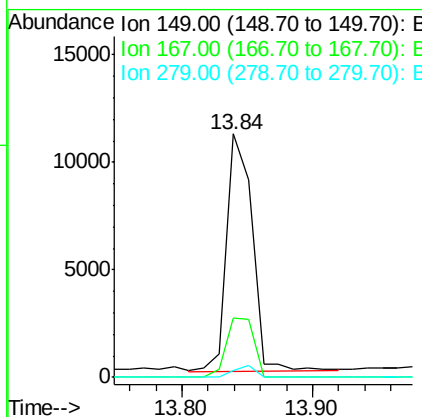
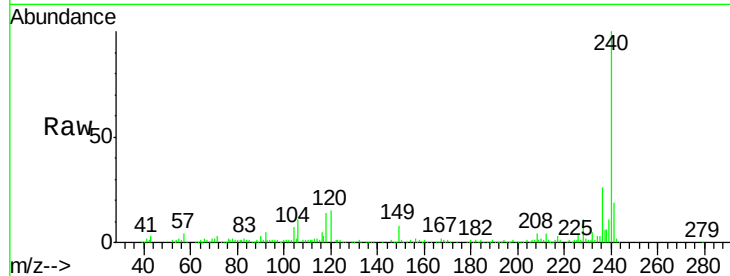
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.64 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.3	20.5	30.7
279	3.0	2.0	3.0#

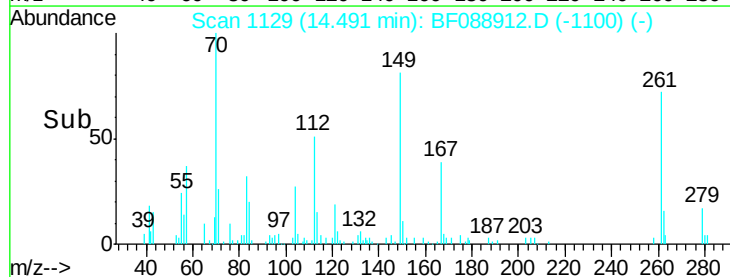
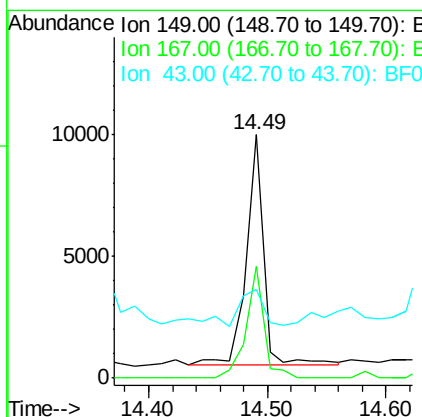
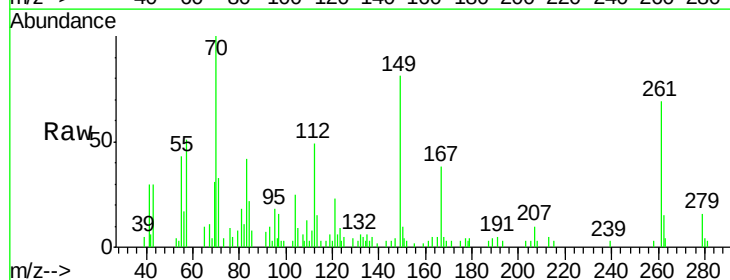
Manual Integrations

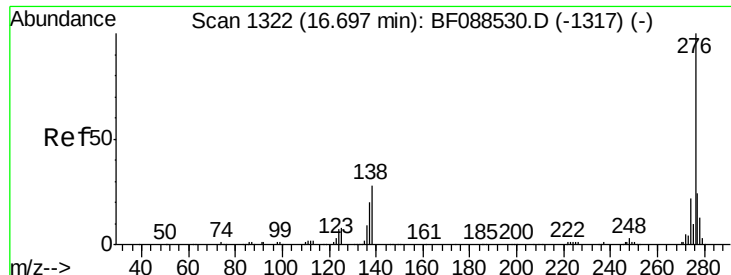
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#84
 Di-n-octyl phthalate
 Concen: 0.98 ng
 RT: 14.49 min Scan# 1129
 Delta R.T. 0.03 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	50.4	0.0	0.0#
43	21.8	0.0	0.0#





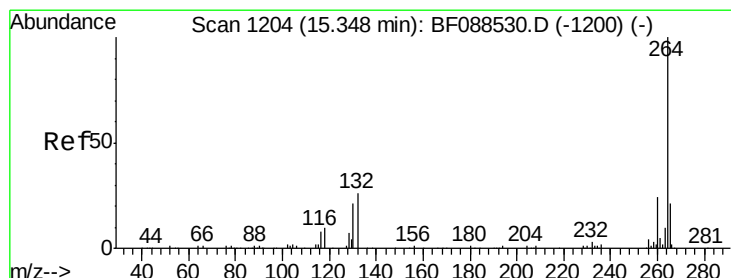
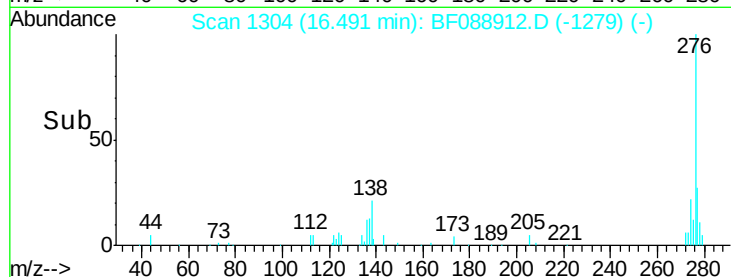
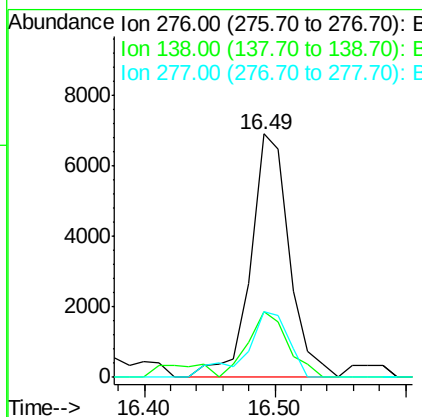
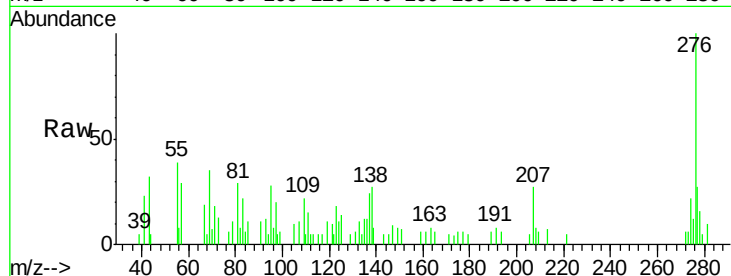
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.19 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 N8-B1(0-5)C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	27.6	0.0	0.0		
277	30.0	0.0	0.0		

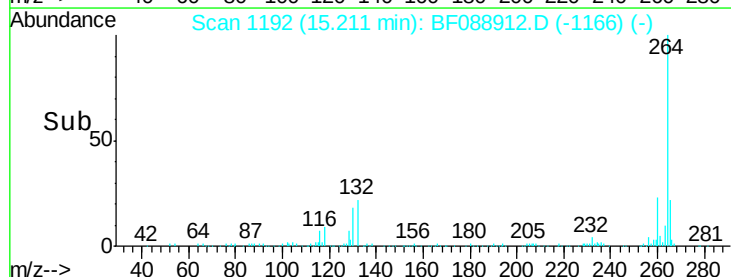
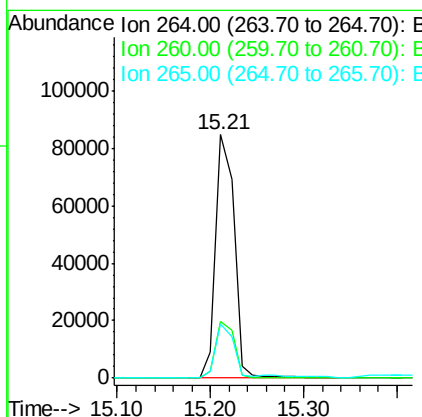
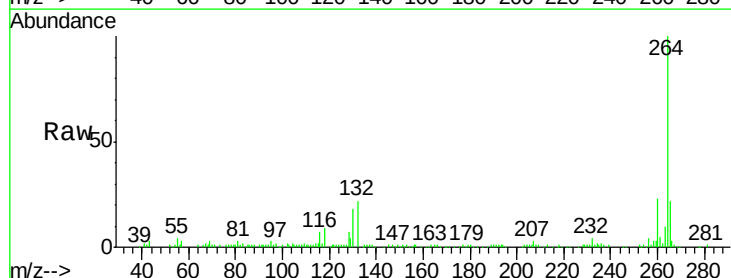
Manual Integrations

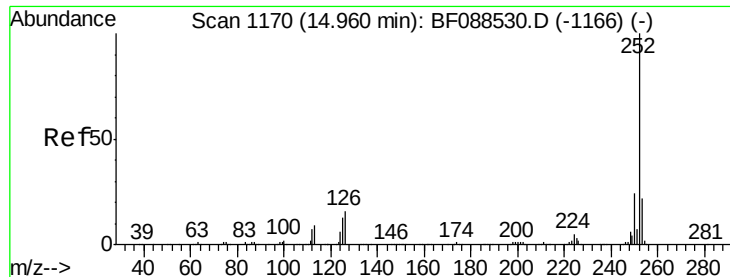
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.3	19.2	28.8		
265	22.0	16.9	25.3		





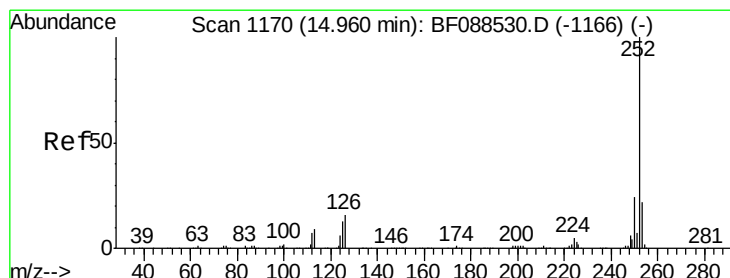
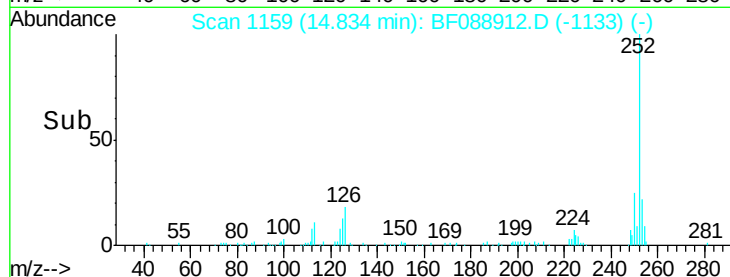
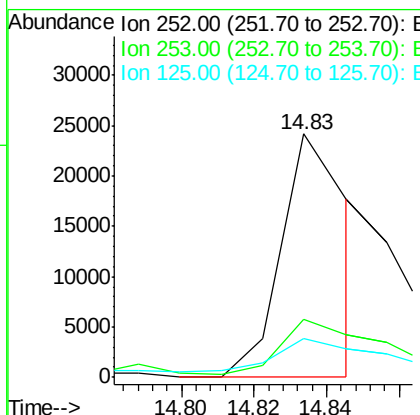
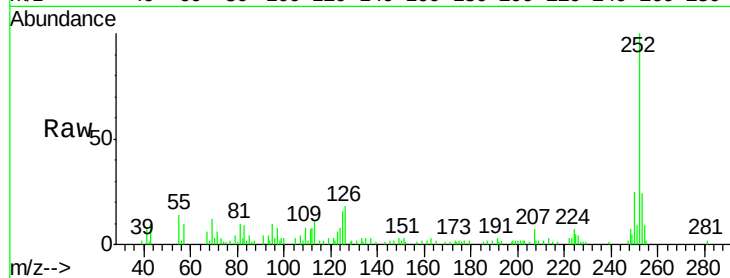
#87
Benzo(b)fluoranthene
Concen: 4.27 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	16.0	7.1	10.7

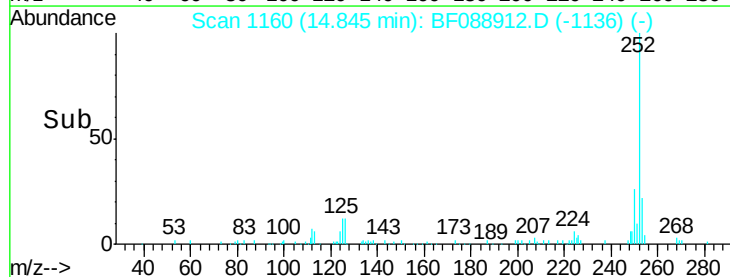
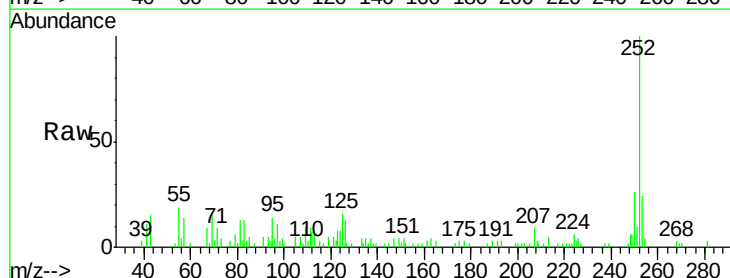
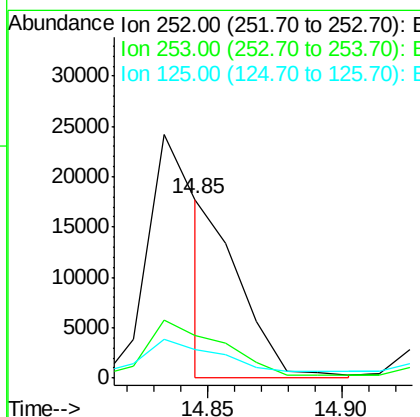
Manual Integrations

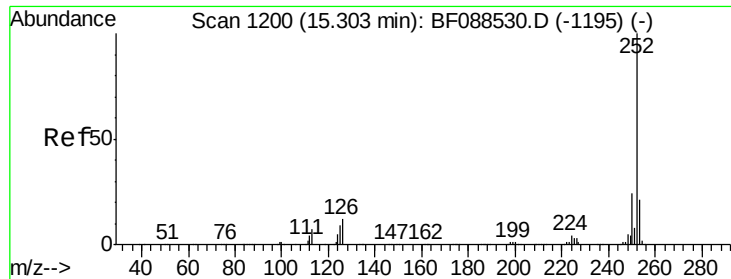
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#88
Benzo(k)fluoranthene
Concen: 2.20 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	16.0	11.2	16.8





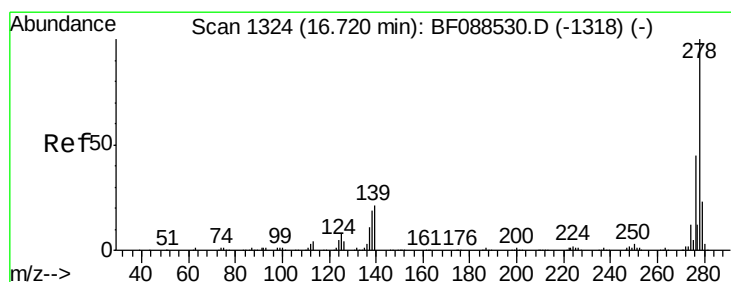
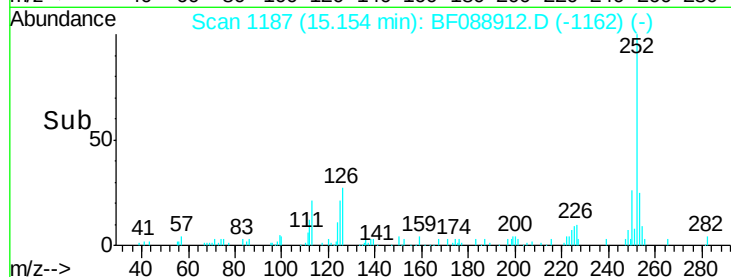
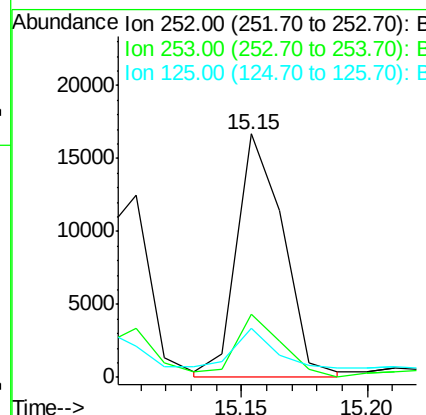
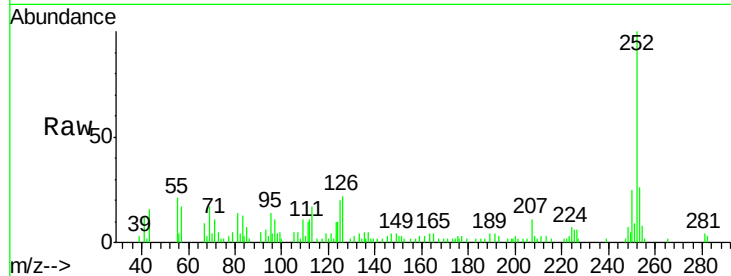
#89
Benzo(a)pyrene
Concen: 3.43 ng/ml
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
Client Sample Id :
N8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	20.3	12.5	18.7

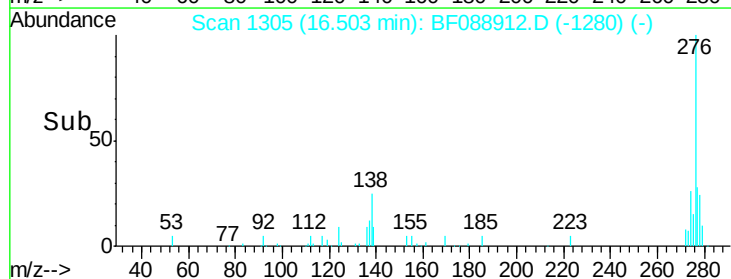
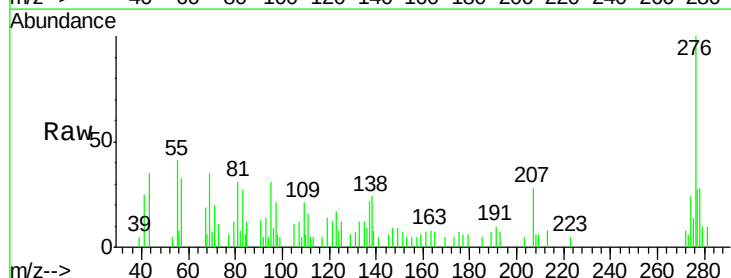
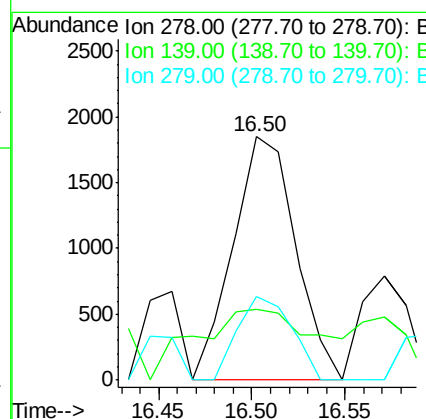
Manual Integrations

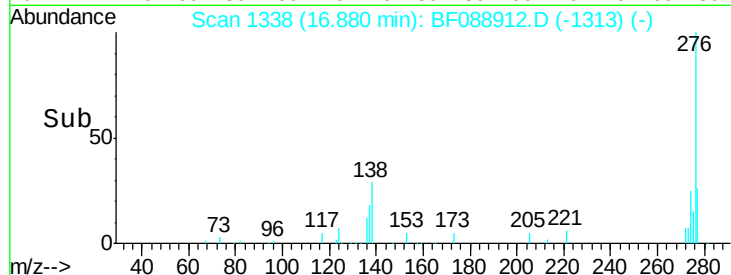
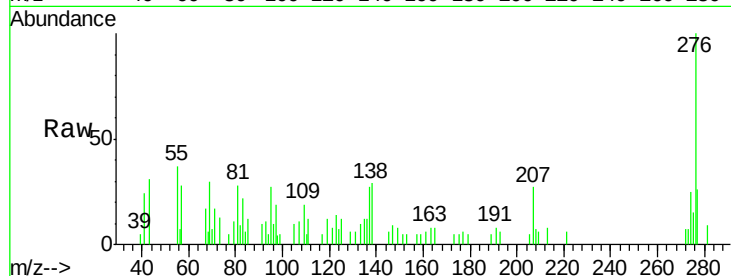
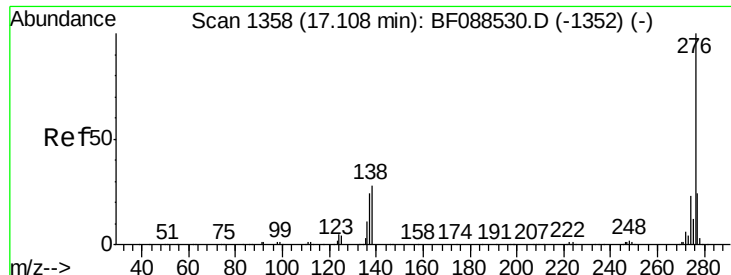
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#90
Dibenzo(a,h)anthracene
Concen: 0.83 ng/ml
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.8	15.7	23.5
279	34.1	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 2.38 ng
 RT: 16.88 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF088912.D
 Acq: 11 Jul 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 N8-B1(0-5)C

Tot Ion:	276	Resp:	12809
Ion Ratio	Lower	Upper	
276	100		
277	25.6	18.9	28.3
138	28.8	21.4	32.2

Manual Integrations

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