

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088741.D
 Acq On : 6 Jul 2016 18:35
 Operator : UM/SJ
 Sample : H3808-25MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Manual Integrations

umangi
 7/7/2016 6:08:00 PM

Quant Time: Jul 07 01:21:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89943	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	376464	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	183824	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	361448	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	300182	20.00	ng	-0.03
86) Perylene-d12	15.26	264	263316	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	590726	98.43	ng	-0.02
7) Phenol-d6	6.39	99	769429	99.22	ng	-0.02
23) Nitrobenzene-d5	7.31	82	486743	67.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	197781	115.86	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	960467	82.53	ng	-0.02
78) Terphenyl-d14	12.84	244	908684	67.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	75854	25.49	ng	# 36
3) Pyridine	3.03	79	119822	13.88	ng	91
4) n-Nitrosodimethylamine	2.97	42	59866	18.15	ng	93
6) Aniline	6.41	93	172766	15.29	ng	# 89
8) 2-Chlorophenol	6.54	128	155200	24.06	ng	89
9) Benzaldehyde	6.28	77	96665	18.40	ng	# 81
10) Phenol	6.40	94	159075	17.97	ng	# 53
11) bis(2-Chloroethyl)ether	6.49	93	150334	22.78	ng	88
12) 1,3-Dichlorobenzene	6.68	146	144037m	20.29	ng	
13) 1,4-Dichlorobenzene	6.76	146	150848	21.41	ng	95
14) 1,2-Dichlorobenzene	6.92	146	141736	21.49	ng	97
15) Benzyl Alcohol	6.89	79	136242	23.87	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	177952	18.62	ng	89
17) 2-Methylphenol	7.02	107	122704	23.32	ng	96
18) Hexachloroethane	7.27	117	59385	21.79	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	106780	20.50	ng	94
20) 3+4-Methylphenols	7.16	107	153985	24.38	ng	# 84
22) Acetophenone	7.16	105	222077	24.30	ng	# 90
24) Nitrobenzene	7.34	77	178966	24.71	ng	94
25) Isophorone	7.58	82	319781	24.03	ng	98
26) 2-Nitrophenol	7.64	139	74698	25.15	ng	90
27) 2,4-Dimethylphenol	7.69	122	116308	18.80	ng	87
28) bis(2-Chloroethoxy)methane	7.79	93	207944	24.01	ng	# 96
29) 2,4-Dichlorophenol	7.90	162	126086	25.22	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	126528	23.06	ng	99
31) Naphthalene	8.06	128	467115	25.17	ng	99
32) Benzoic acid	7.77	122	19113	4.26	ng	96
33) 4-Chloroaniline	8.10	127	126923	15.37	ng	96
34) Hexachlorobutadiene	8.18	225	72494	24.68	ng	100
35) Caprolactam	8.51	113	37235m	21.93	ng	
36) 4-Chloro-3-methylphenol	8.59	107	152475	25.79	ng	97
37) 2-Methylnaphthalene	8.74	142	278716	23.32	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	121616	19.89	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	166321	55.42	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	92760	23.01	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	96525	27.83	nq #	93
45) 1,1'-Biphenyl	9.21	154	377641	24.81	nq	98
46) 2-Chloronaphthalene	9.23	162	295936	24.76	nq	98
47) 2-Nitroaniline	9.32	65	93286	22.00	nq	96
48) Acenaphthylene	9.64	152	463488	24.38	nq	99
49) Dimethylphthalate	9.52	163	515153	39.34	nq	99
50) 2,6-Dinitrotoluene	9.58	165	79925	27.54	nq	95
51) Acenaphthene	9.82	154	306688	26.31	nq	98
52) 3-Nitroaniline	9.74	138	72211	19.57	nq	95
53) 2,4-Dinitrophenol	9.84	184	62071	48.43	nq #	80
54) Dibenzofuran	9.99	168	400733	26.27	nq #	89
55) 4-Nitrophenol	9.91	139	204777	73.03	nq	88
56) 2,4-Dinitrotoluene	9.98	165	111491	29.38	nq	92
57) Fluorene	10.33	166	333130	28.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	66911	24.94	nq #	46
59) Diethylphthalate	10.22	149	368984	28.07	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	137713	25.21	nq #	85
61) 4-Nitroaniline	10.34	138	77624	21.86	nq	78
62) Azobenzene	10.48	77	389166	25.96	nq	92
64) 4,6-Dinitro-2-methylphenol	10.38	198	48646	25.16	nq	94
65) n-Nitrosodiphenylamine	10.44	169	297150	24.29	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	87842	24.12	nq #	80
67) Hexachlorobenzene	10.88	284	97165	24.10	nq #	74
68) Atrazine	10.97	200	83016	21.78	nq	92
69) Pentachlorophenol	11.07	266	147453	61.79	nq	99
70) Phenanthrene	11.28	178	467779	23.67	nq	99
71) Anthracene	11.34	178	507436	25.83	nq	98
72) Carbazole	11.48	167	416919	22.55	nq	99
73) Di-n-butylphthalate	11.83	149	523735	24.35	nq	99
74) Fluoranthene	12.47	202	519403	25.93	nq	94
76) Benzidine	12.58	184	146771	9.67	nq	99
77) Pyrene	12.68	202	478435	18.80	nq	99
79) Butylbenzylphthalate	13.31	149	310343	27.34	nq #	66
80) Benzo(a)anthracene	13.87	228	417002	21.57	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	128757	17.72	nq #	98
82) Chrysene	13.91	228	394558	20.63	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	474389	36.60	nq #	98
84) Di-n-octyl phthalate	14.49	149	599207	27.21	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	323214	21.97	nq #	100
87) Benzo(b)fluoranthene	14.88	252	408421m	24.73	nq	
88) Benzo(k)fluoranthene	14.90	252	316692m	22.02	nq	
89) Benzo(a)pyrene	15.21	252	342940	24.52	nq #	92
90) Dibenzo(a,h)anthracene	16.58	278	270493	23.16	nq	99
91) Benzo(g,h,i)perylene	16.96	276	260603	21.56	nq	99

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

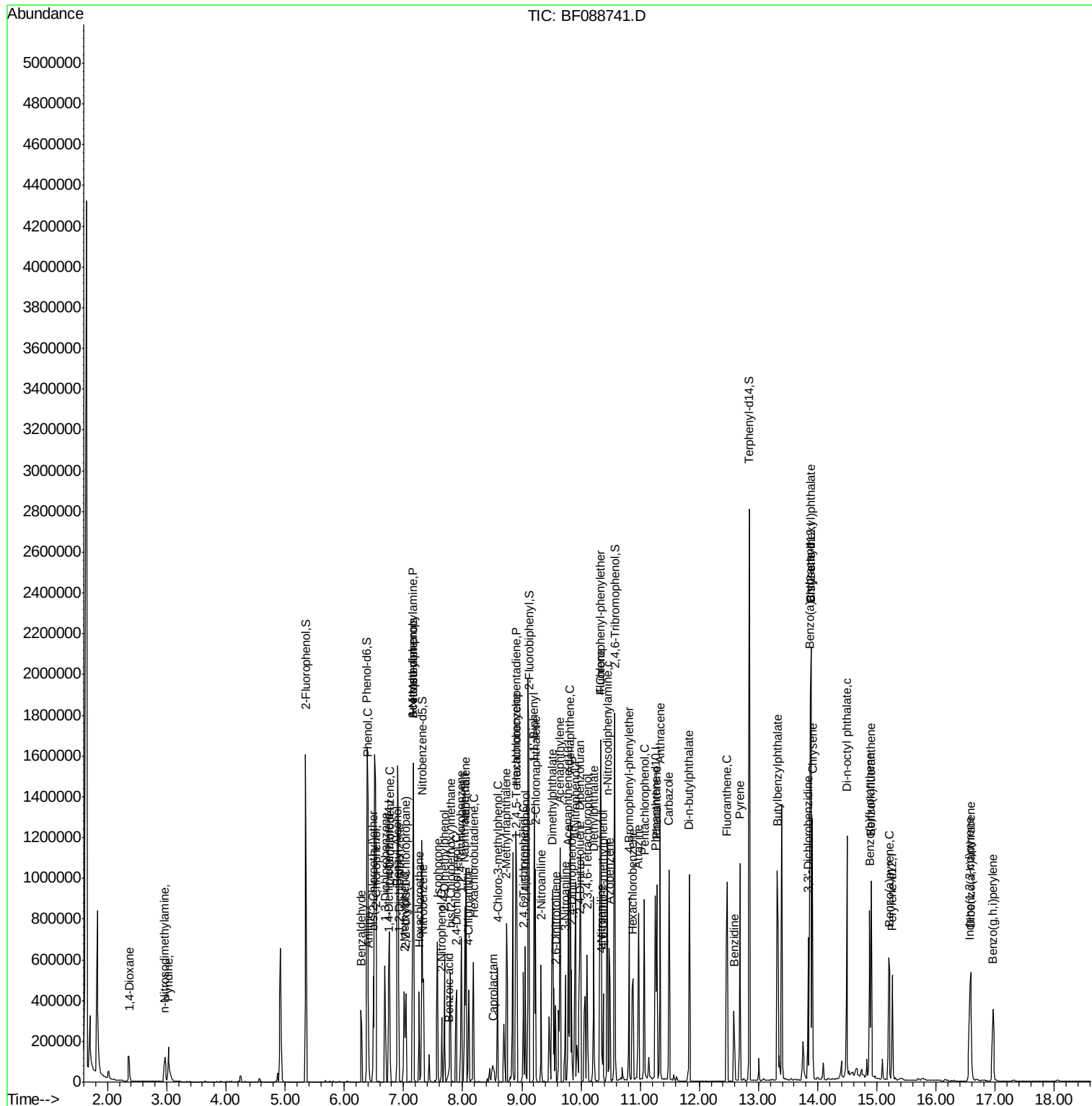
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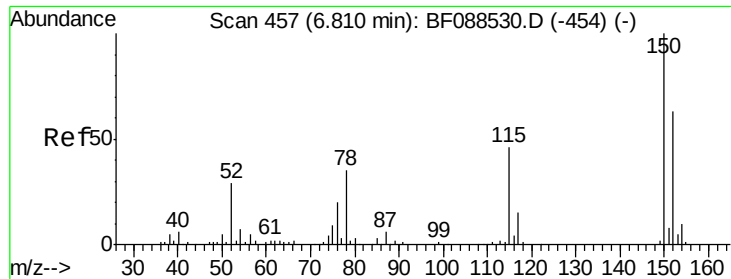
Instrument :
BNA_F
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#1

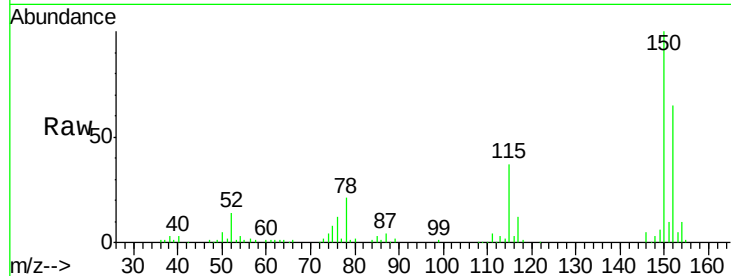
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

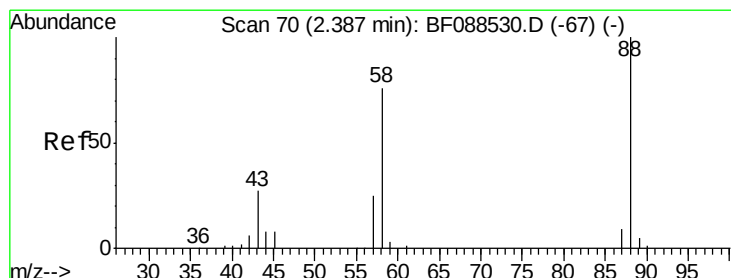
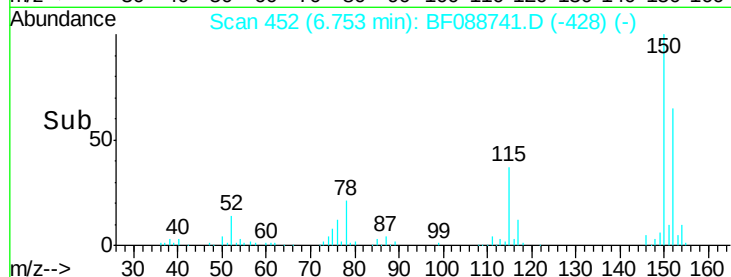
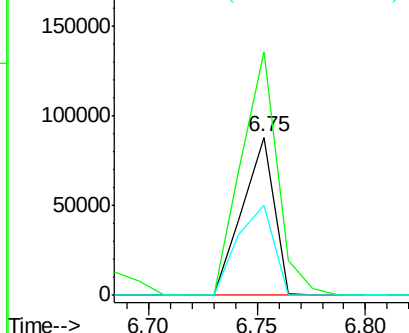
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	57.0	39.6	59.4

Manual Integrations

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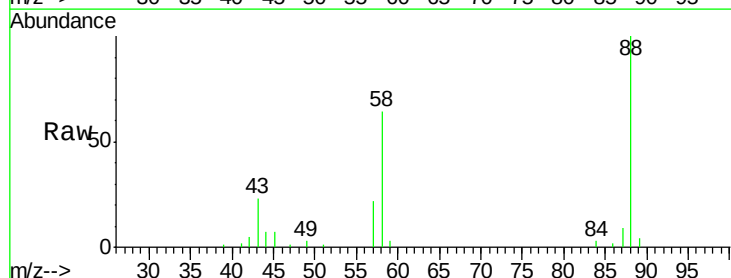
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



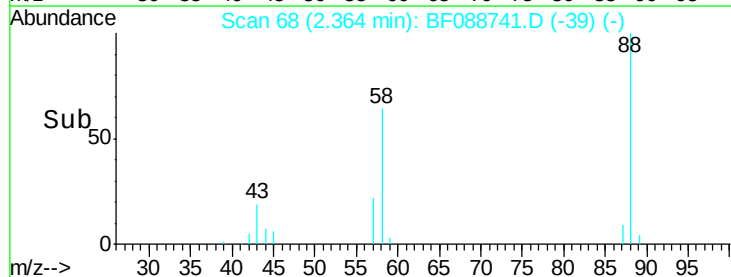
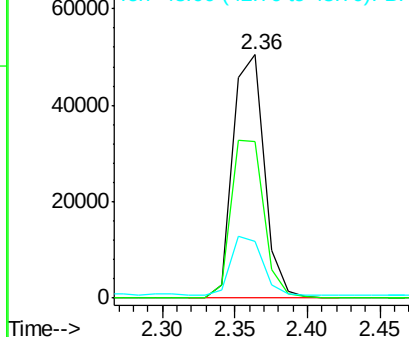
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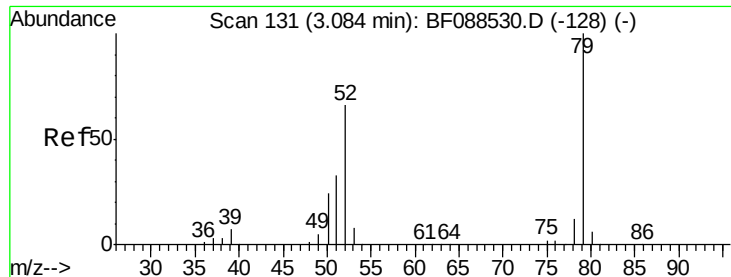
1,4-Dioxane
Concen: 25.49 ng
RT: 2.36 min Scan# 68
Delta R.T. 0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	0.0	0.0#
43	25.5	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





#3

Pvridine

Concen: 13.88 ng

RT: 3.03 min Scan# 126

Delta R.T. 0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

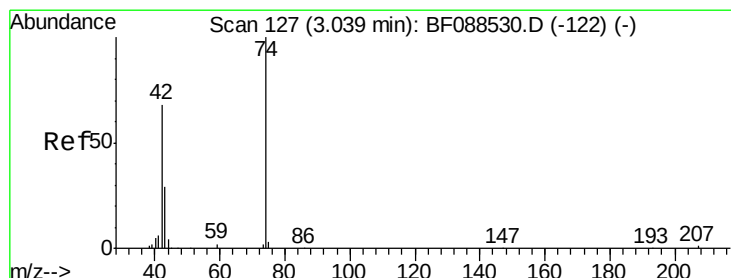
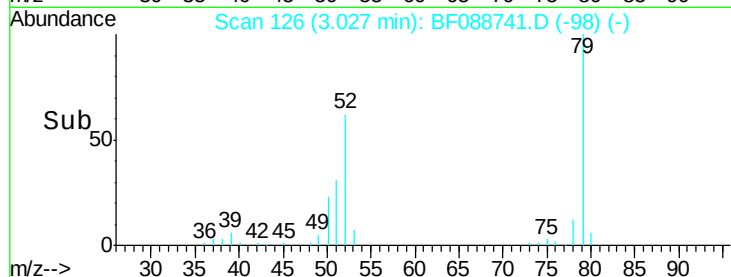
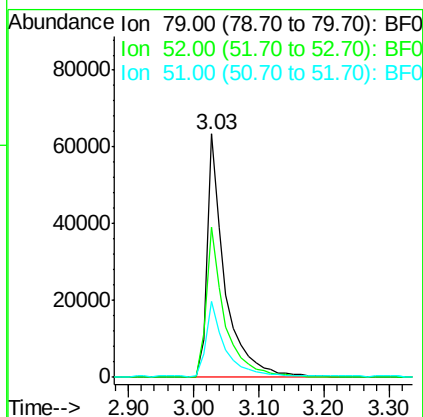
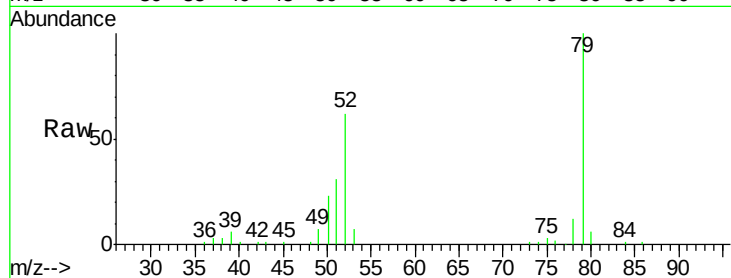
SB-13-COMPMS

Tot Ion:	79	Resp:	119822
Ion	Ratio	Lower	Upper
79	100		
52	61.9	56.3	84.5
51	31.2	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 18.15 ng

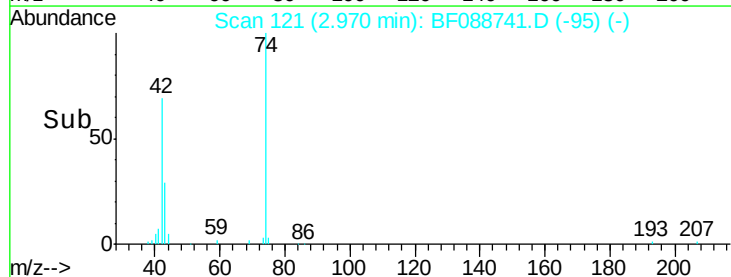
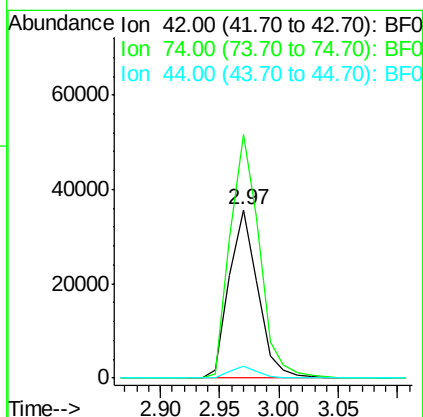
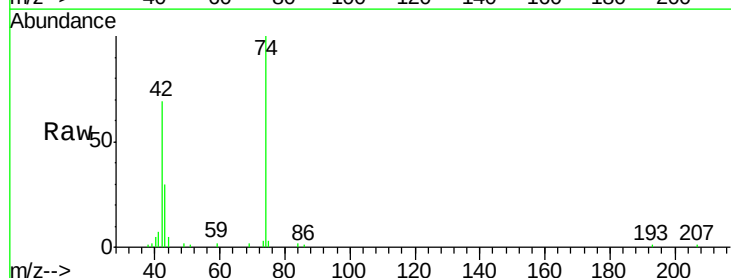
RT: 2.97 min Scan# 121

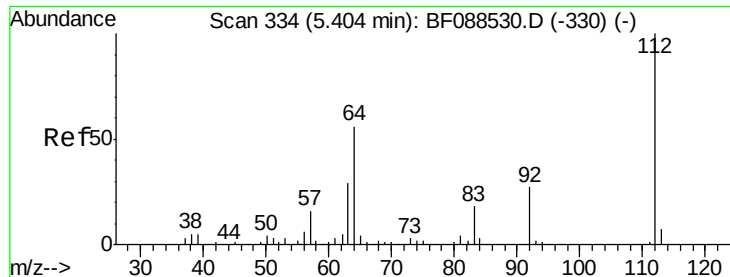
Delta R.T. -0.00 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tgt Ion:	42	Resp:	59866
Ion	Ratio	Lower	Upper
42	100		
74	144.8	108.6	163.0
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 98.43 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.02 min

Lab File: BF088741.D

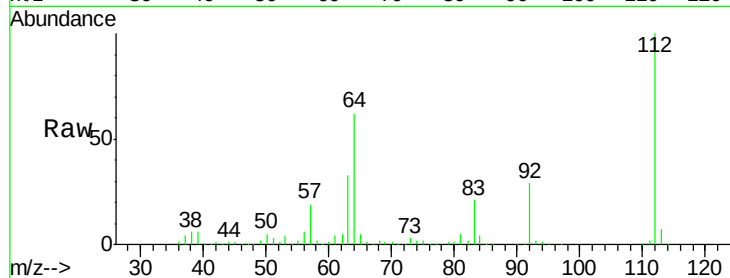
Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

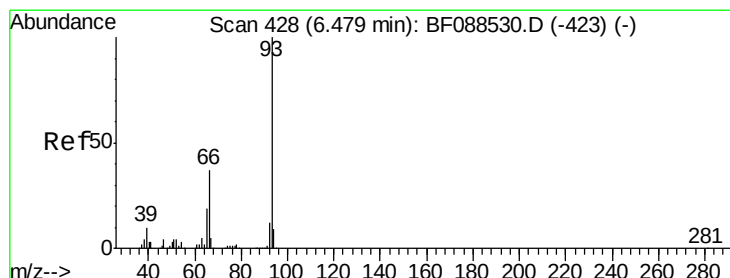
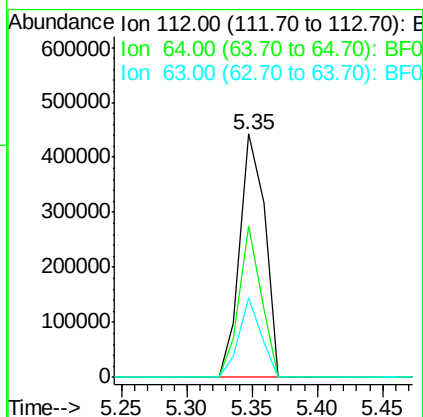
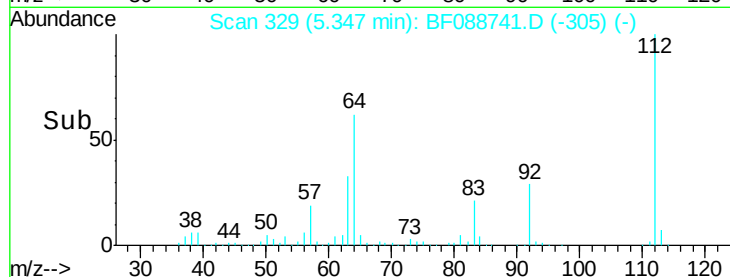


Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		590726		
64	62.2	42.2	63.2		
63	32.8	21.8	32.8#		

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#6

Aniline

Concen: 15.29 ng

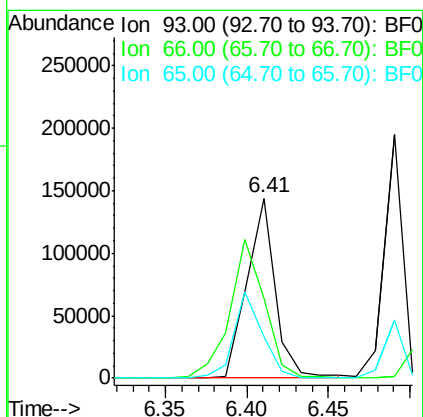
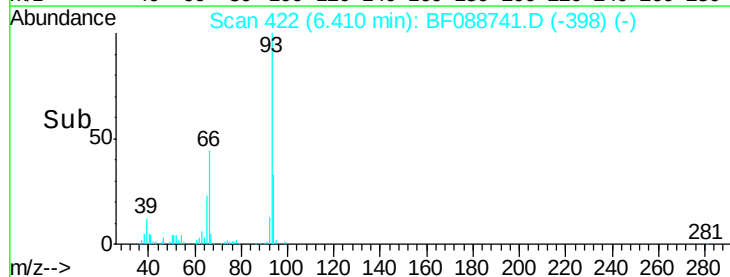
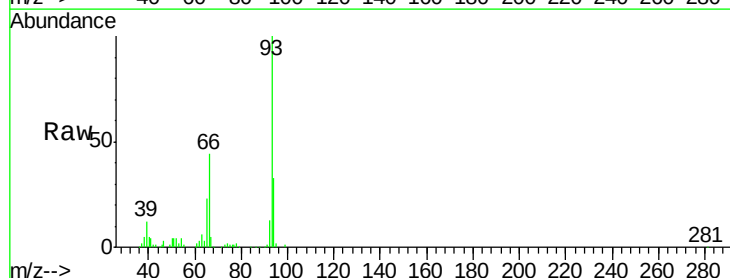
RT: 6.41 min Scan# 422

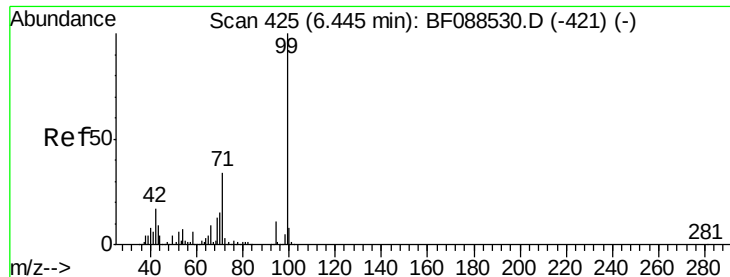
Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		172766		
66	44.1	29.8	44.8		
65	22.9	14.9	22.3#		





#7

Phenol-d6

Concen: 99.22 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion: 99 Resp: 769429

Ion Ratio Lower Upper

99 100

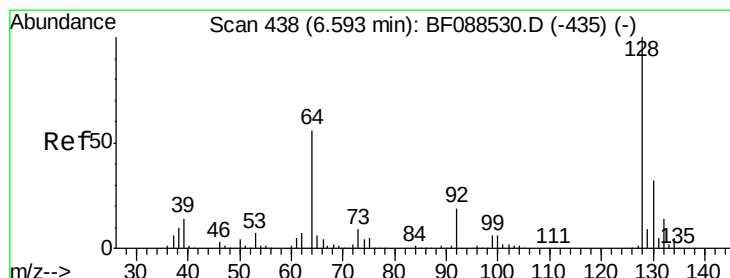
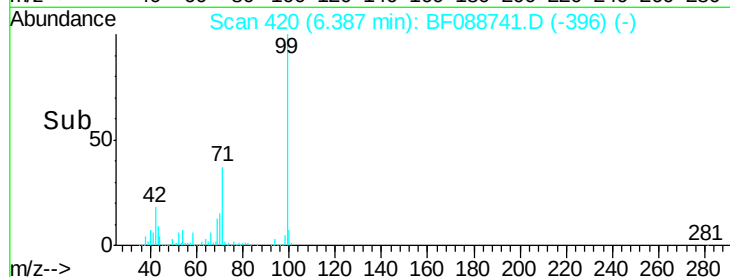
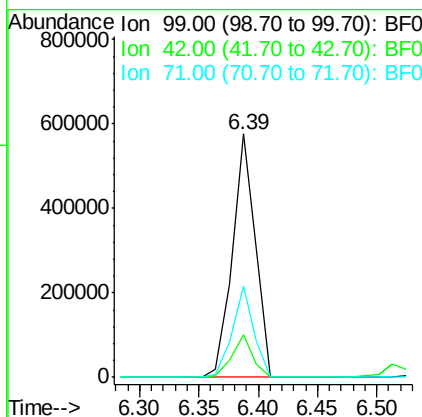
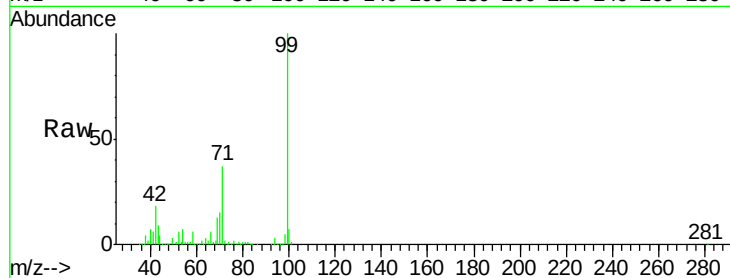
42 17.6 12.2 18.2

71 37.3 23.4 35.0#

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#8

2-Chlorophenol

Concen: 24.06 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

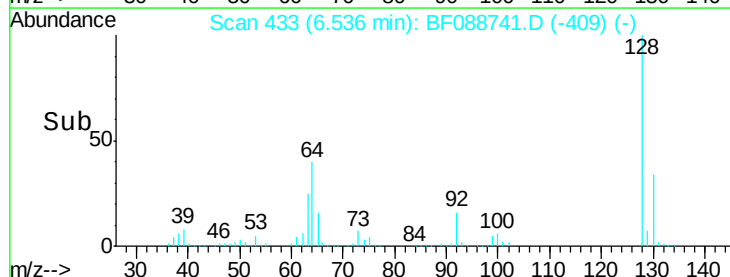
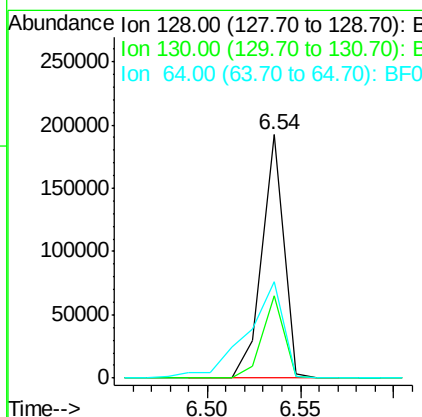
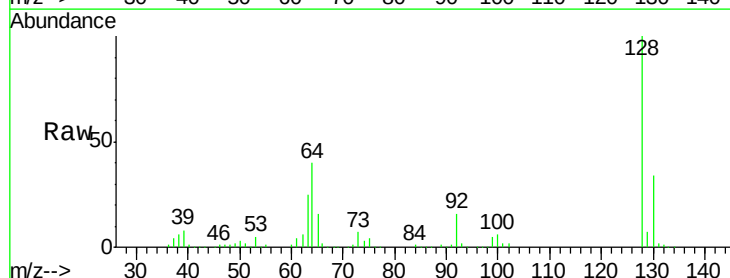
Tgt Ion: 128 Resp: 155200

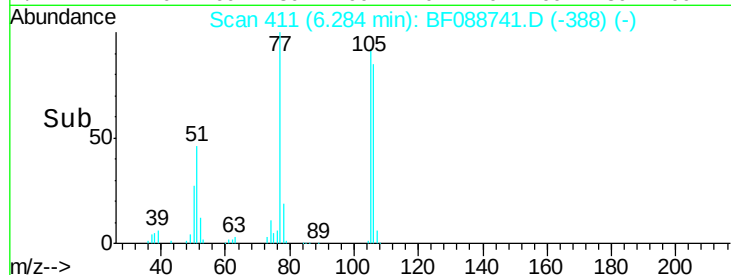
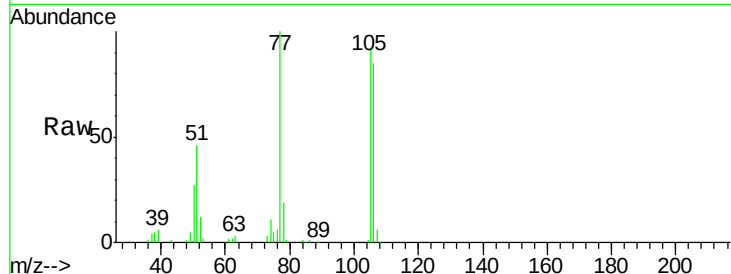
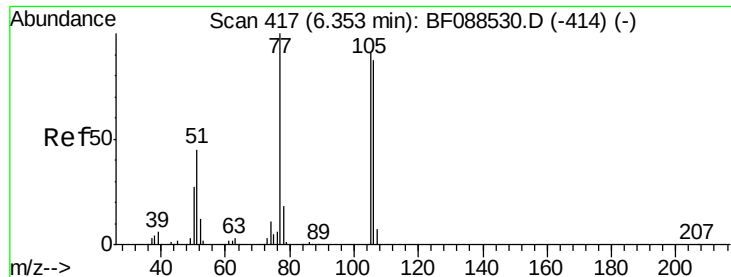
Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

64 39.6 30.8 70.8





#9

Benzaldehyde

Concen: 18.40 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tot Ion:	77	Resp:	96665
Ion	Ratio	Lower	Upper
77	100		
105	91.8	90.6	130.6
106	84.8	85.3	125.3

Instrument :

BNA_F

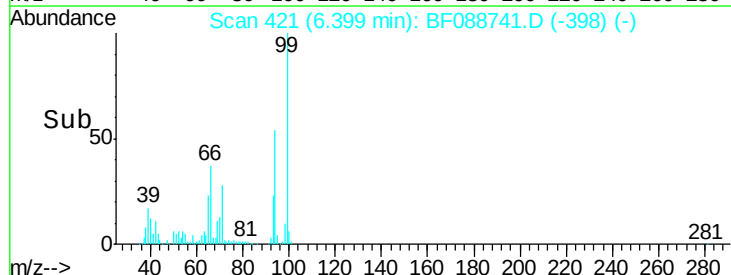
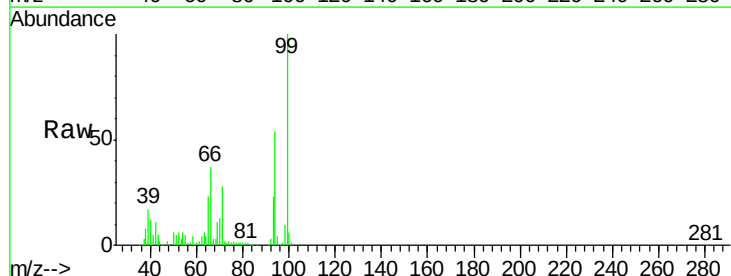
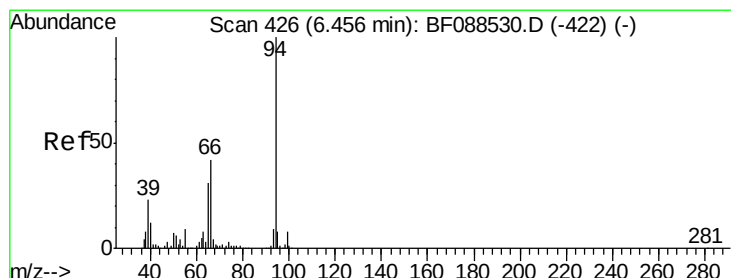
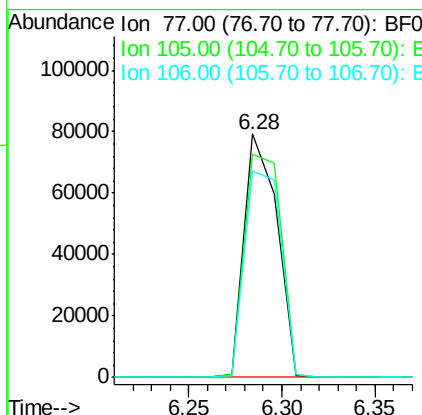
ClientSampleId :

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#10

Phenol

Concen: 17.97 ng

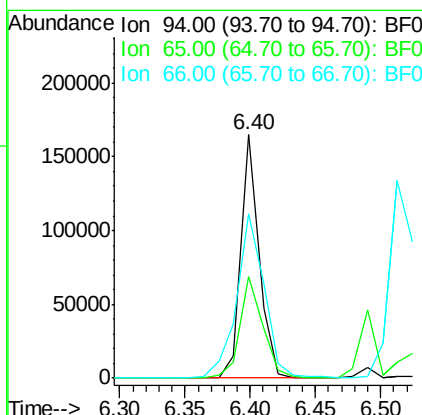
RT: 6.40 min Scan# 421

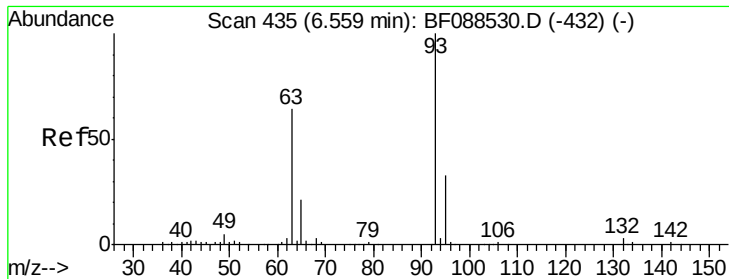
Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tgt Ion:	94	Resp:	159075
Ion	Ratio	Lower	Upper
94	100		
65	41.8	5.9	45.9
66	67.5	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 22.78 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

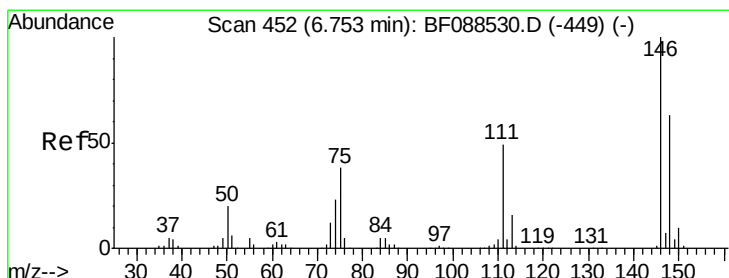
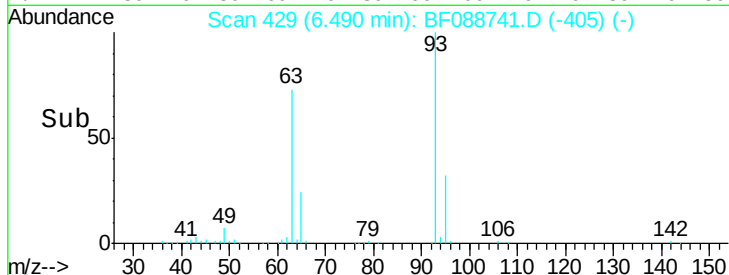
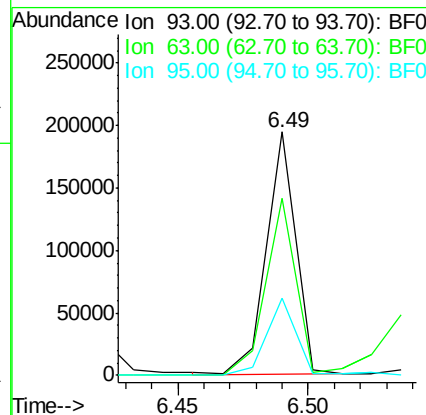
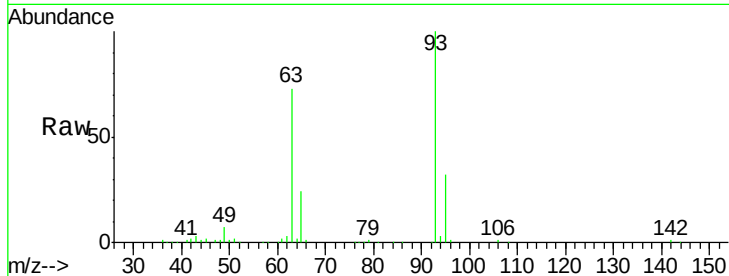
SB-13-COMPMS

Tot Ion:	93	Resp:	150334
Ion	Ratio	Lower	Upper
93	100		
63	72.8	67.6	107.6
95	31.9	12.5	52.5

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 20.29 ng m

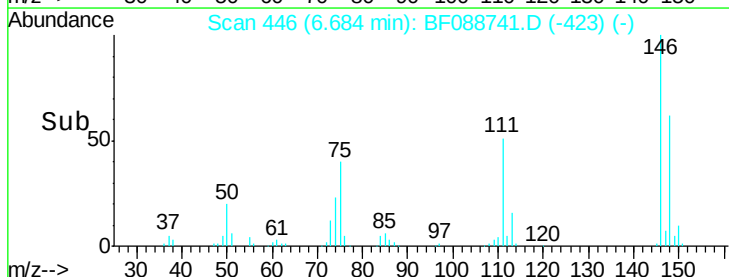
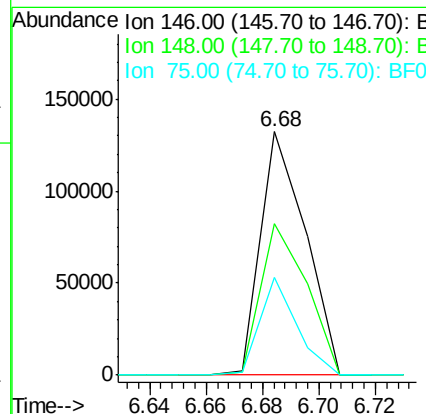
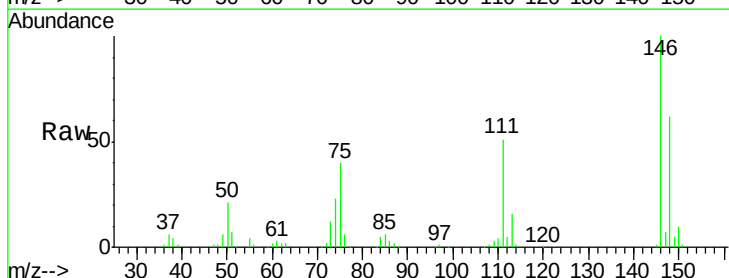
RT: 6.68 min Scan# 446

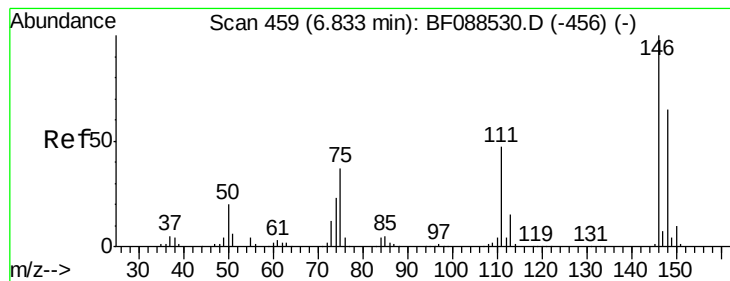
Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tgt Ion:	146	Resp:	144037
Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.9	76.3
75	40.1	25.6	38.4#





#13

1,4-Dichlorobenzene

Concen: 21.41 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion:146 Resp: 150848

Ion Ratio Lower Upper

146 100

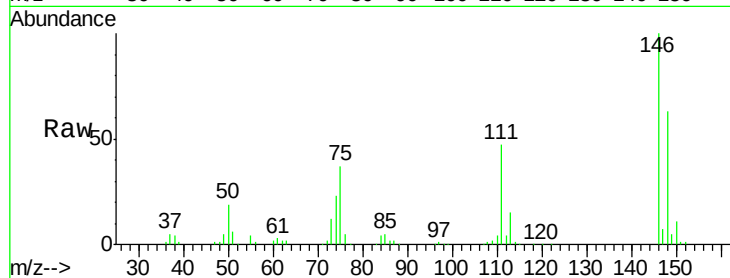
148 62.6 52.0 78.0

111 46.8 33.8 50.8

Manual Integrations

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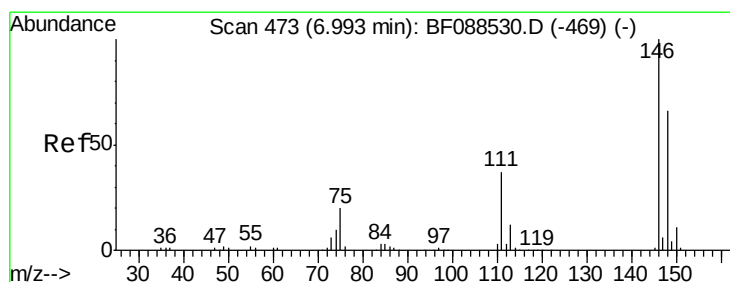
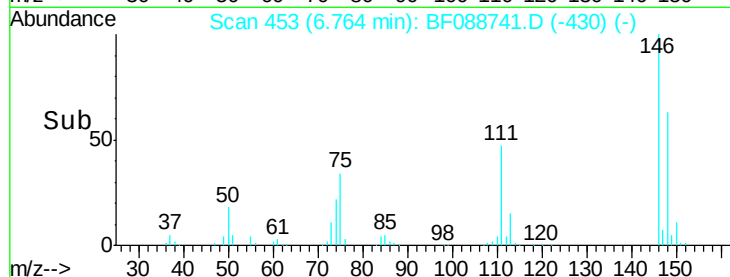
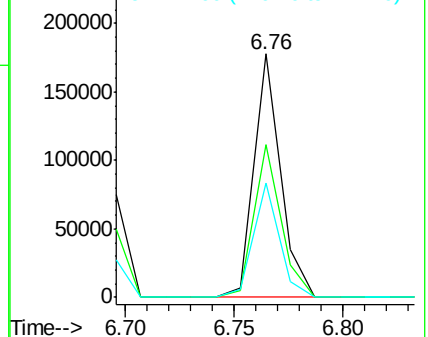
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 21.49 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tgt Ion:146 Resp: 141736

Ion Ratio Lower Upper

146 100

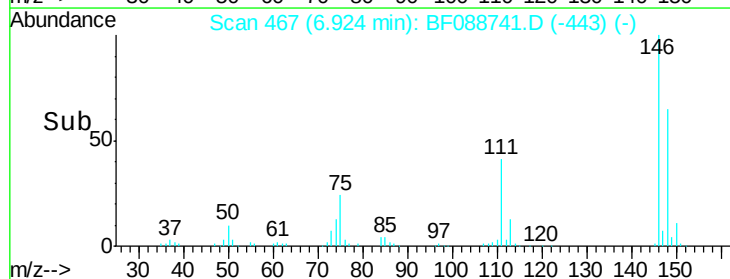
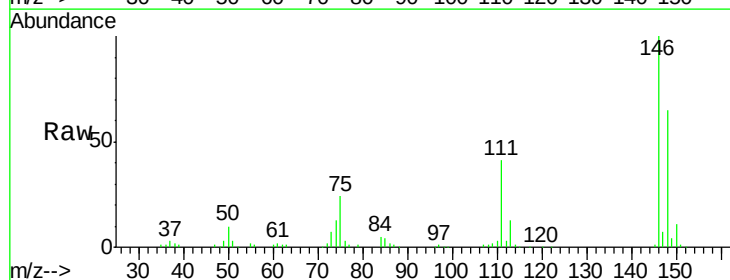
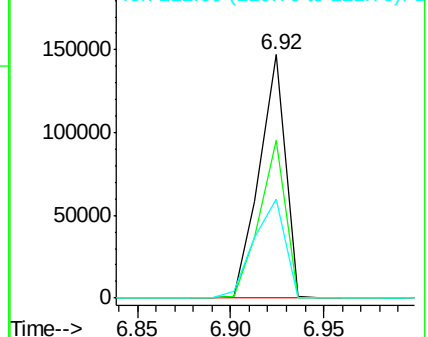
148 64.8 52.3 78.5

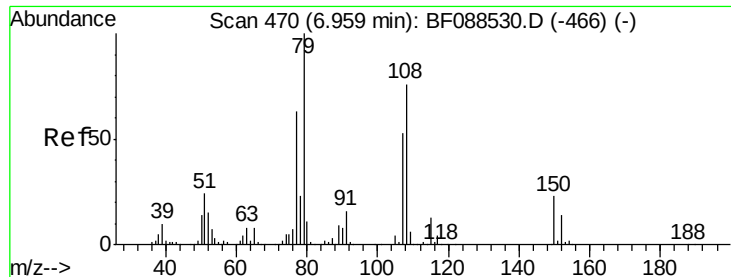
111 40.6 28.7 43.1

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: 23.87 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion: 79 Resp: 136242

Ion Ratio Lower Upper

79 100

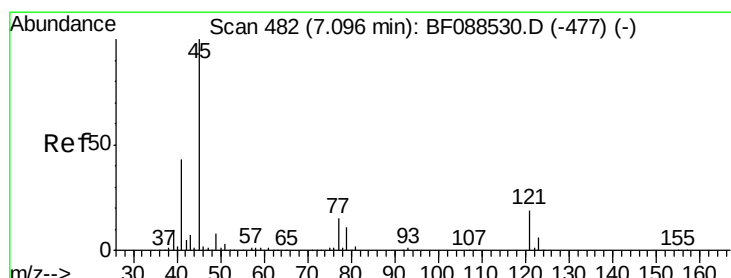
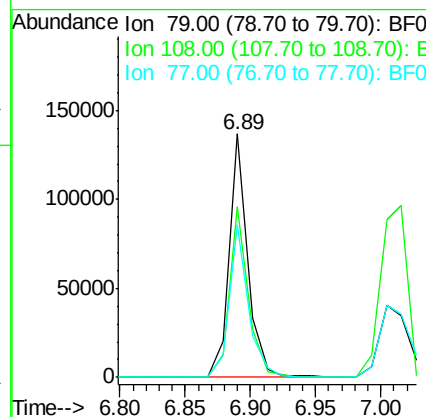
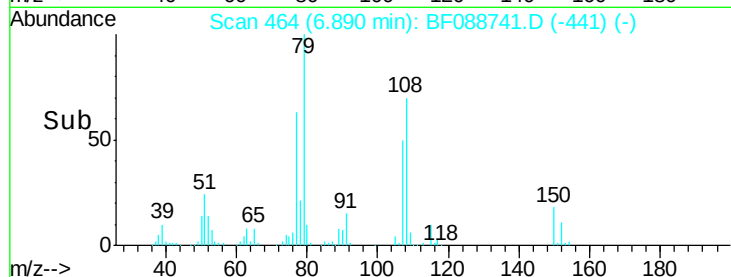
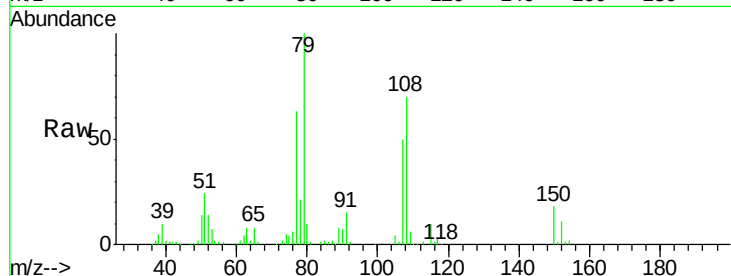
108 70.2 65.0 97.6

77 62.9 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 18.62 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

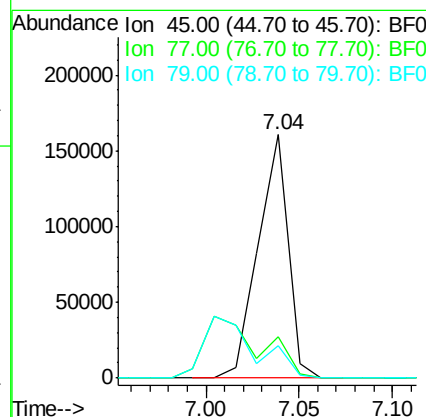
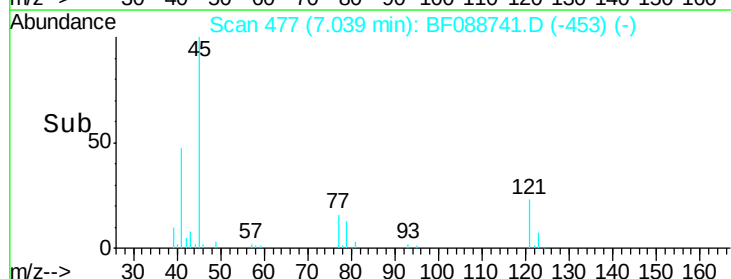
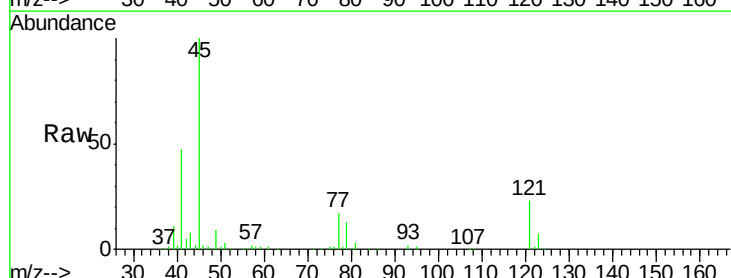
Tgt Ion: 45 Resp: 177952

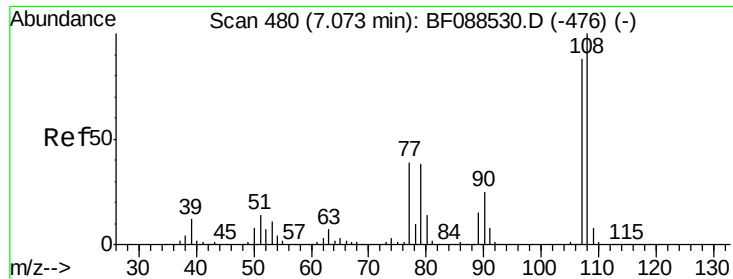
Ion Ratio Lower Upper

45 100

77 16.8 0.0 32.5

79 13.4 0.0 29.5





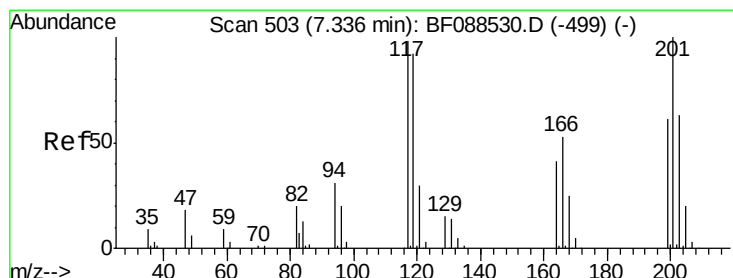
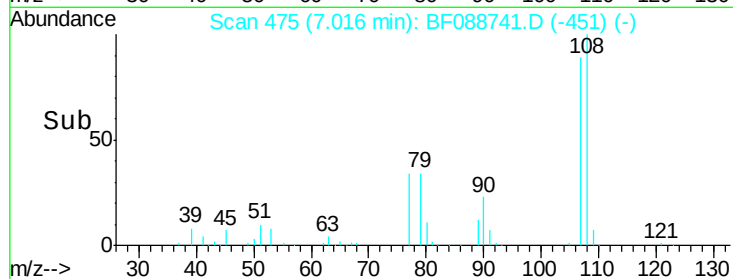
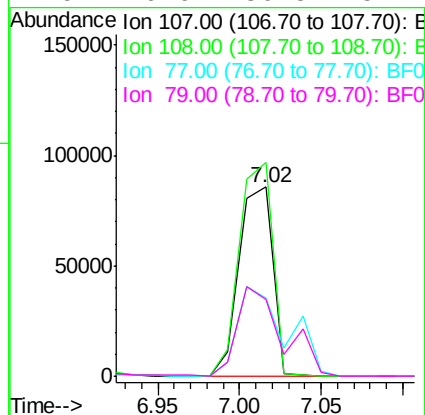
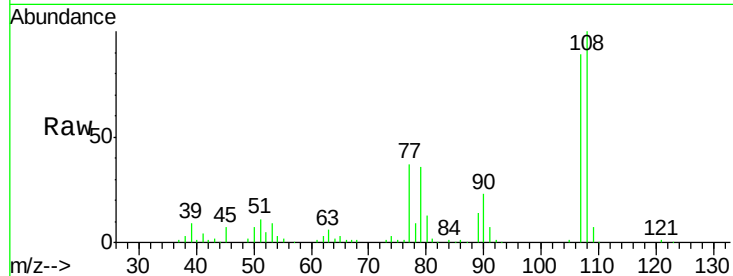
#17
2-Methylphenol
Concen: 23.32 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	122704		
108	108.00	112.9		90.9	136.3
77	77.00	41.2		36.6	55.0
79	79.00	40.6		36.5	54.7

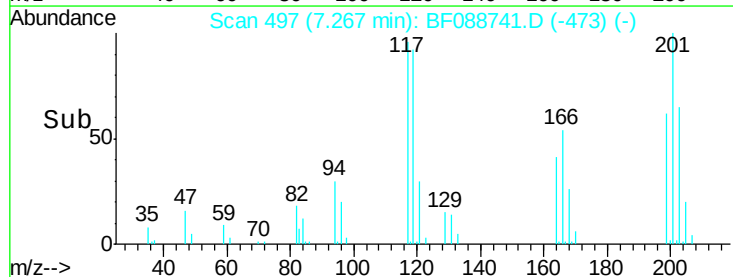
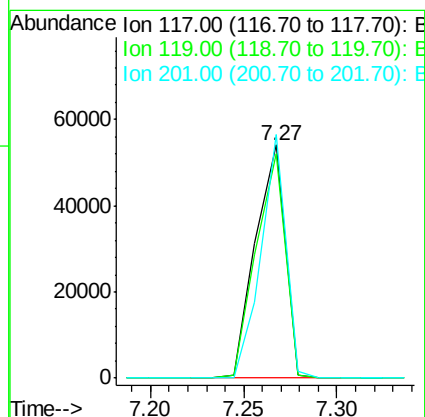
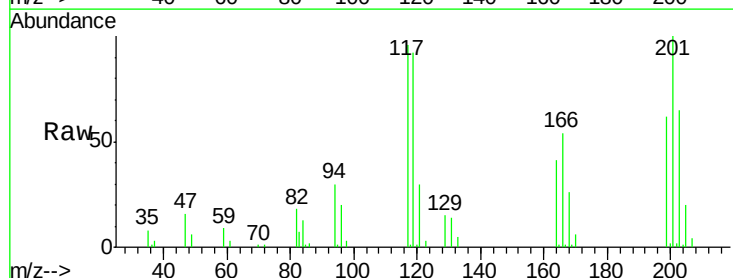
Manual Integrations

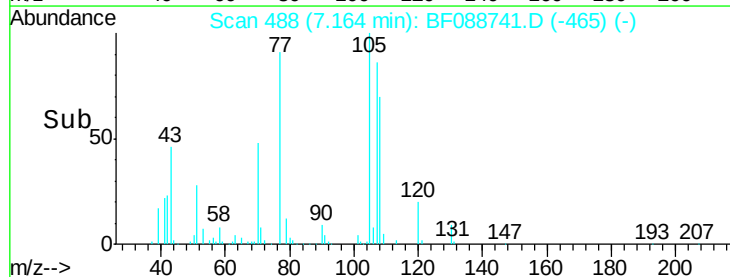
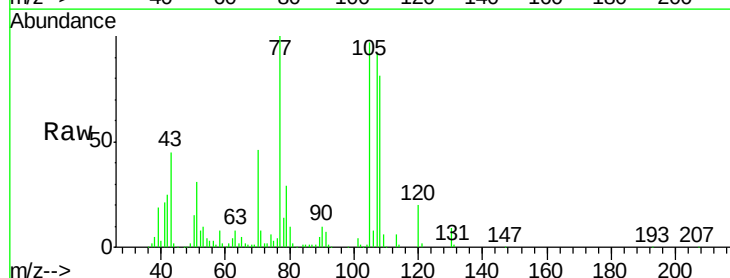
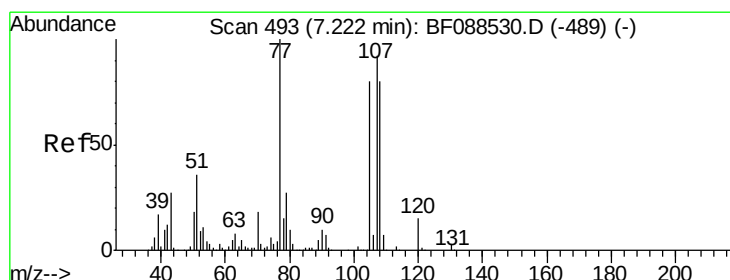
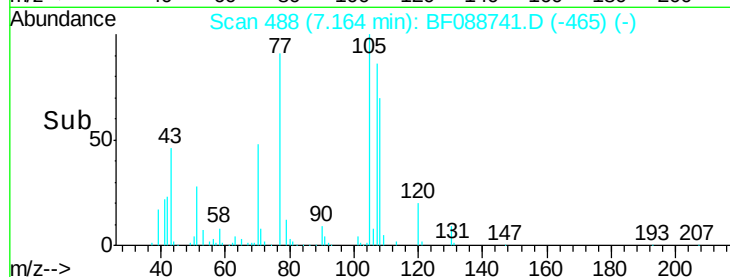
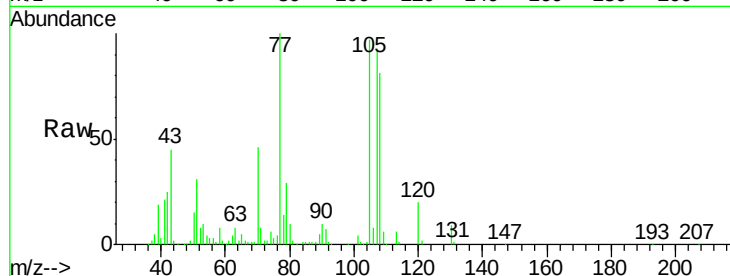
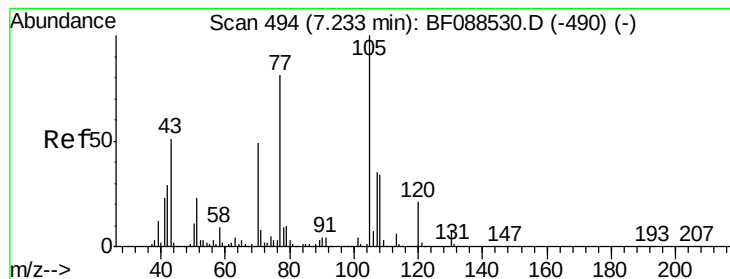
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#18
Hexachloroethane
Concen: 21.79 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	59385		
119	119.00	96.3		77.4	116.2
201	201.00	104.5		80.4	120.6





#19

n-Nitroso-di-n-propylamine

Concen: 20.50 ng

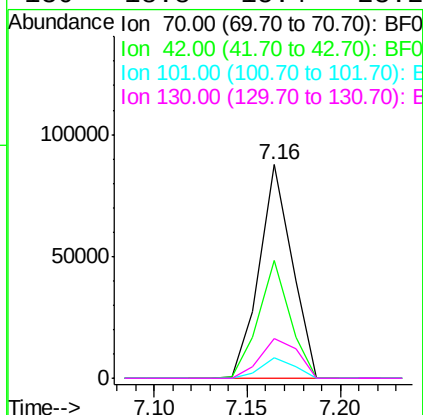
RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tot Ion:	70	Resp:	106780
Ion Ratio	Lower	Upper	
70	100		
42	55.2	49.6	74.4
101	9.4	7.1	10.7
130	18.8	15.4	23.2



Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Manual Integrations

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#20

3+4-Methylphenols

Concen: 24.38 ng

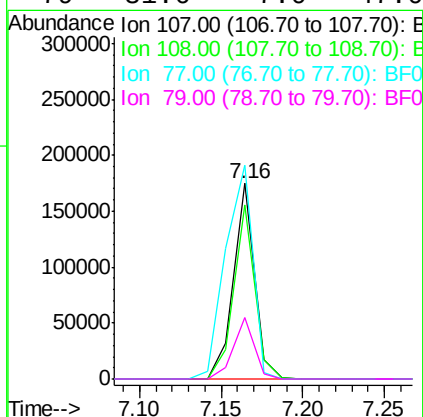
RT: 7.16 min Scan# 488

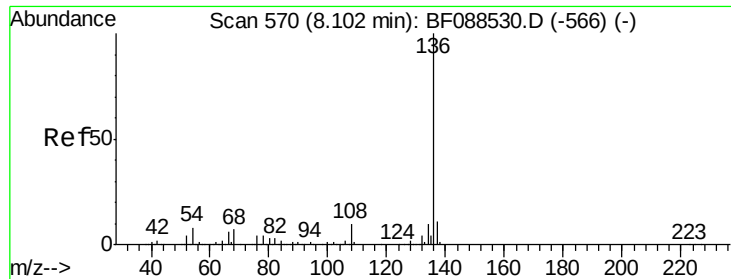
Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tgt Ion:	107	Resp:	153985
Ion Ratio	Lower	Upper	
107	100		
108	88.9	67.8	107.8
77	109.2	59.3	99.3#
79	31.6	7.0	47.0





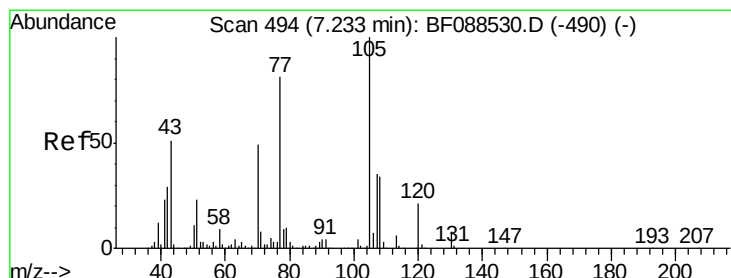
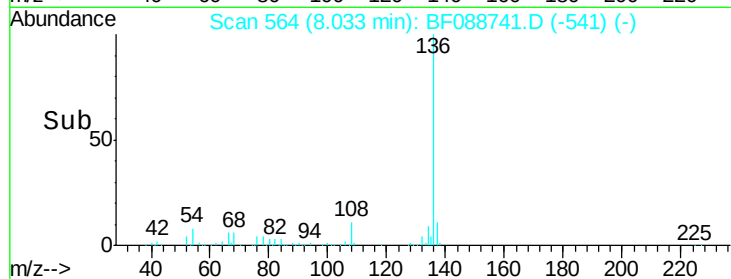
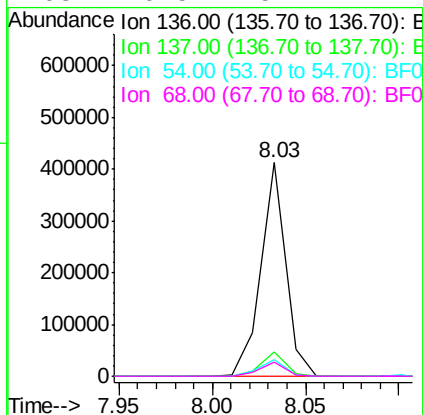
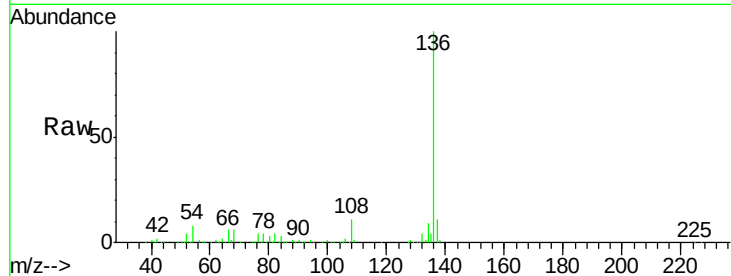
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion:	136	Resp:	376464
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.8	6.6	10.0
68	6.5	5.1	7.7

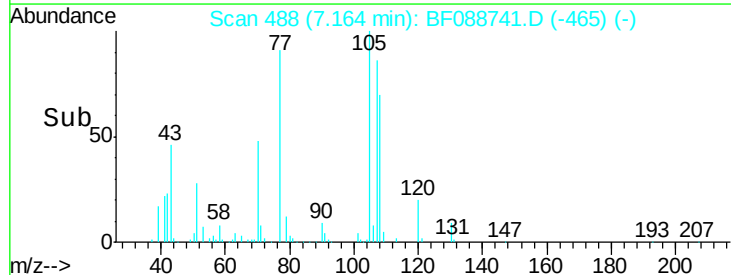
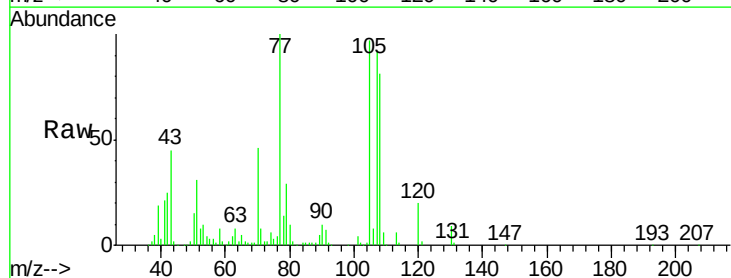
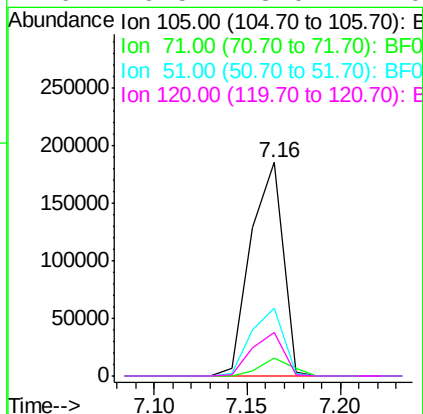
Manual Integrations

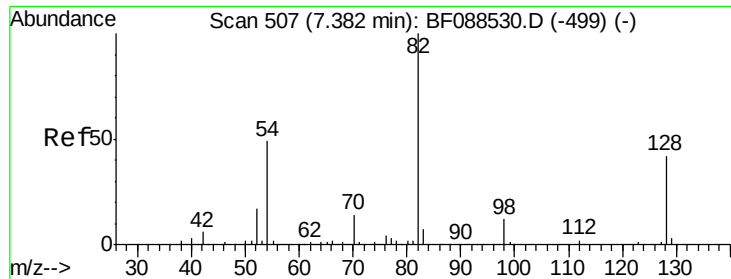
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#22
Acetophenone
Concen: 24.30 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion:	105	Resp:	222077
Ion Ratio	Lower	Upper	
105	100		
71	8.2	5.3	7.9#
51	31.7	18.2	27.4#
120	20.5	18.0	27.0





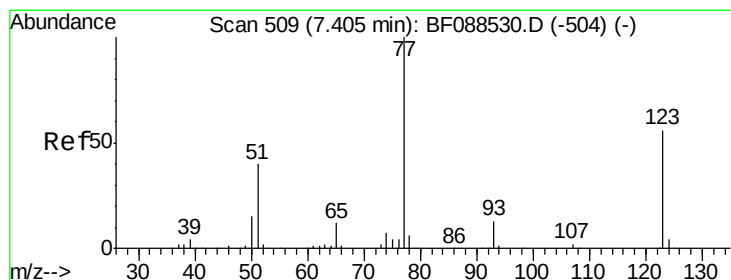
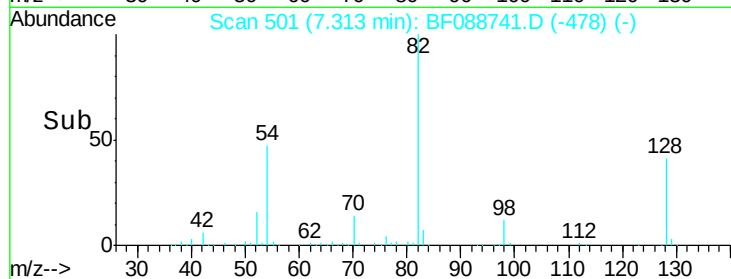
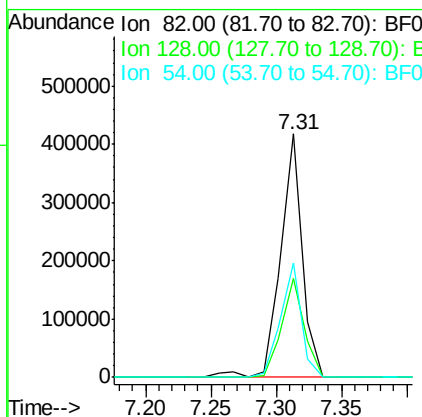
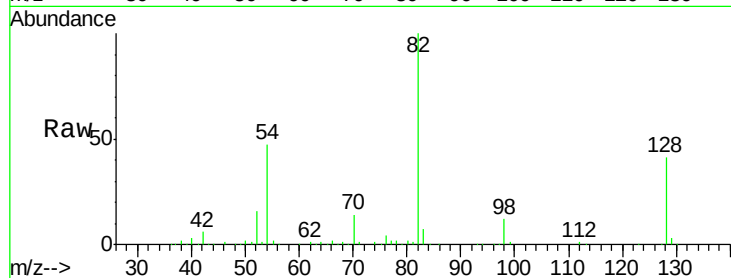
#23
 Nitrobenzene-d5
 Concen: 67.76 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	82	Resp	486743
Ion Ratio	100	Lower	Upper
82	100		
128	40.9	35.9	53.9
54	47.2	40.9	61.3

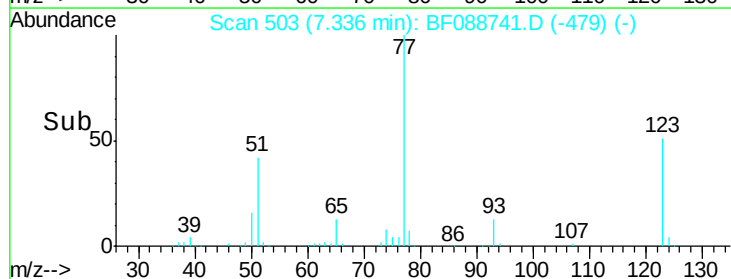
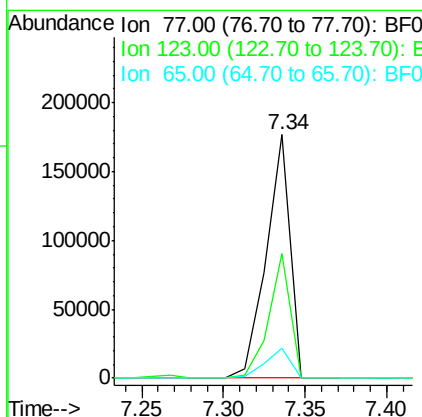
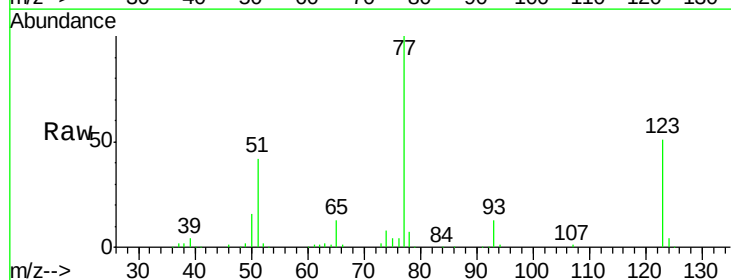
Manual Integrations

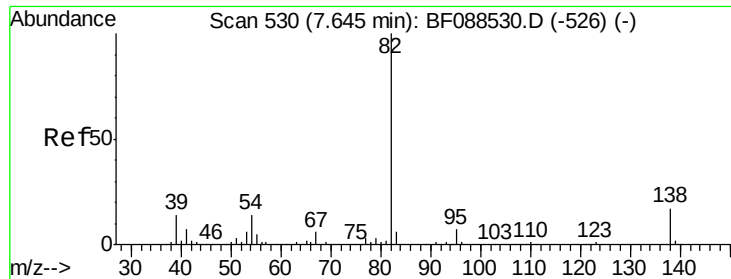
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#24
 Nitrobenzene
 Concen: 24.71 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Tgt Ion	77	Resp	178966
Ion Ratio	100	Lower	Upper
77	100		
123	51.1	45.0	67.4
65	12.5	10.2	15.2





#25

Isophorone

Concen: 24.03 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion: 82 Resp: 319781

Ion Ratio Lower Upper

82 100

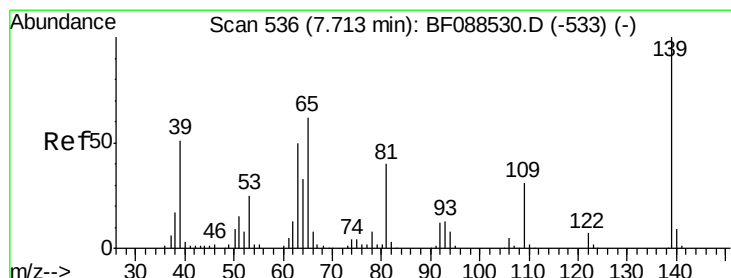
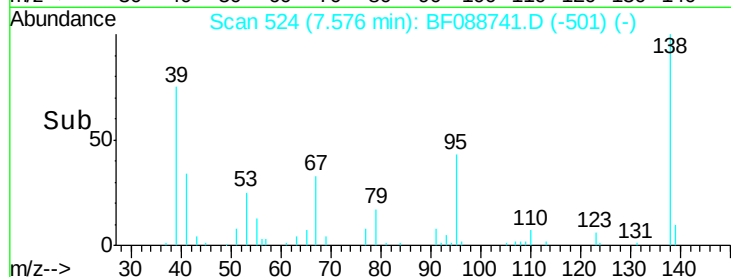
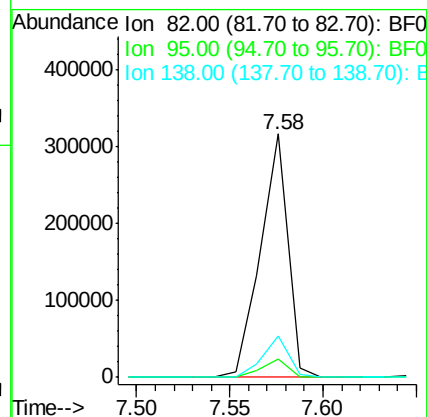
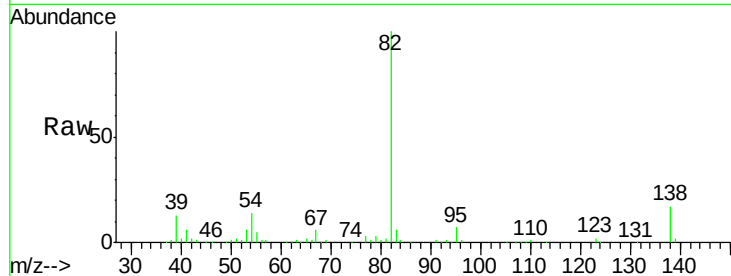
95 7.4 5.4 8.2

138 17.0 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 25.15 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

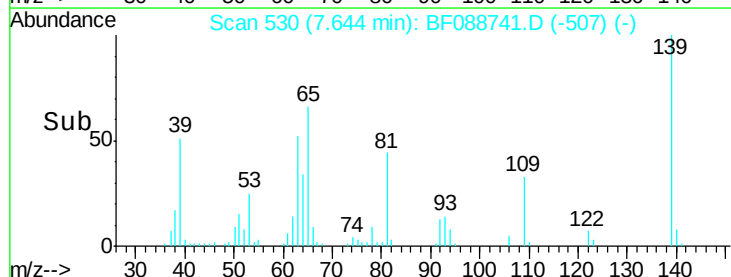
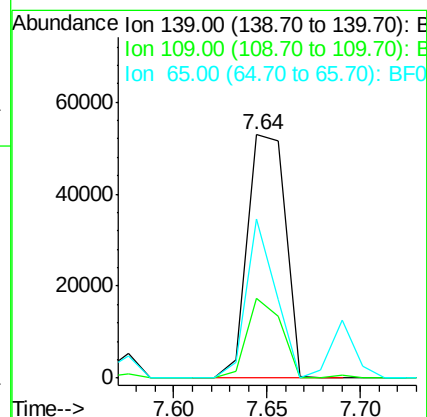
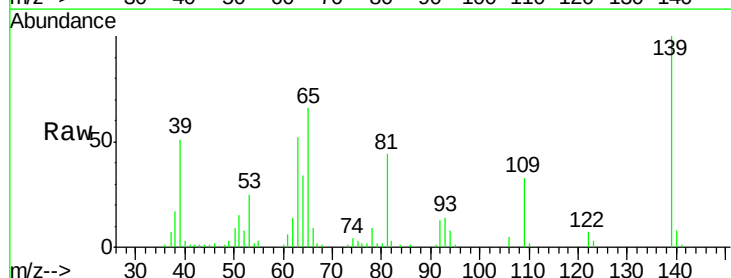
Tgt Ion: 139 Resp: 74698

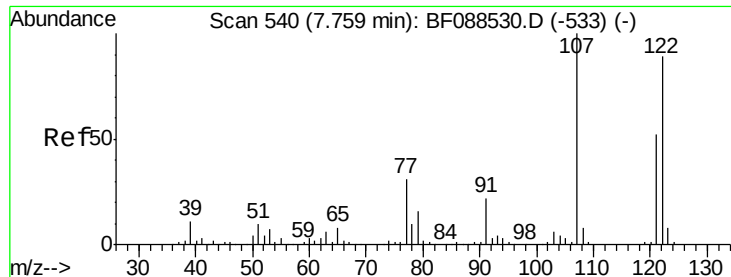
Ion Ratio Lower Upper

139 100

109 32.6 23.0 34.4

65 65.5 45.8 68.8





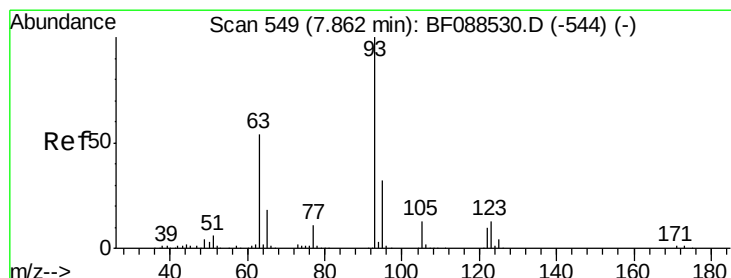
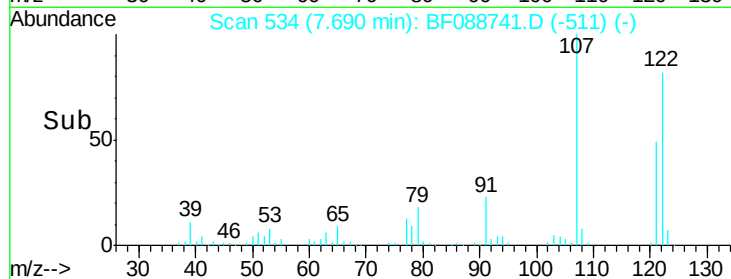
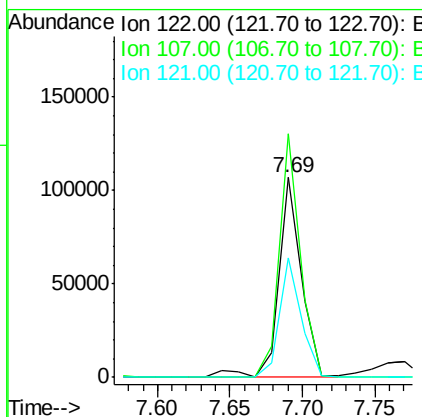
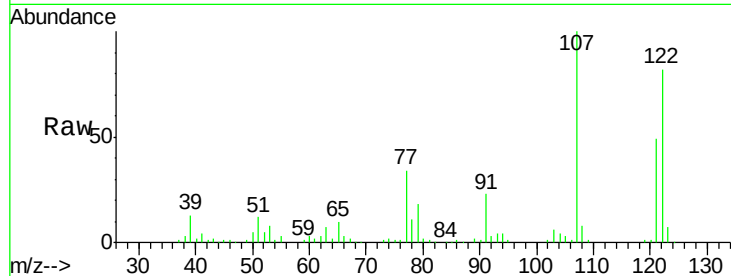
#27
2,4-Dimethylphenol
Concen: 18.80 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		116308		
107	122.0	82.4	123.6		
121	59.8	46.3	69.5		

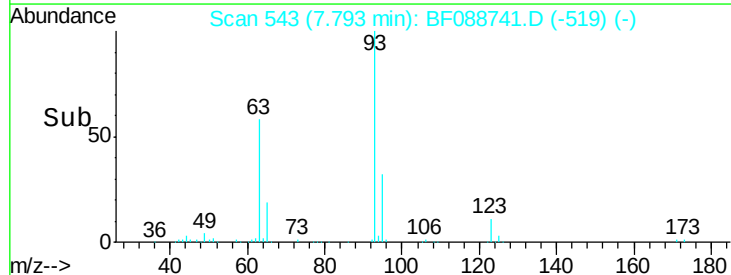
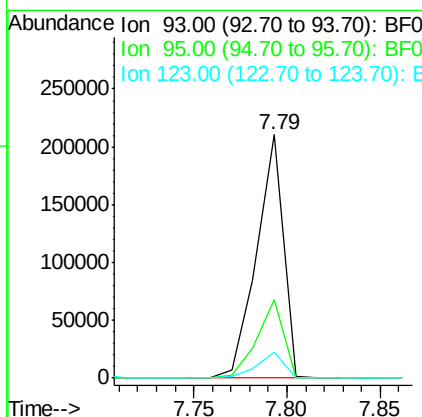
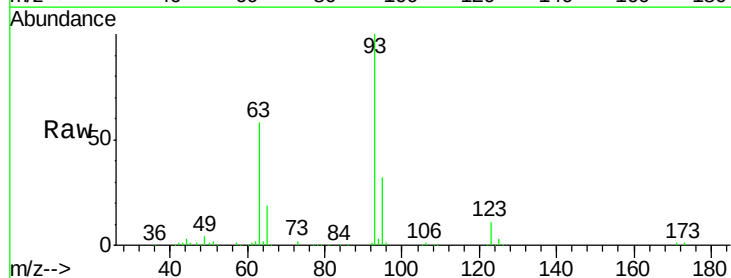
Manual Integrations

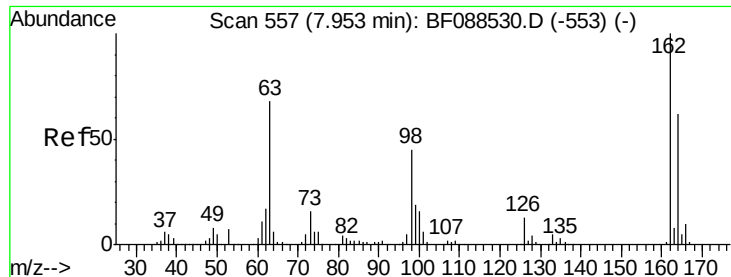
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#28
bis(2-Chloroethoxy)methane
Concen: 24.01 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		207944		
95	32.4	26.5	39.7		
123	10.5	11.6	17.4#		





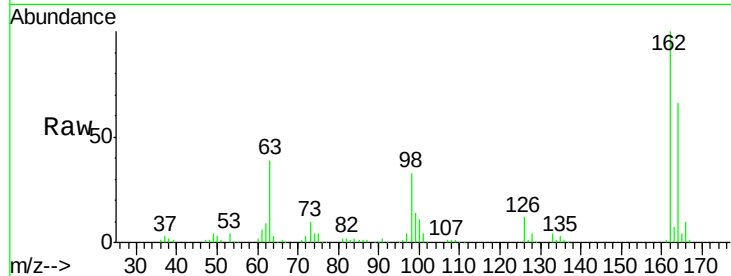
#29
 2,4-Dichlorophenol
 Concen: 25.22 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

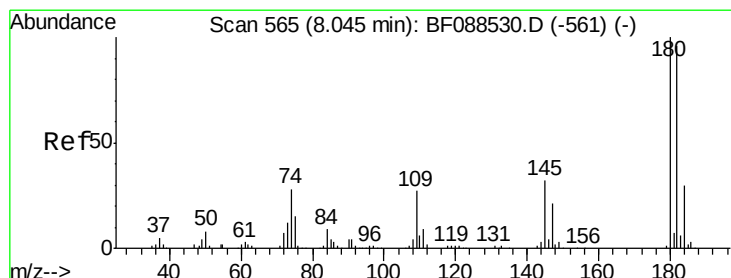
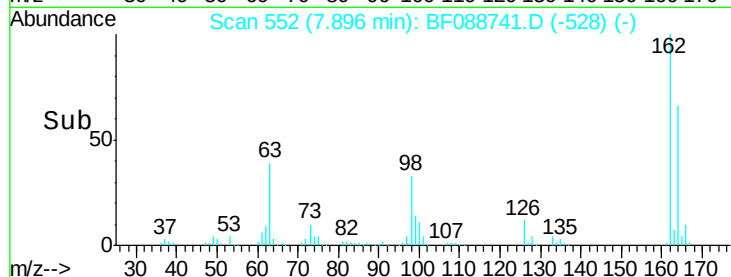
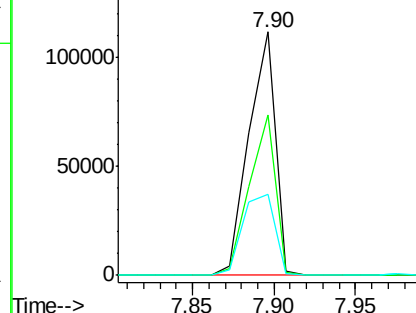
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		126086		
164	65.7	43.8	83.8		
98	33.1	21.3	61.3		

Manual Integrations

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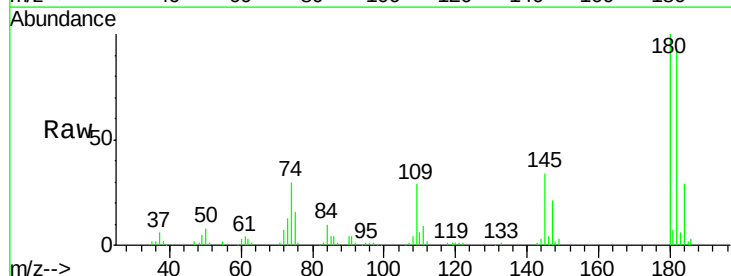


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

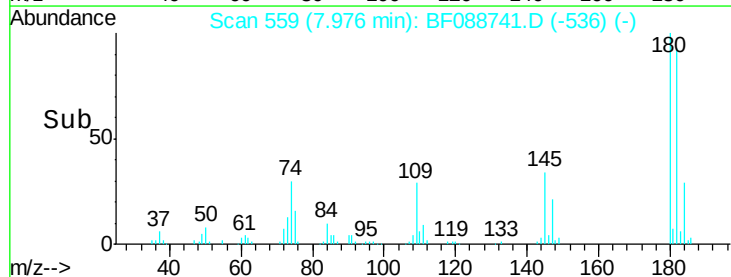
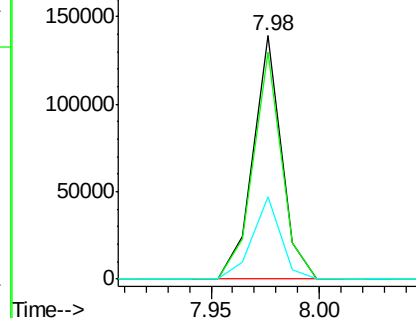


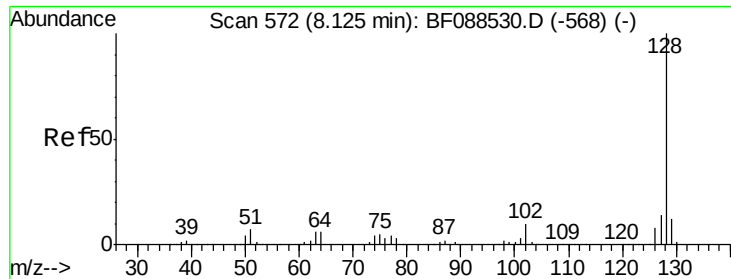
#30
 1,2,4-Trichlorobenzene
 Concen: 23.06 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		126528		
182	93.5	76.0	114.0		
145	33.6	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





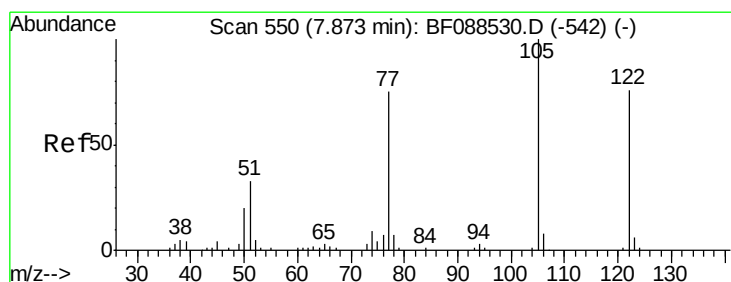
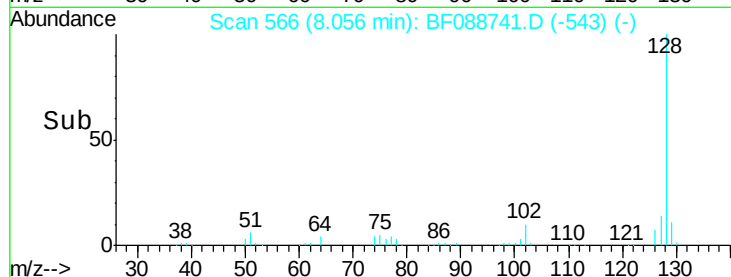
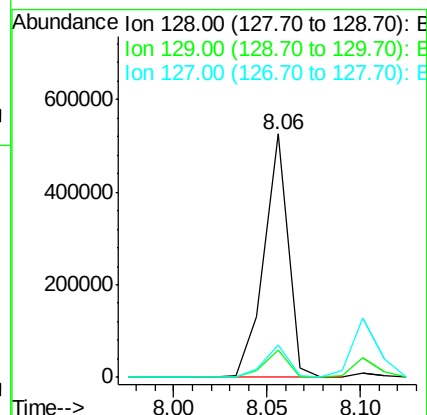
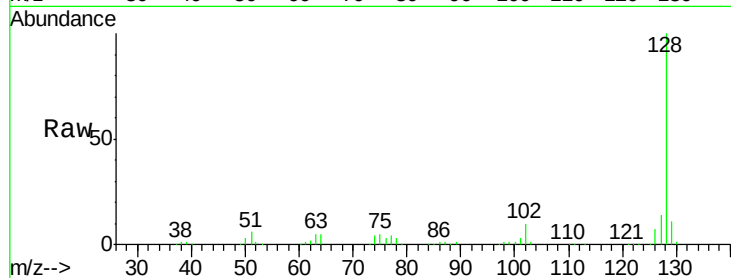
#31
Naphthalene
Concen: 25.17 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.5	10.9	16.3

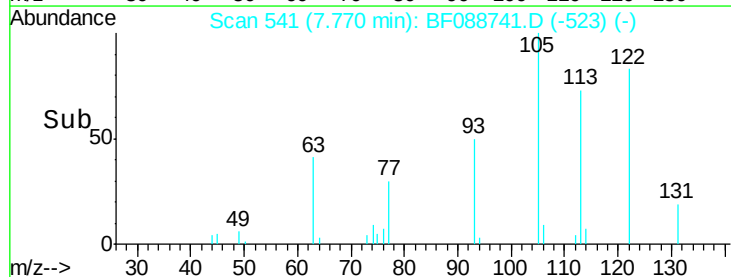
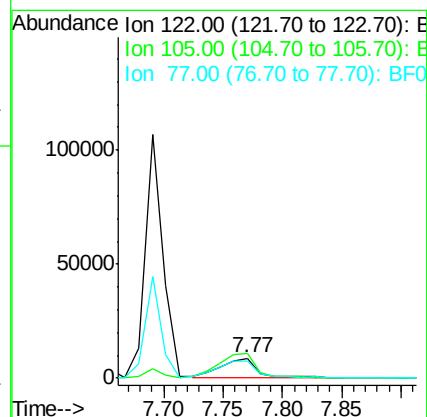
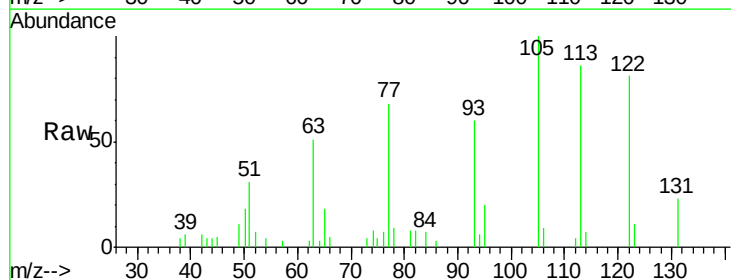
Manual Integrations

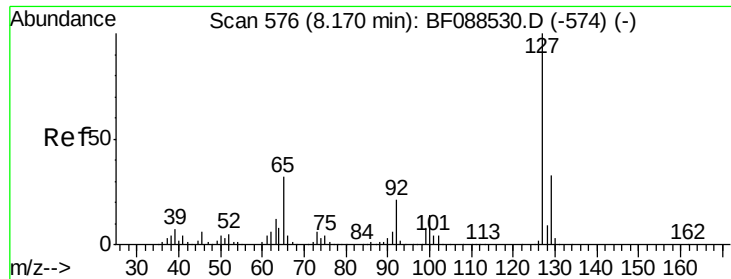
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#32
Benzoic acid
Concen: 4.26 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.09 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	101.6	141.6
77	84.7	70.6	110.6





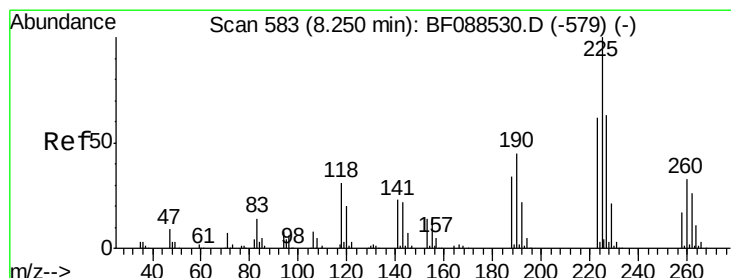
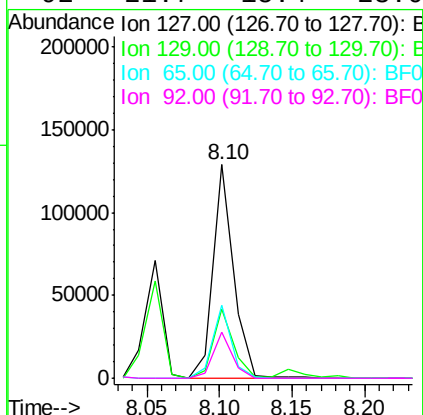
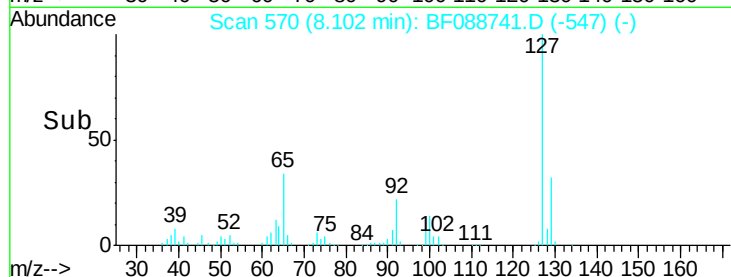
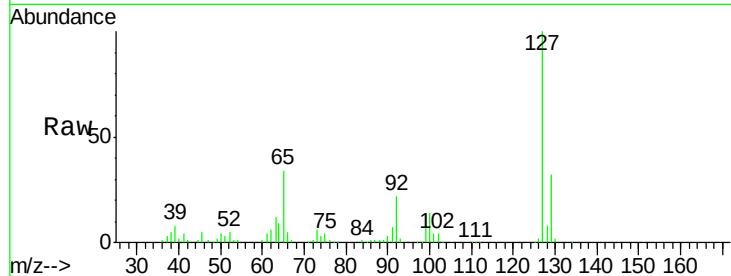
#33
 4-Chloroaniline
 Concen: 15.37 ng
 RT: 8.10 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion:	127	Resp:	126923
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.3	39.5
65	34.0	24.7	37.1
92	21.7	15.4	23.0

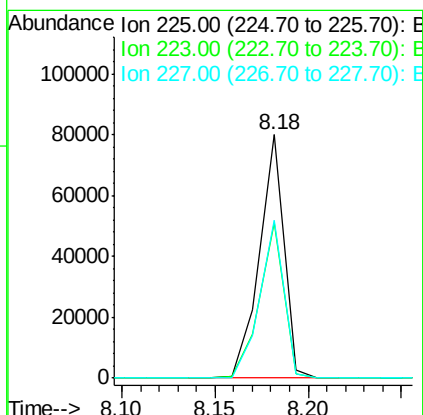
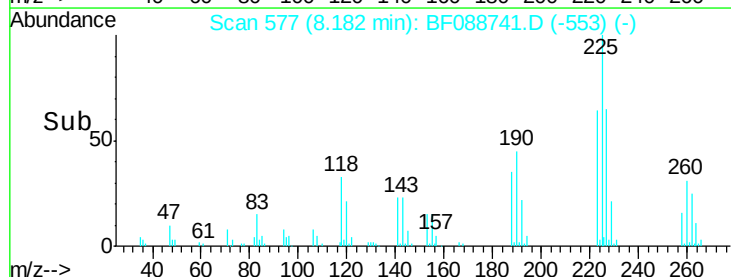
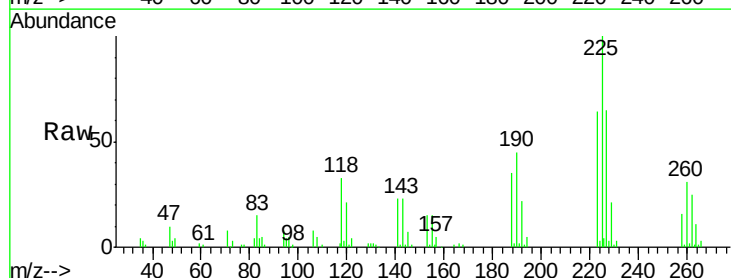
Manual Integrations

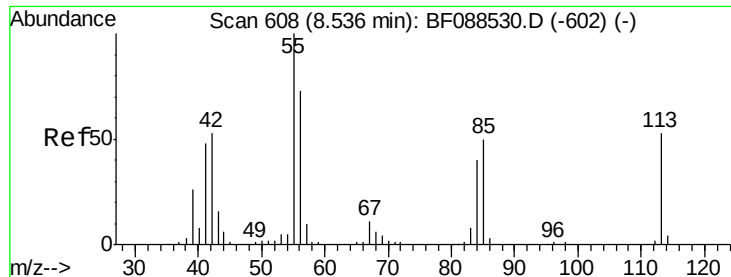
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#34
 Hexachlorobutadiene
 Concen: 24.68 ng
 RT: 8.18 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Tgt Ion:	225	Resp:	72494
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.9	76.3
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 21.93 ng/ml

RT: 8.51 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion:113 Resp: 37235

Ion Ratio Lower Upper

113 100

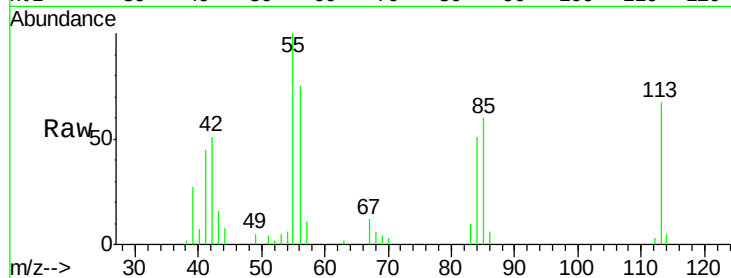
55 148.7 158.6 198.6#

56 111.5 110.6 150.6

Manual Integrations

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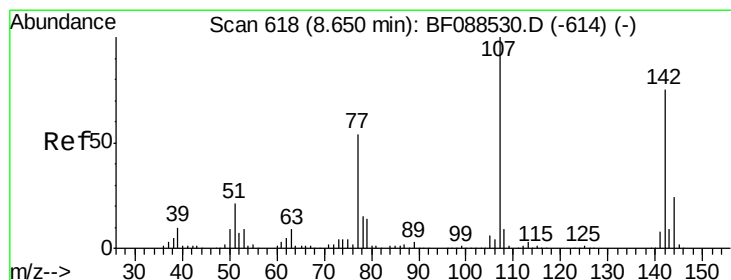
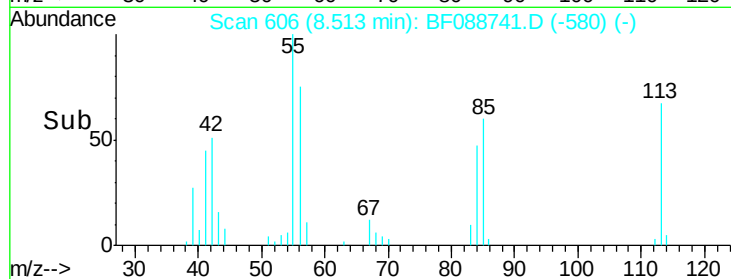
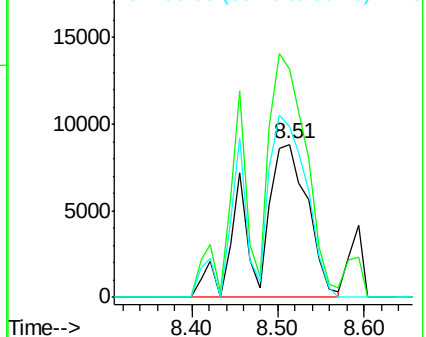
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 25.79 ng/ml

RT: 8.59 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

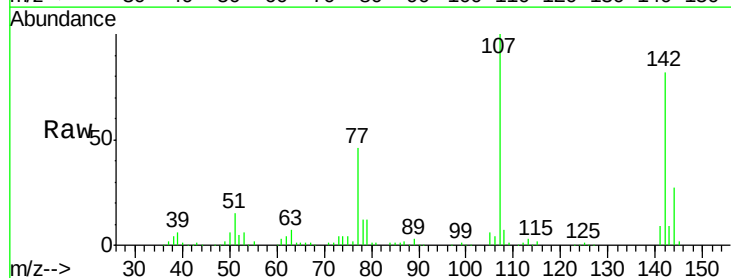
Tgt Ion:107 Resp: 152475

Ion Ratio Lower Upper

107 100

144 27.1 20.8 31.2

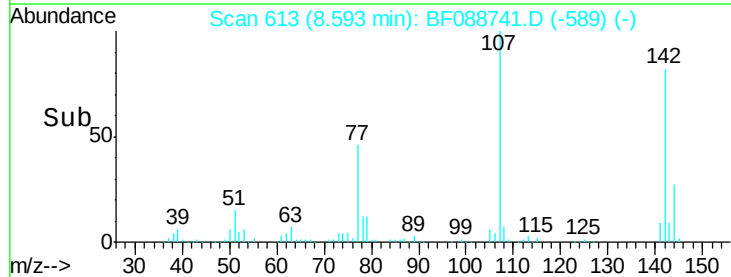
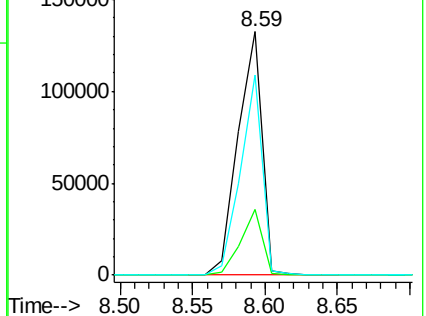
142 82.3 63.4 95.2

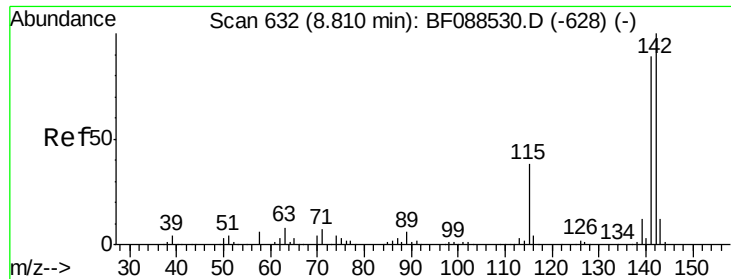


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





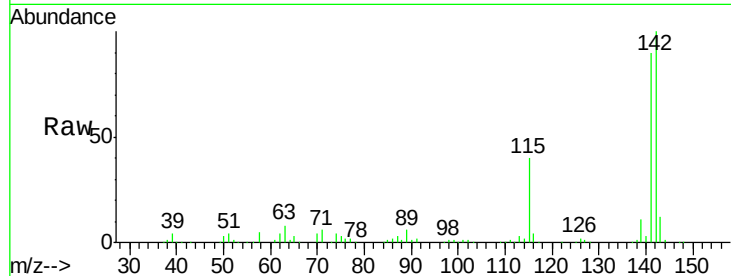
#37
2-Methylnaphthalene
Concen: 23.32 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

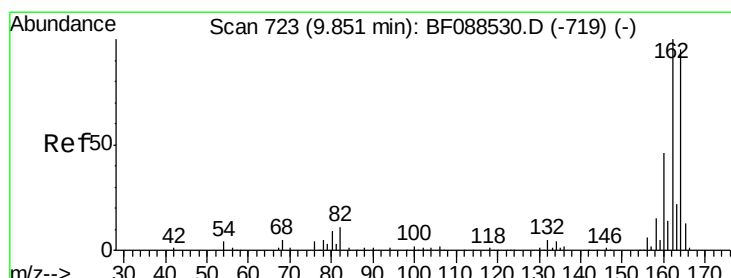
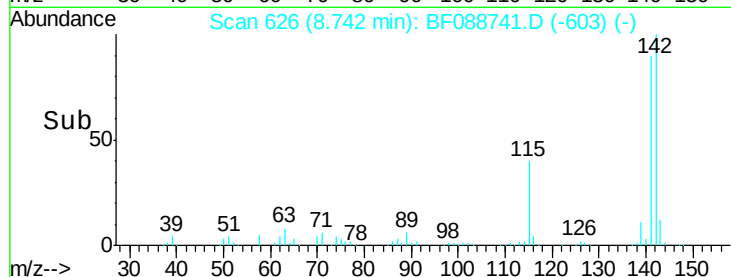
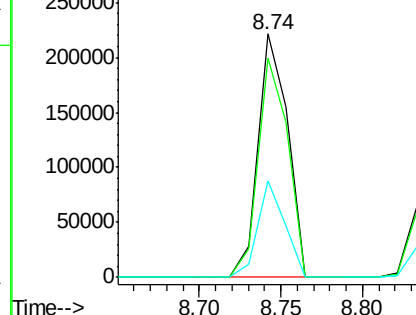
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	39.7	22.6	33.8

Manual Integrations

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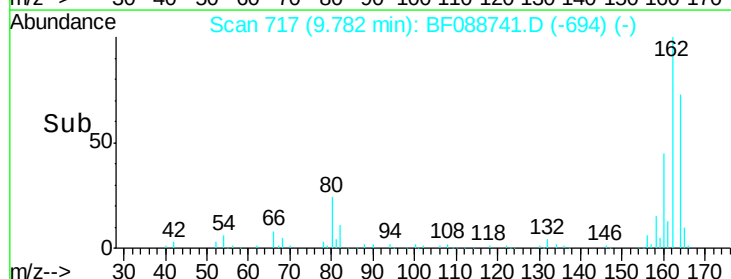
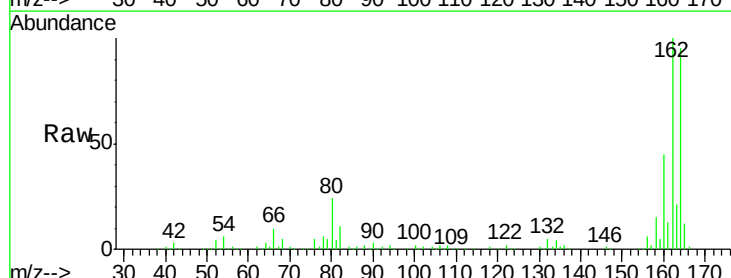
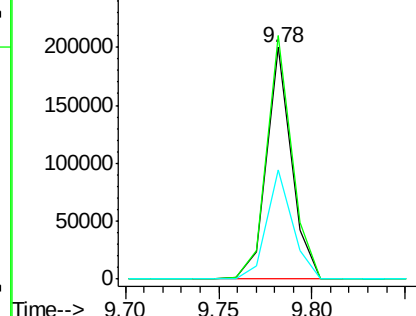
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

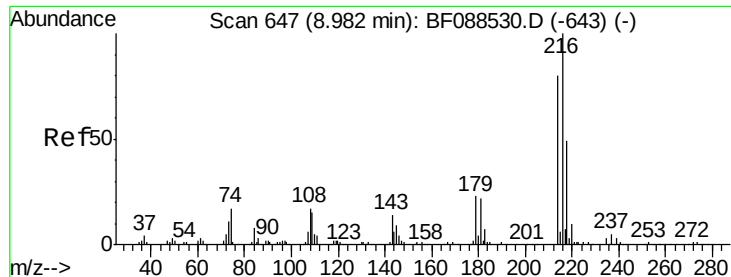


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.4	128.2
160	47.2	39.5	59.3

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.89 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion:216 Resp: 121616

Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

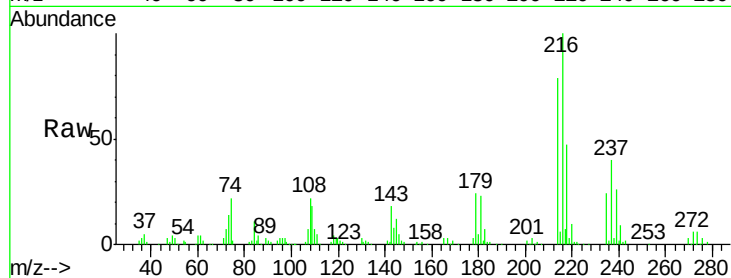
179 24.1 0.0 0.0#

108 26.9 0.5 0.7#

Manual Integrations

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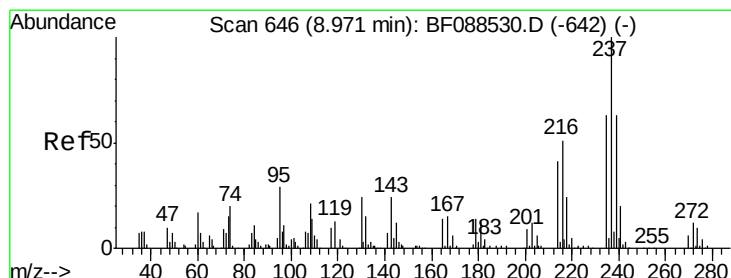
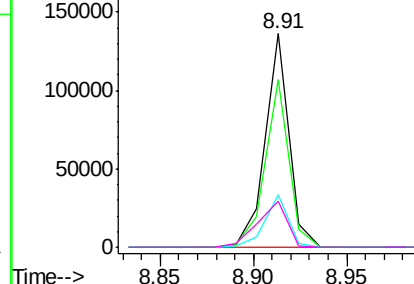
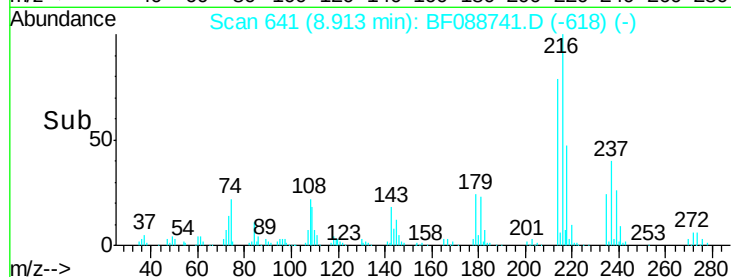


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 55.42 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

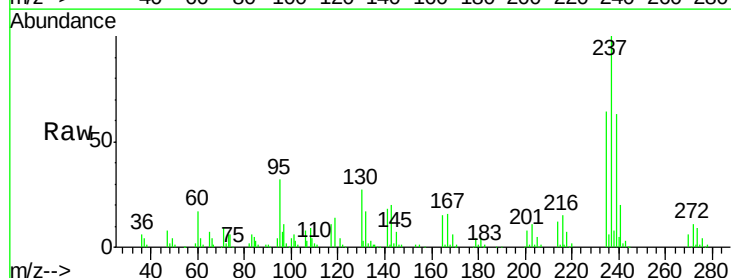
Tgt Ion:237 Resp: 166321

Ion Ratio Lower Upper

237 100

235 63.6 43.4 83.4

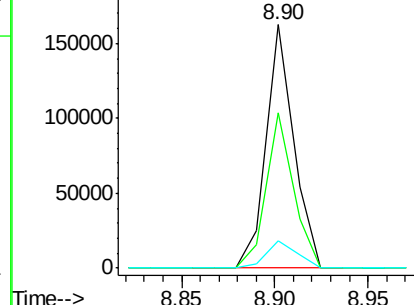
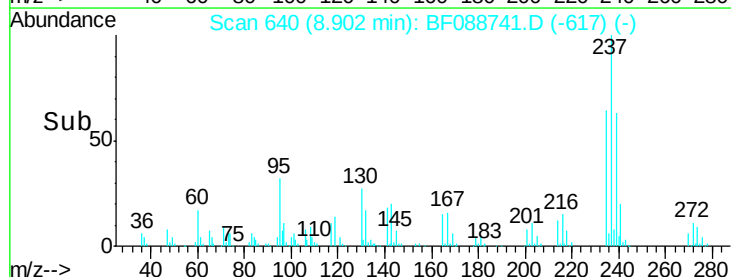
272 11.3 0.0 32.3

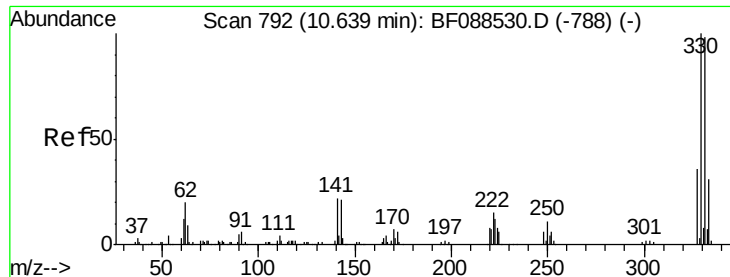


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





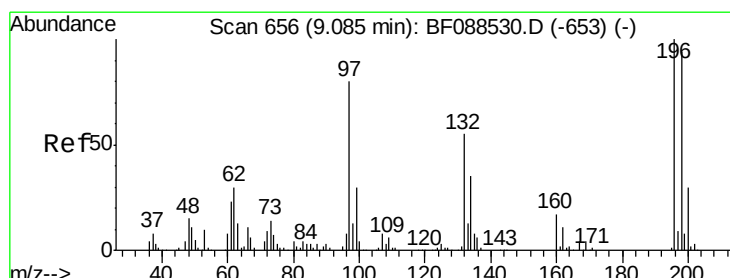
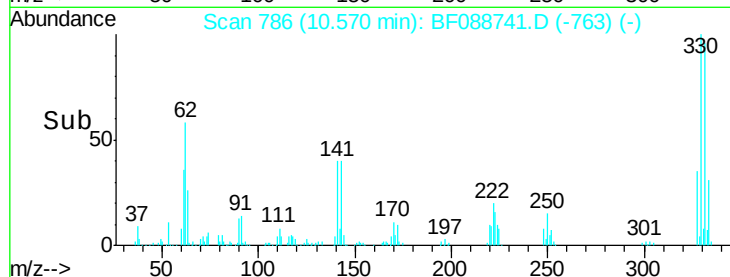
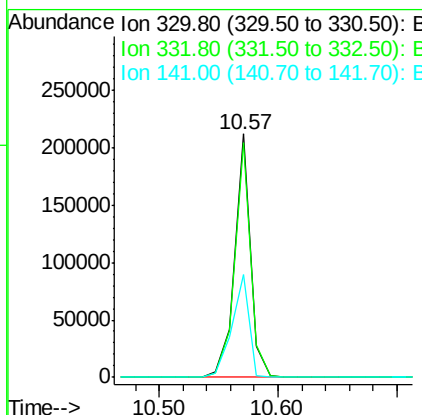
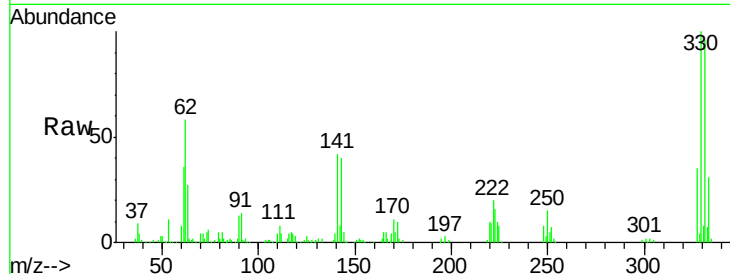
#41
 2,4,6-Tribromophenol
 Concen: 115.86 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	197781		
332	97.1	0.0	0.0	0.0
141	44.9	0.0	0.0	0.0

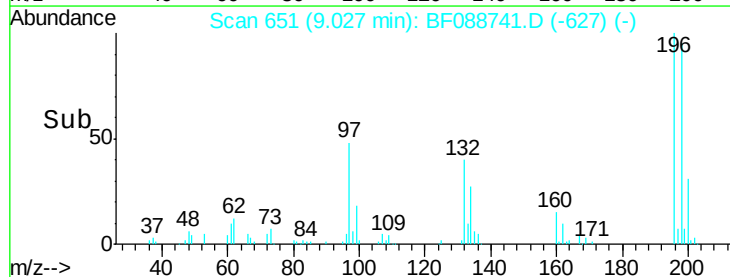
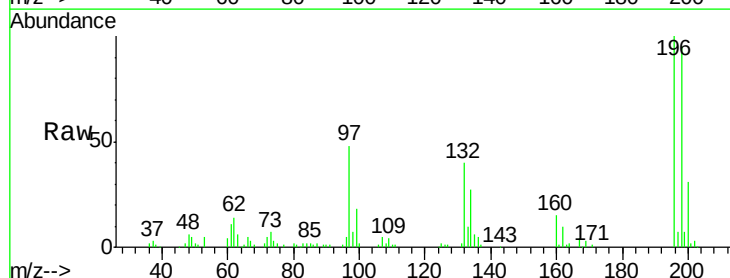
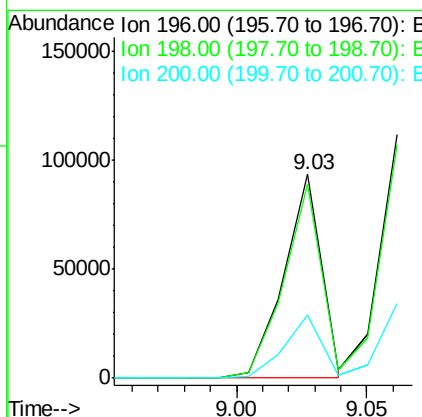
Manual Integrations

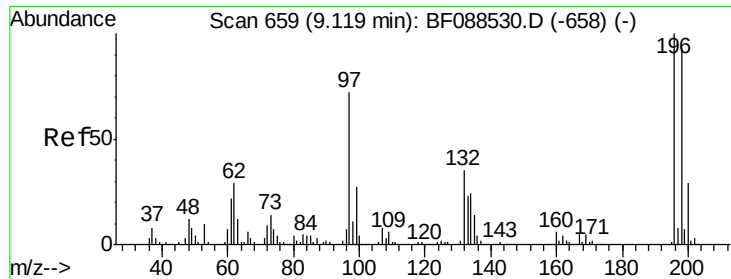
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#42
 2,4,6-Trichlorophenol
 Concen: 23.01 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92760		
198	95.2	78.0	117.0	
200	31.0	25.4	38.2	





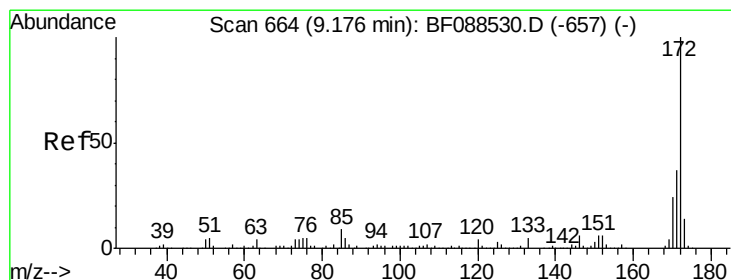
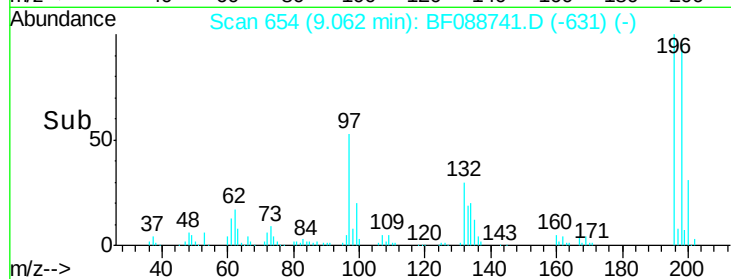
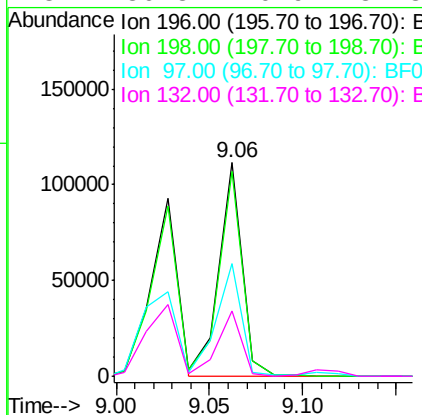
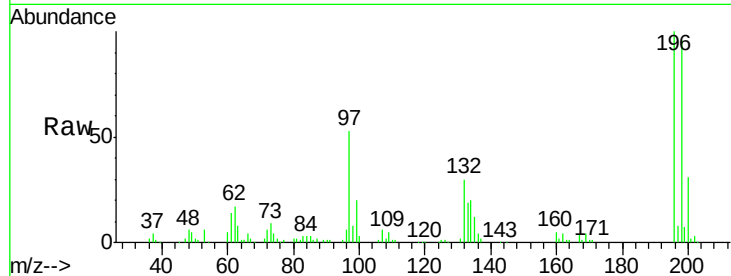
#43
 2,4,5-Trichlorophenol
 Concen: 27.83 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion:	196	Resp:	96525
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.5	116.3
97	53.0	32.0	48.0
132	30.3	20.9	31.3

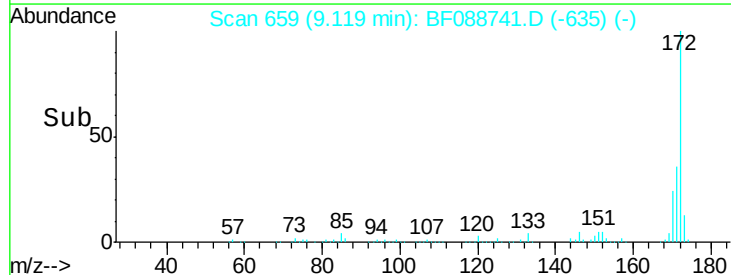
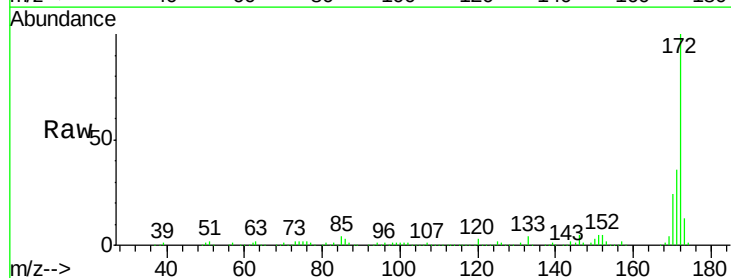
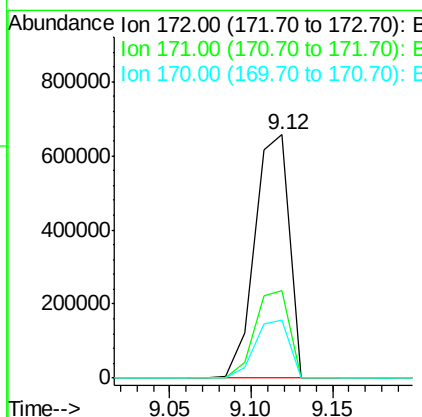
Manual Integrations

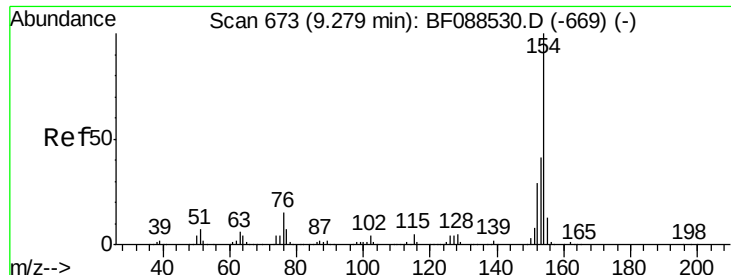
umangi
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#44
 2-Fluorobiphenyl
 Concen: 82.53 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Tgt Ion:	172	Resp:	960467
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	43.0
170	23.9	19.2	28.8





#45

1,1'-Biphenyl

Concen: 24.81 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion:154 Resp: 377641

Ion Ratio Lower Upper

154 100

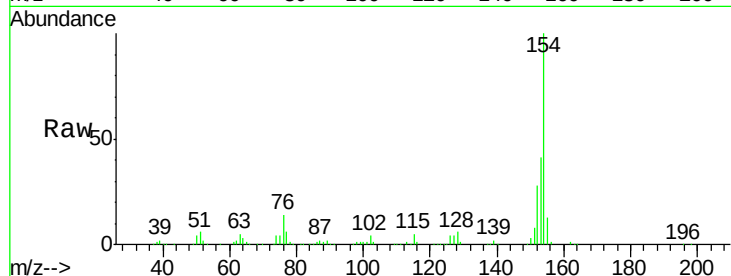
153 41.1 20.6 60.6

76 13.7 0.0 35.1

Manual Integrations

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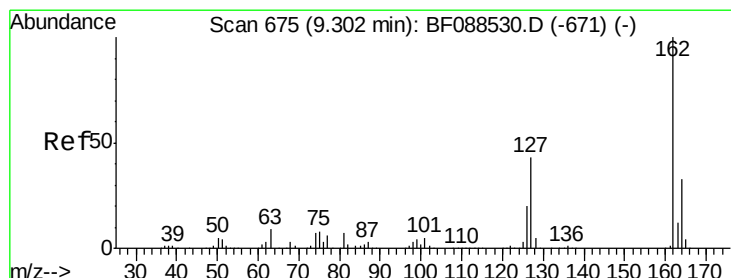
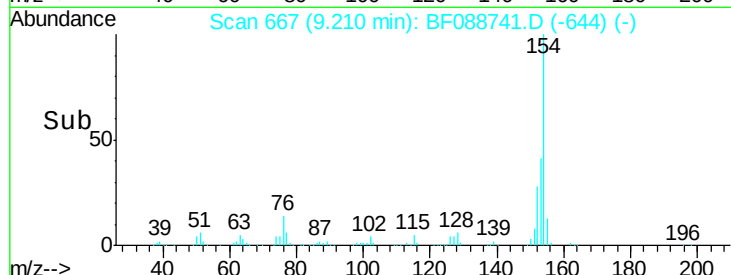
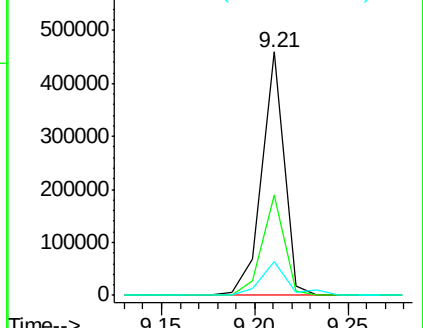
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 24.76 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

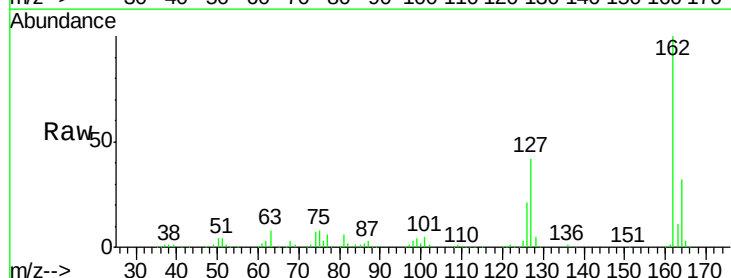
Tgt Ion:162 Resp: 295936

Ion Ratio Lower Upper

162 100

127 42.5 35.2 52.8

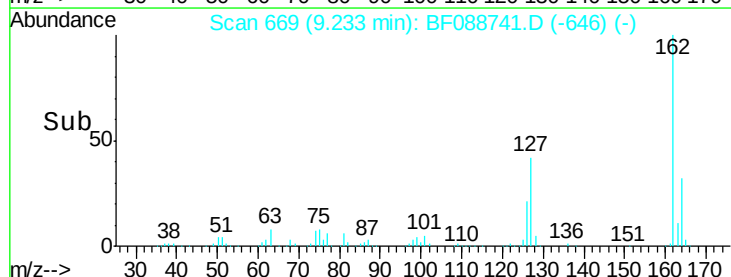
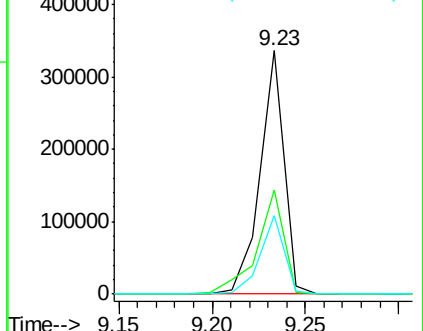
164 32.2 26.6 39.8

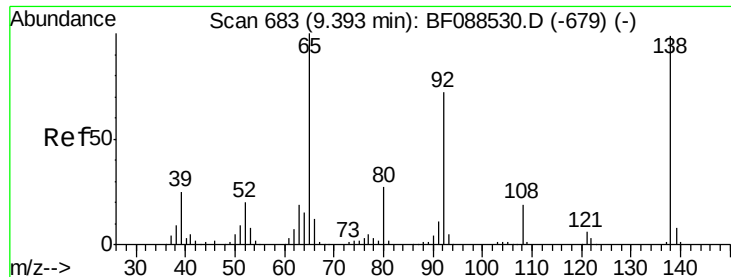


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





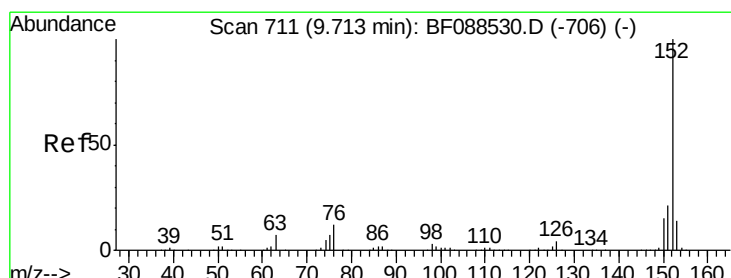
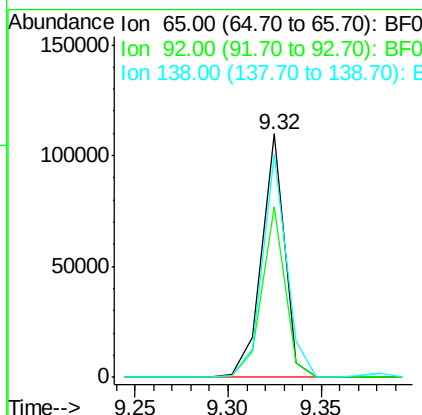
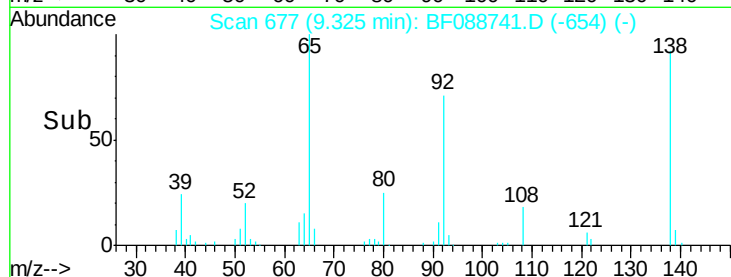
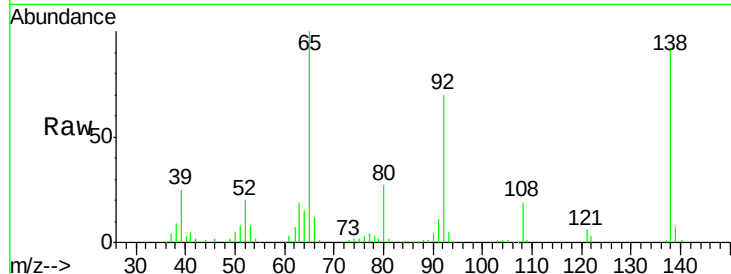
#47
2-Nitroaniline
Concen: 22.00 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion: 65 Resp: 93286
Ion Ratio Lower Upper
65 100
92 70.2 54.6 82.0
138 91.7 77.0 115.4

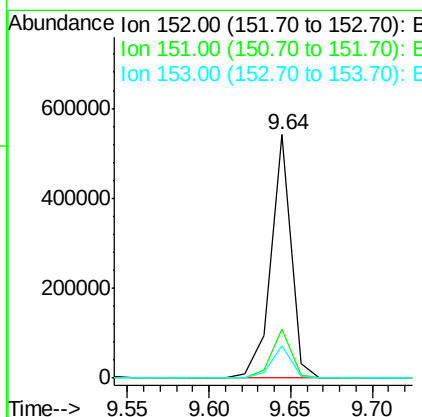
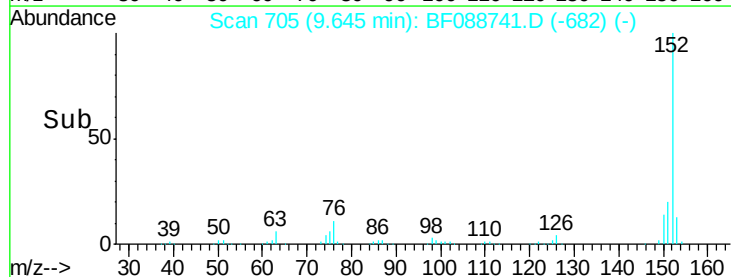
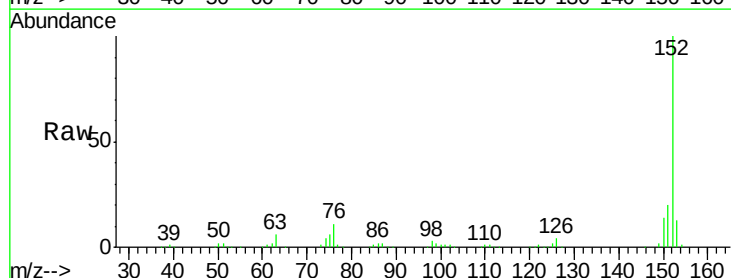
Manual Integrations

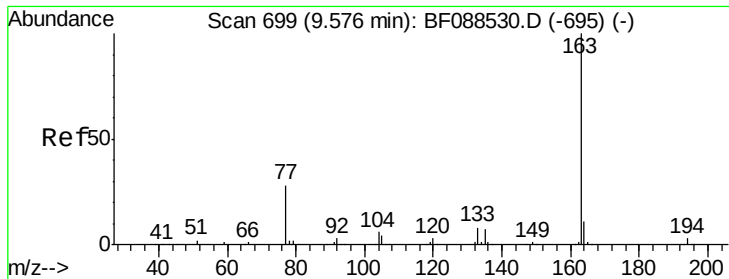
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#48
Acenaphthylene
Concen: 24.38 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion: 152 Resp: 463488
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 11.0 16.6





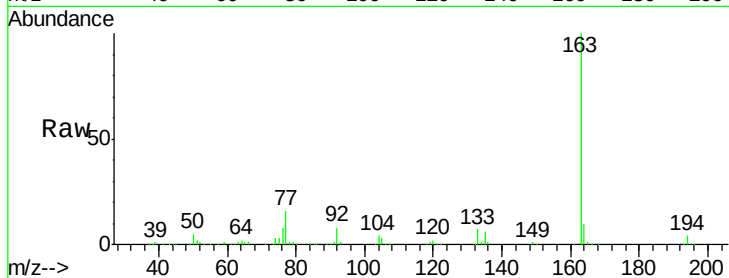
#49
Dimethylphthalate
Concen: 39.34 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.9	8.3	12.5

Manual Integrations

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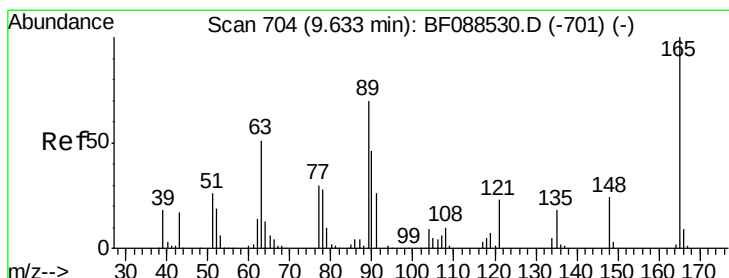
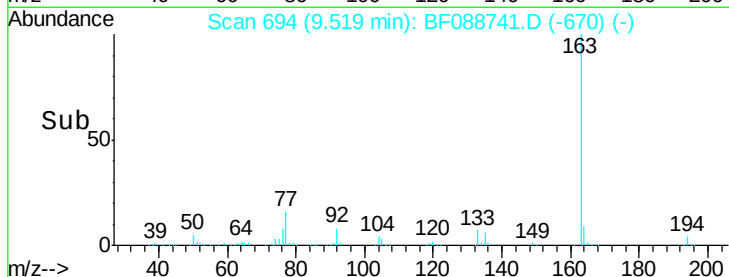
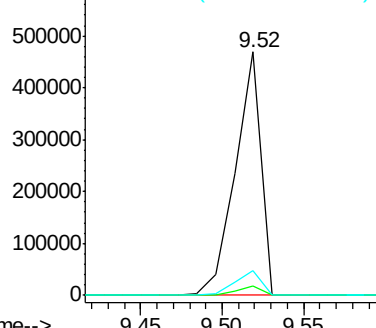


Abundance

Ion 163.00 (162.70 to 163.70): E

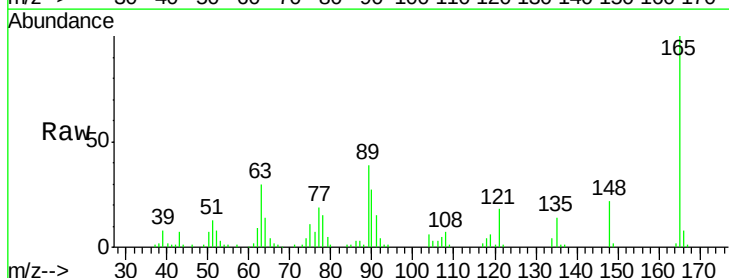
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 27.54 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.2	28.1	42.1
89	38.8	32.2	48.2

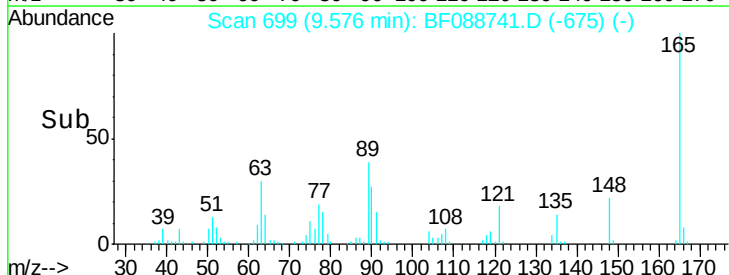
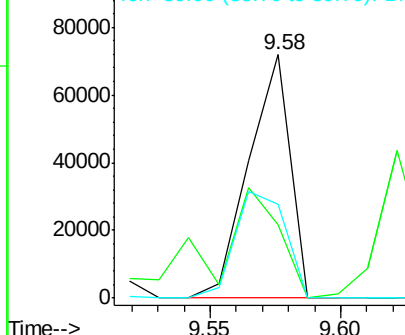


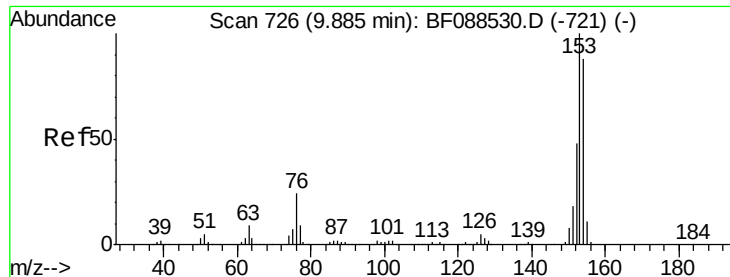
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.31 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion:154 Resp: 306688

Ion Ratio Lower Upper

154 100

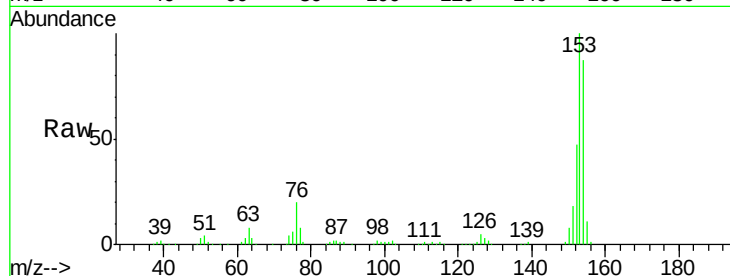
153 114.9 89.5 134.3

152 53.8 42.7 64.1

Manual Integrations

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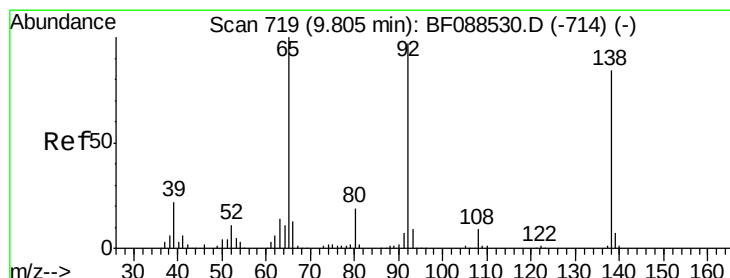
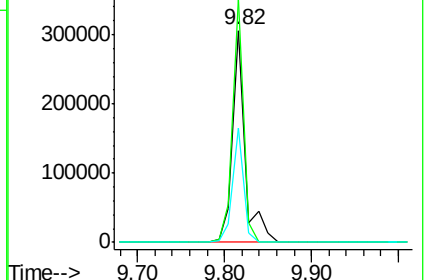
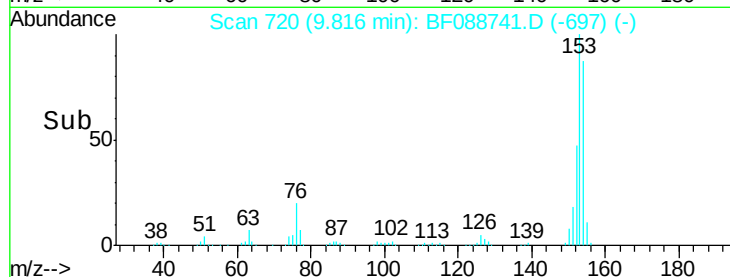
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.57 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

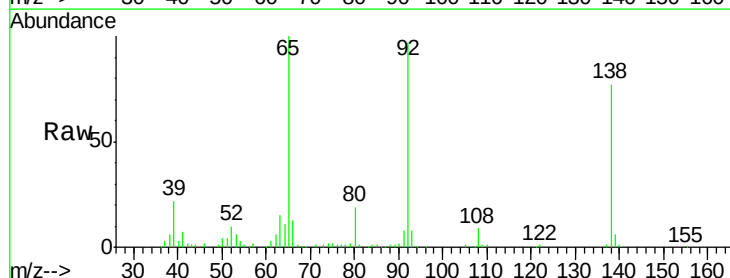
Tgt Ion:138 Resp: 72211

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

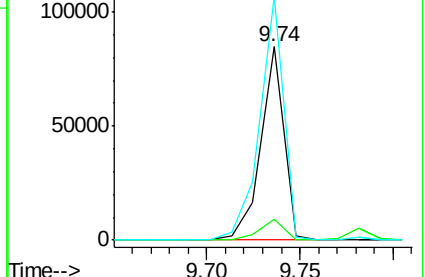
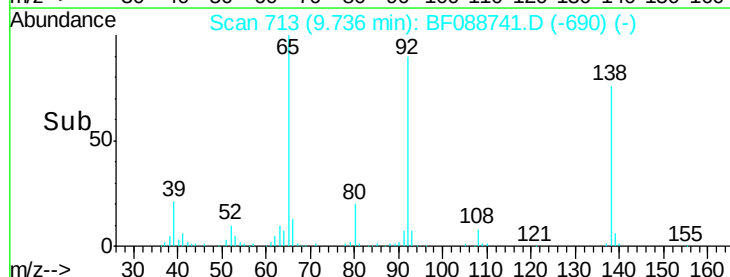
92 126.1 95.7 143.5

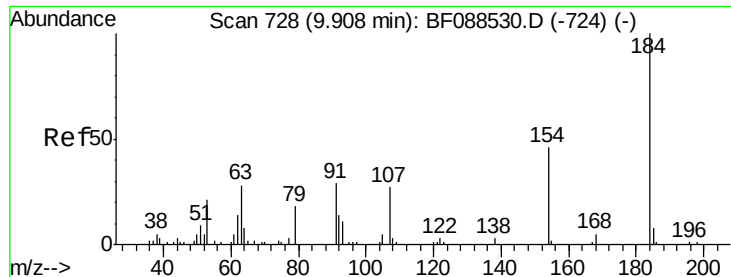


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





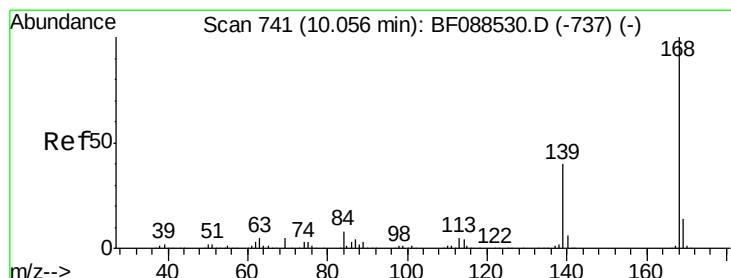
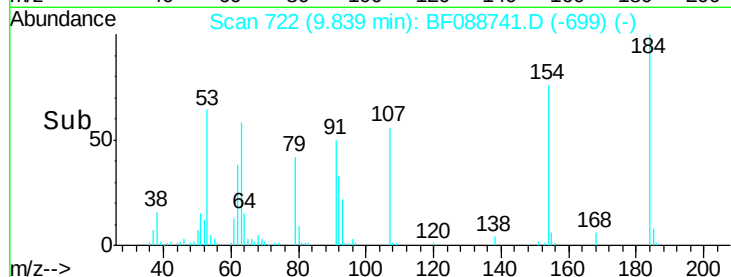
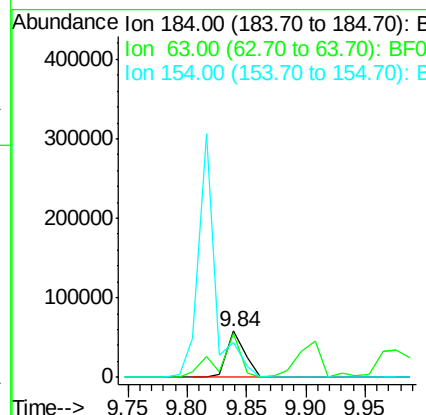
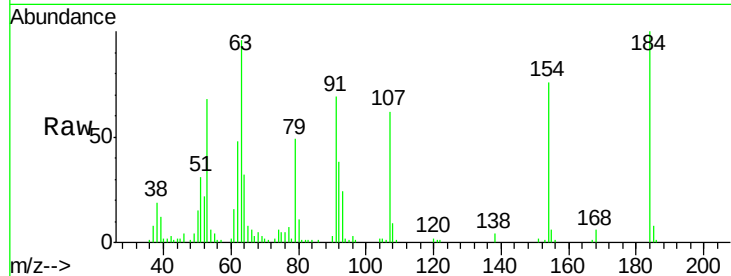
#53
 2,4-Dinitrophenol
 Concen: 48.43 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	95.8	57.6	86.4#
154	75.7	53.5	80.3

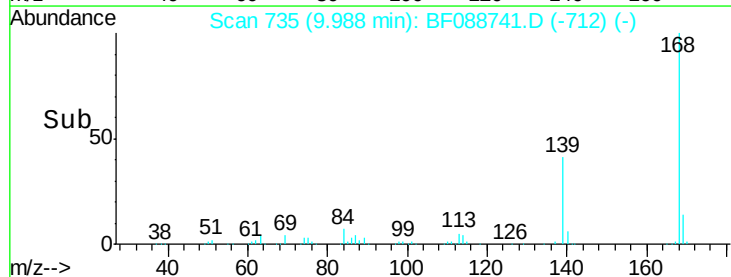
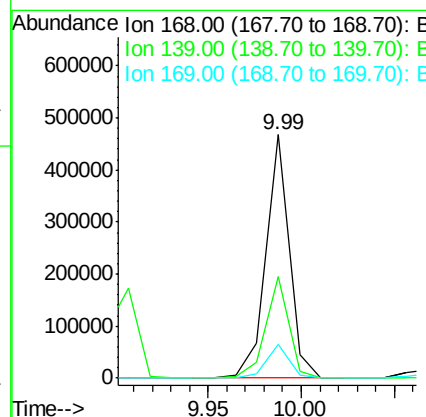
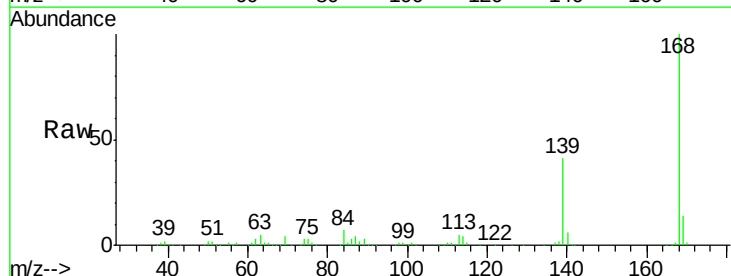
Manual Integrations

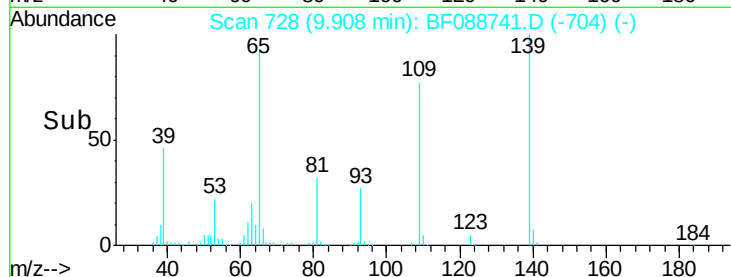
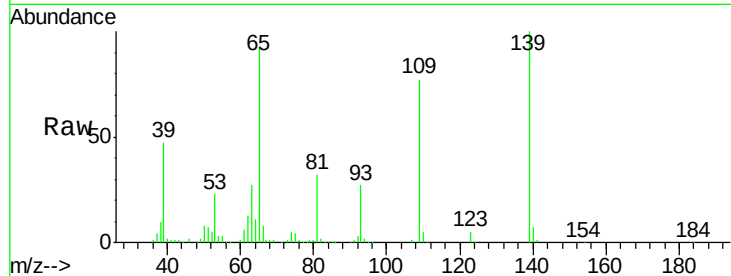
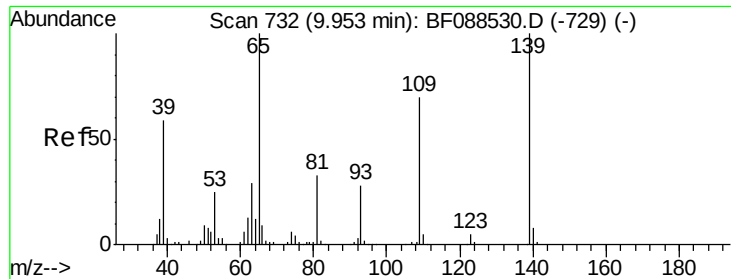
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#54
 Dibenzofuran
 Concen: 26.27 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	26.4	39.6#
169	13.6	10.4	15.6





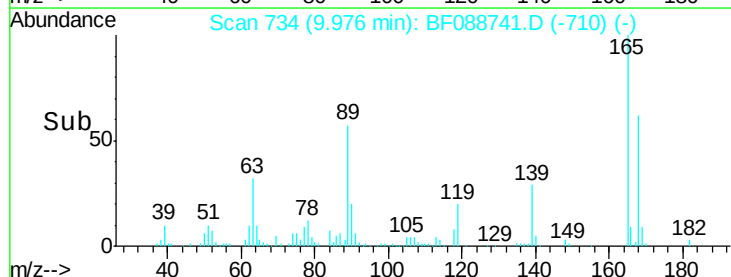
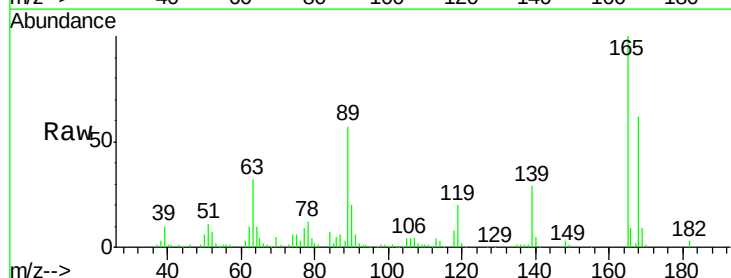
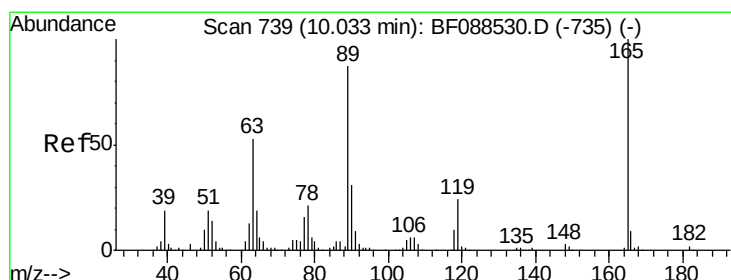
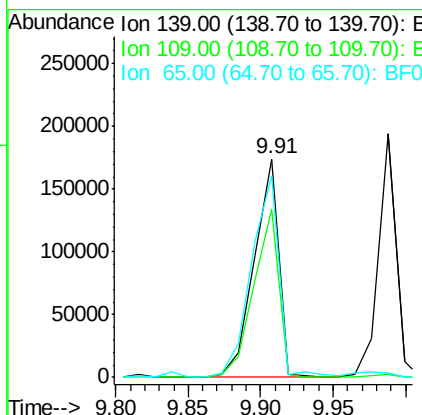
#55
4-Nitrophenol
Concen: 73.03 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.1	48.9	88.9
65	92.1	84.9	124.9

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

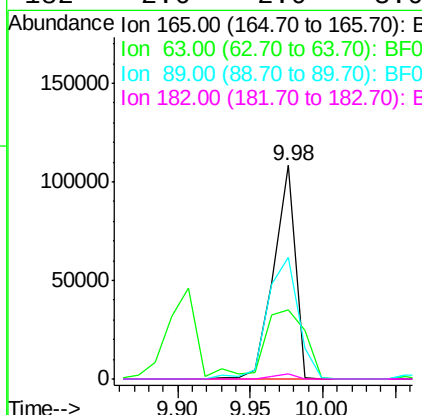
Manual Integrations

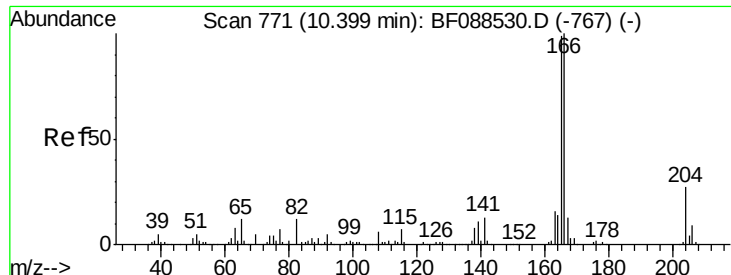
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#56
2,4-Dinitrotoluene
Concen: 29.38 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.2	22.0	33.0
89	57.1	41.1	61.7
182	2.6	2.0	3.0





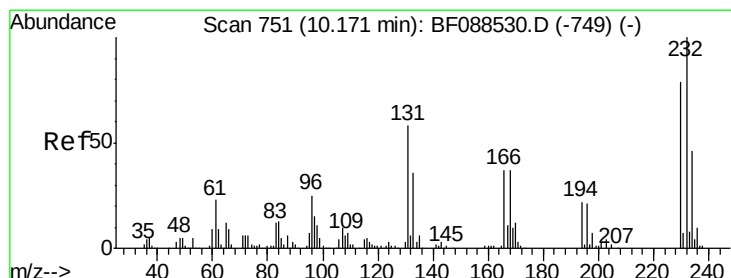
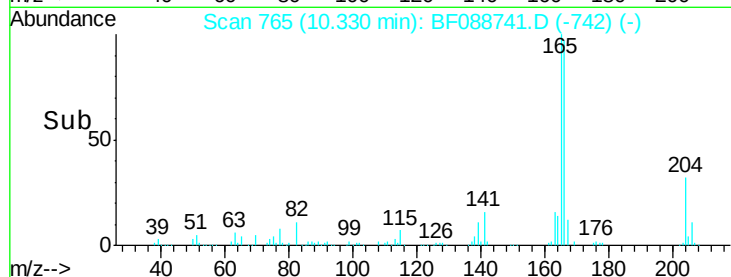
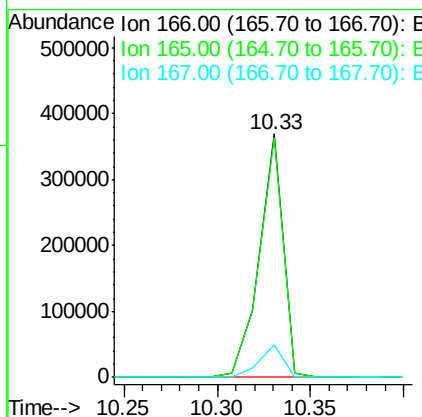
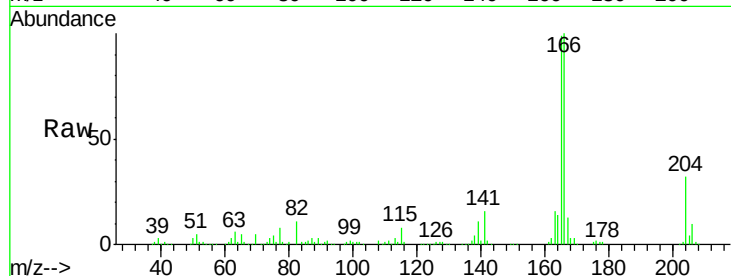
#57
 Fluorene
 Concen: 28.34 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	13.3	11.2	16.8

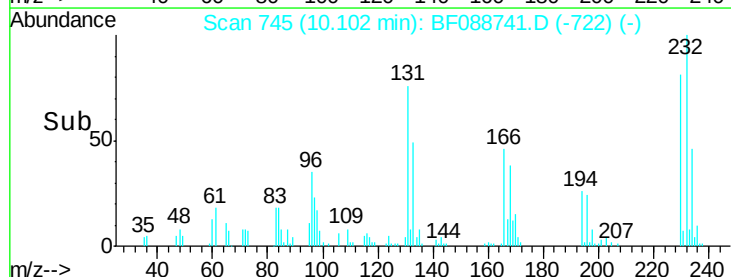
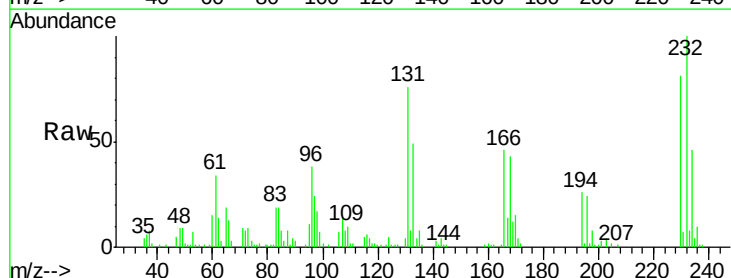
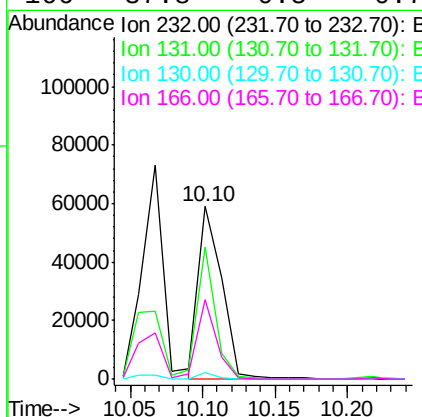
Manual Integrations

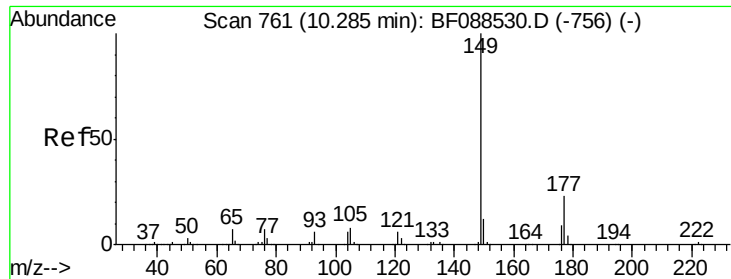
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.94 ng
 RT: 10.10 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.4	0.9	1.3#
130	2.8	1.5	2.3#
166	37.8	0.5	0.7#





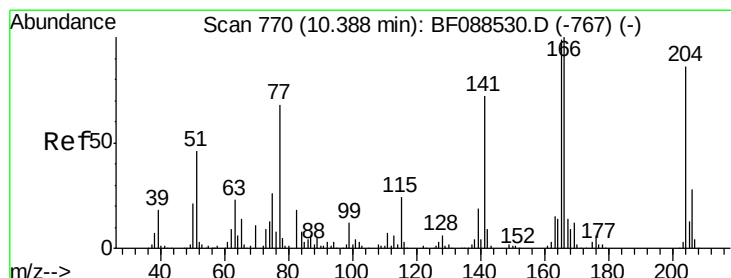
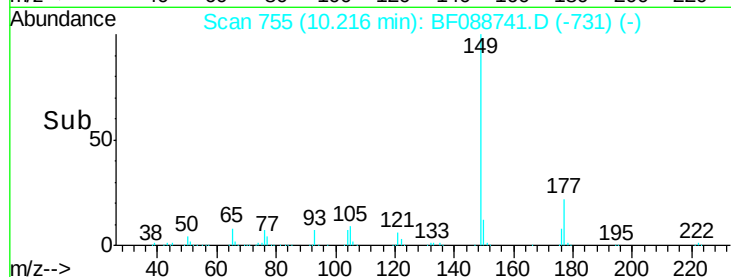
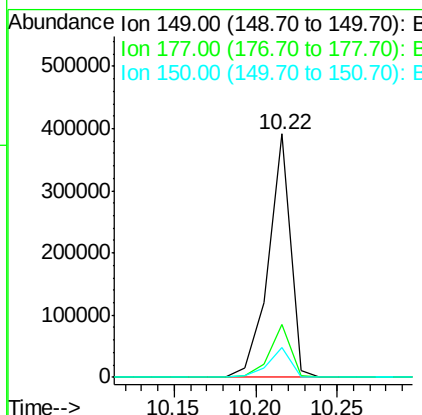
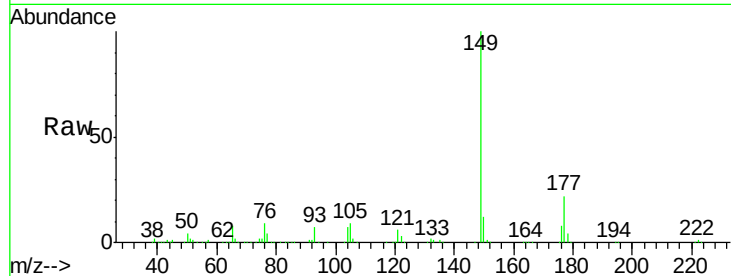
#59
Diethylphthalate
Concen: 28.07 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		368984		
177	21.6	16.9	25.3		
150	12.4	10.1	15.1		

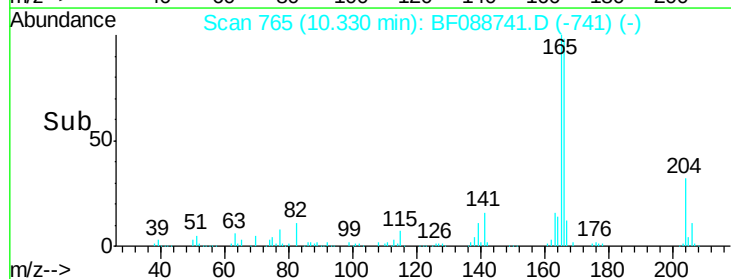
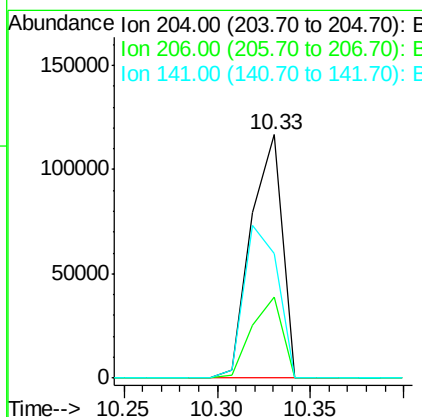
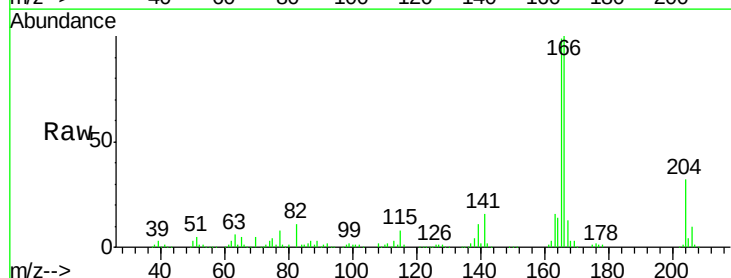
Manual Integrations

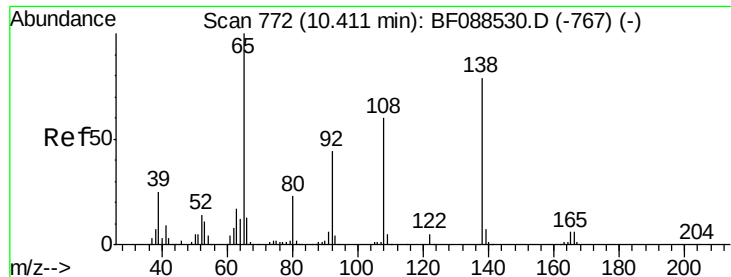
umangi
7/7/2016 6:08:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 25.21 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		137713		
206	33.1	26.3	39.5		
141	51.4	55.0	82.6		





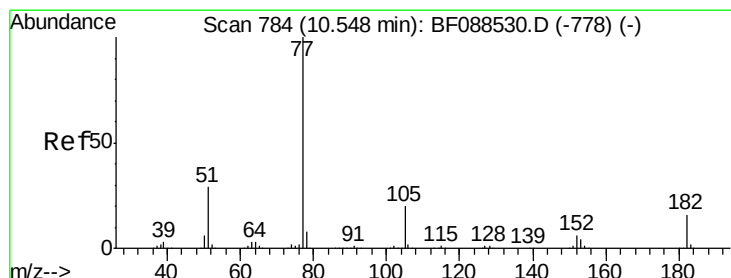
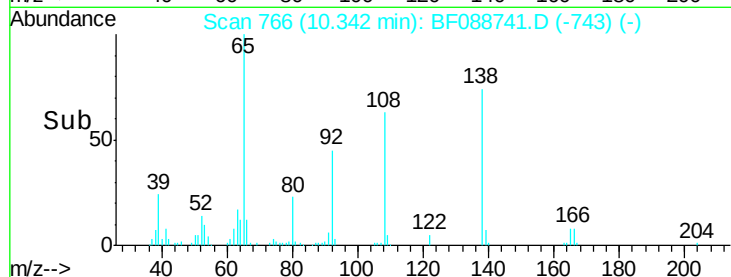
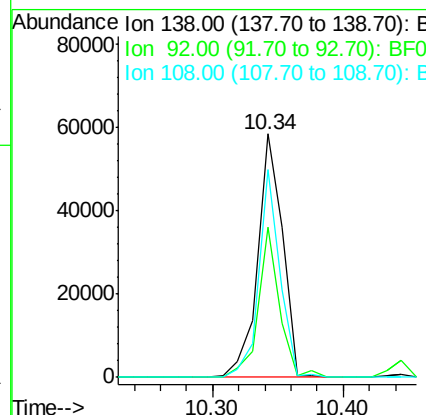
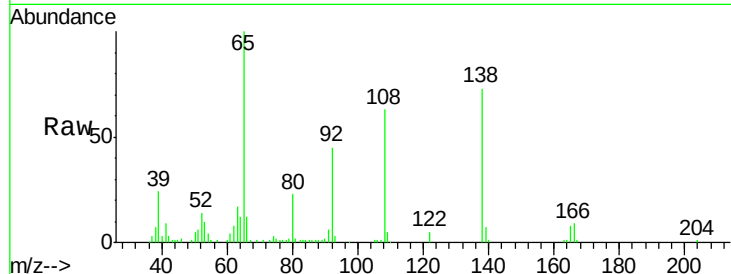
#61
4-Nitroaniline
Concen: 21.86 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.5	27.3	67.3
108	85.4	46.7	86.7

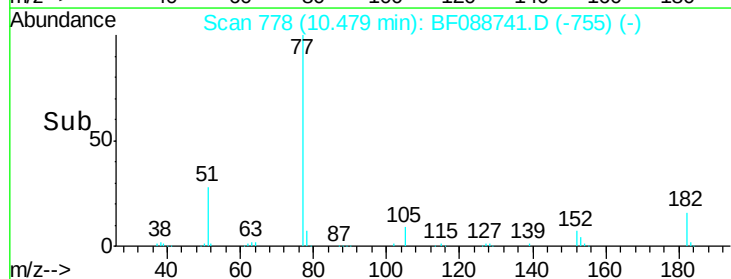
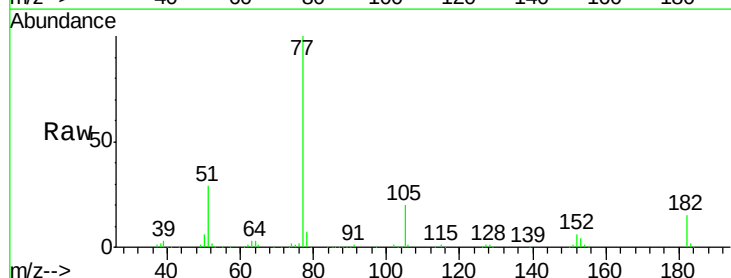
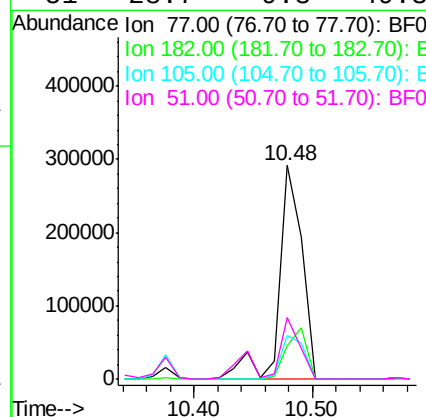
Manual Integrations

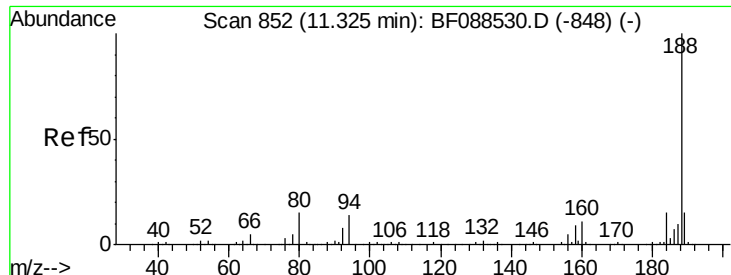
umangi
7/7/2016 6:08:00 PM



#62
Azobenzene
Concen: 25.96 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.4	4.4	44.4
105	20.4	3.8	43.8
51	28.7	9.3	49.3





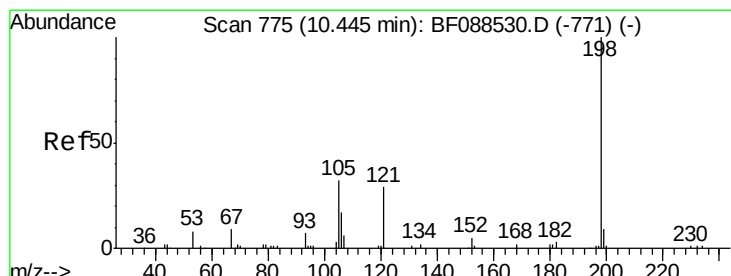
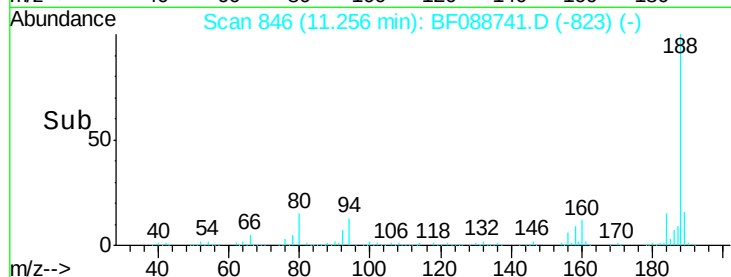
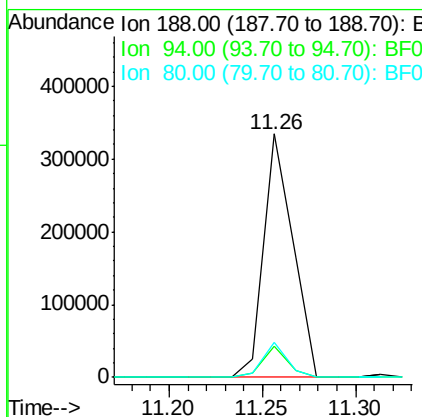
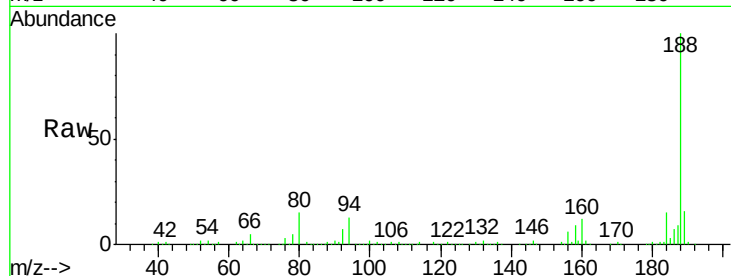
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.0	13.6
80	14.6	10.0	15.0

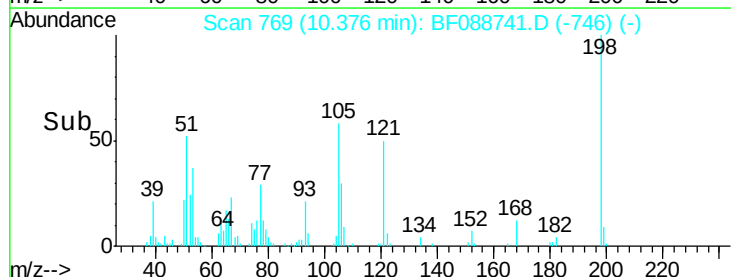
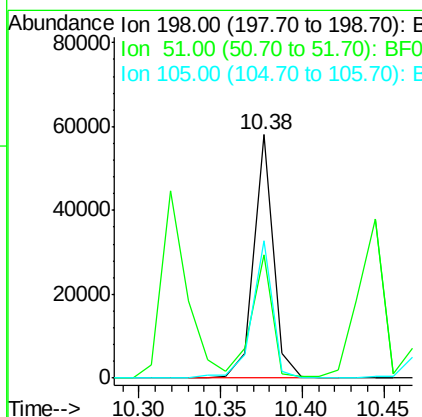
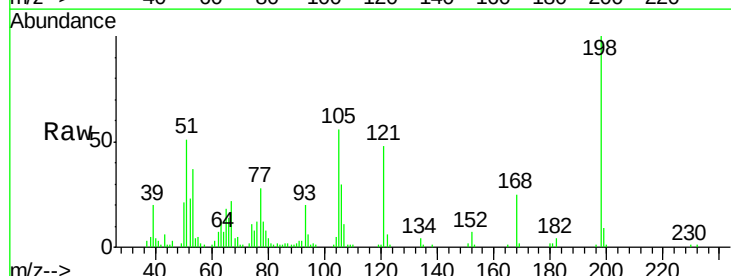
Manual Integrations

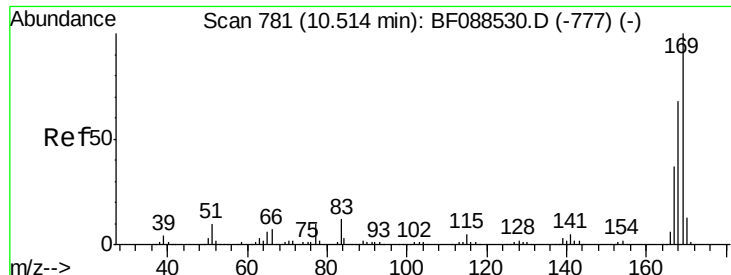
umangi
7/7/2016 6:08:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 25.16 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.7	39.6	79.6
105	56.2	36.6	76.6





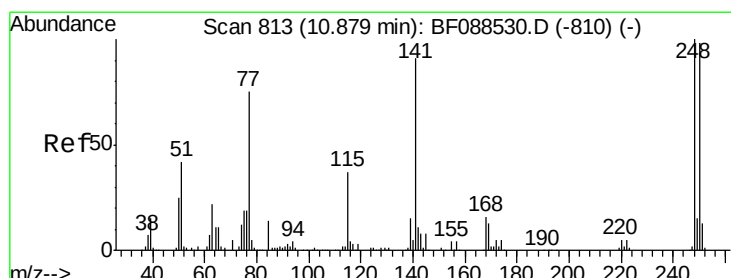
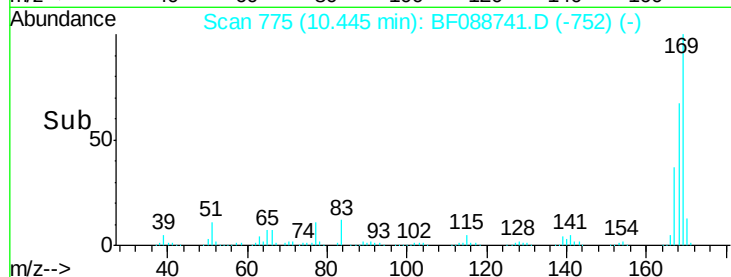
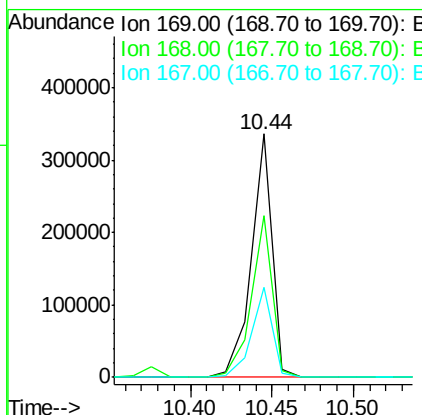
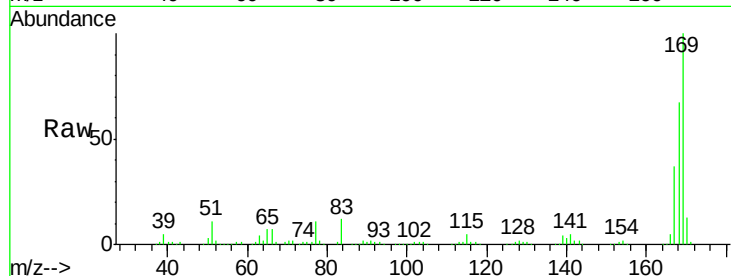
#65
n-Nitrosodiphenylamine
Concen: 24.29 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		297150		
168	66.6	53.4	80.0		
167	36.7	29.4	44.0		

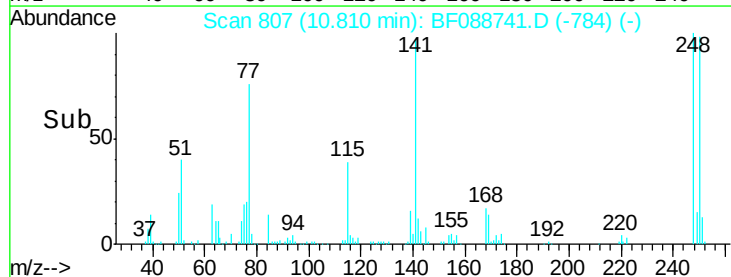
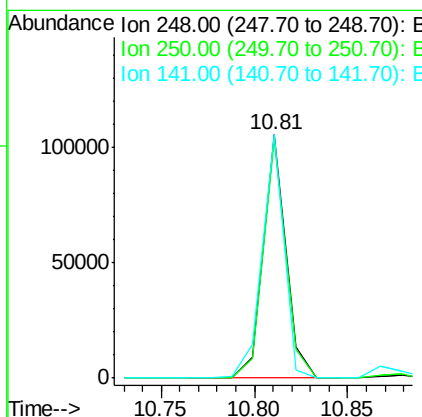
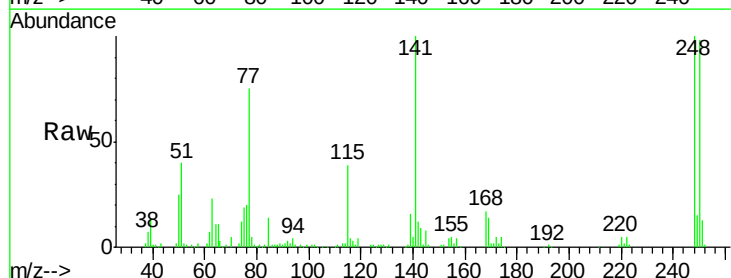
Manual Integrations

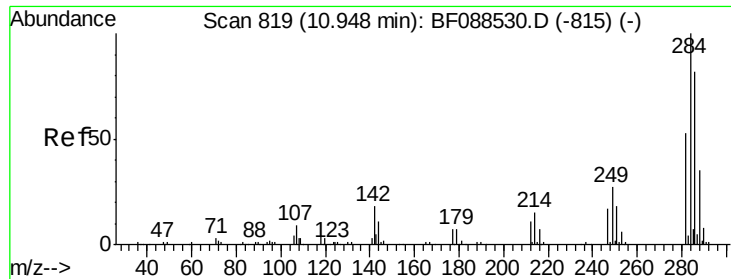
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#66
4-Bromophenyl-phenylether
Concen: 24.12 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		87842		
250	98.2	77.1	115.7		
141	100.2	50.6	76.0		





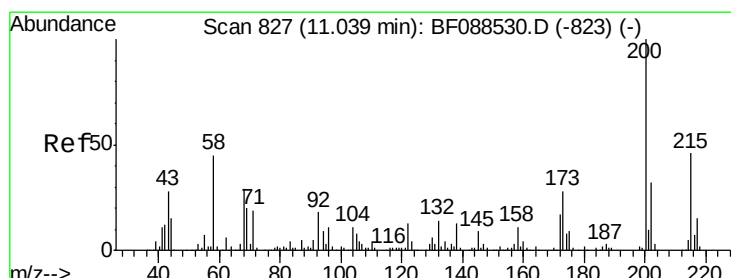
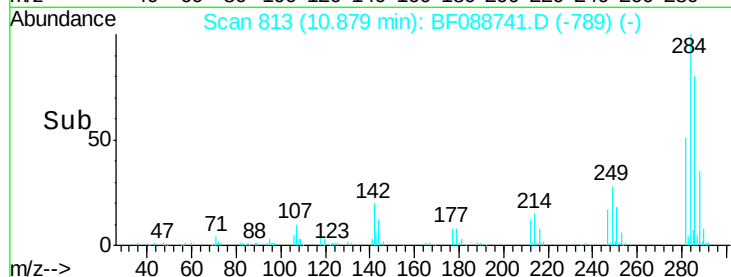
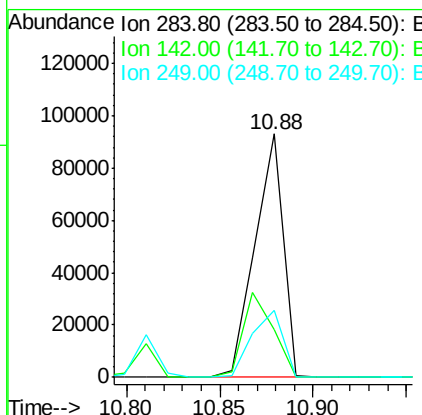
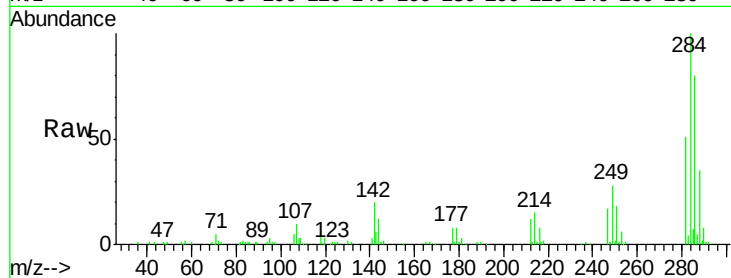
#67
Hexachlorobenzene
Concen: 24.10 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
284	100			
142	19.7	35.8	53.8	
249	27.7	25.8	38.6	

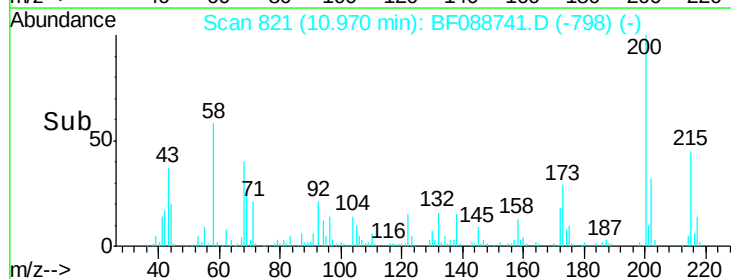
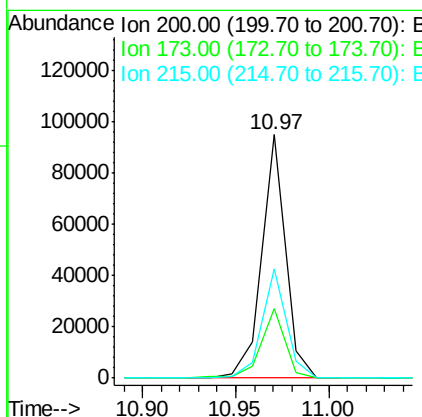
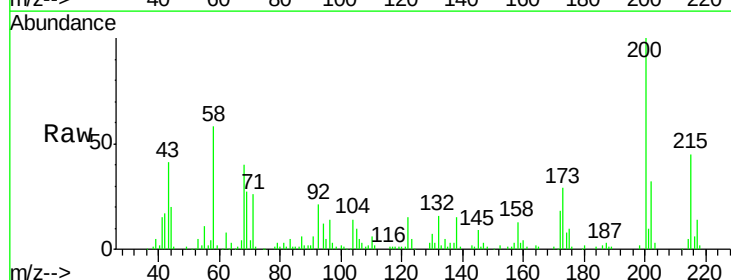
Manual Integrations

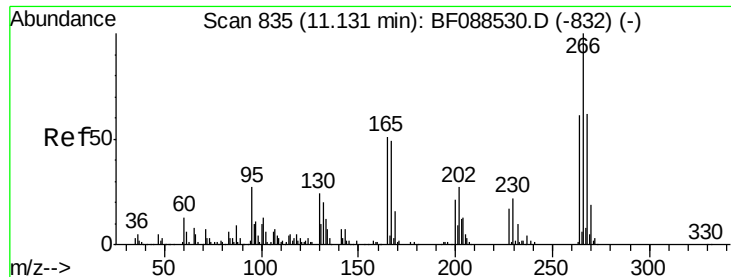
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#68
Atrazine
Concen: 21.78 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
200	100			
173	28.6	4.0	44.0	
215	44.7	29.3	69.3	





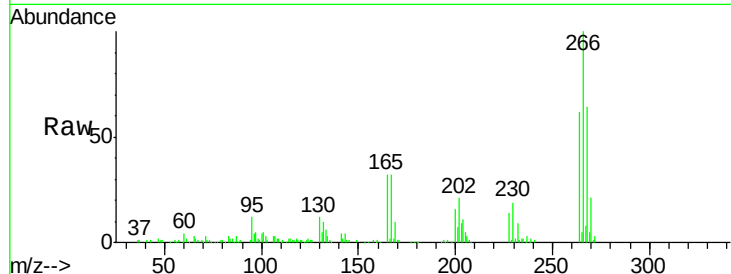
#69
 Pentachlorophenol
 Concen: 61.79 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.8	79.2
264	62.4	49.6	74.4

Manual Integrations

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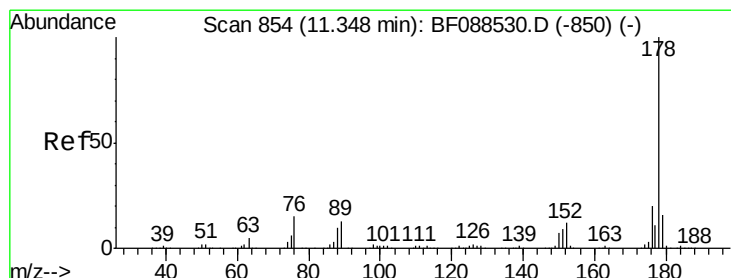
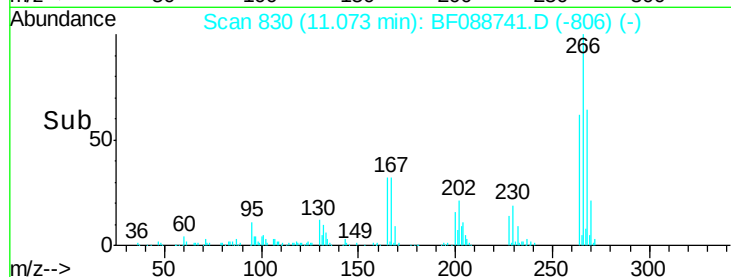
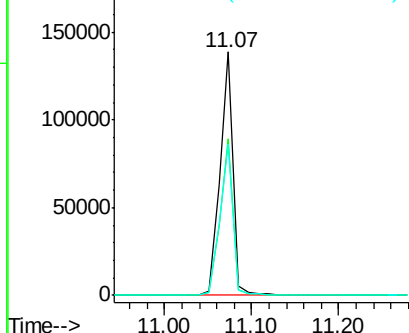


Abundance

Ion 265.70 (265.40 to 266.40): E

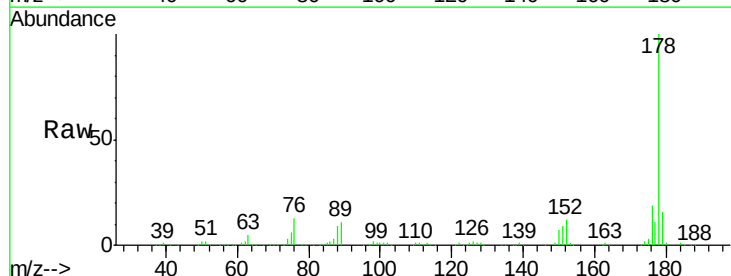
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 23.67 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

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

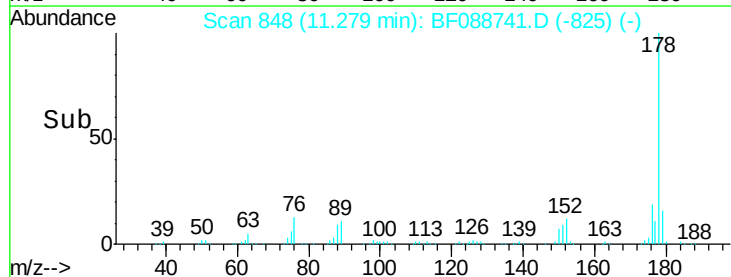
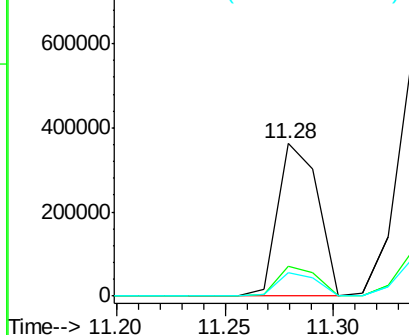


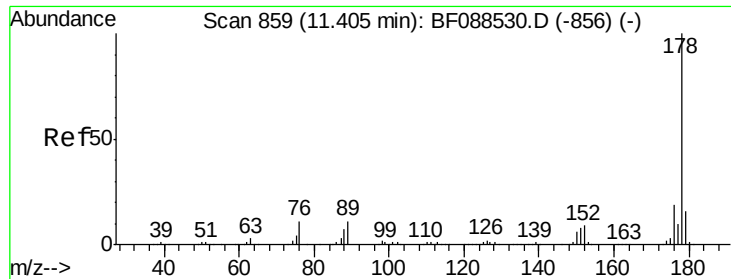
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 25.83 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF088741.D

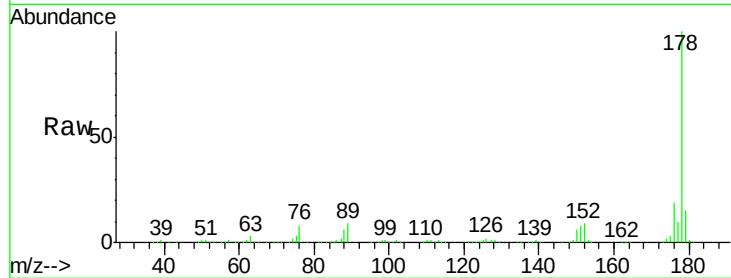
Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

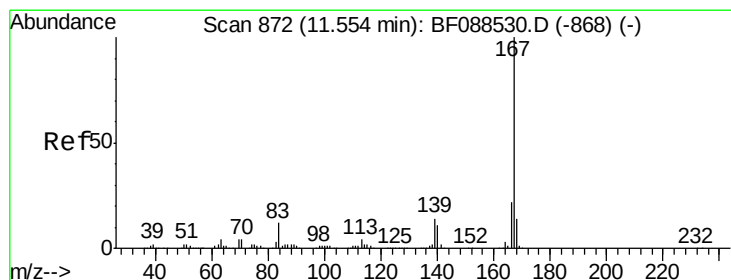
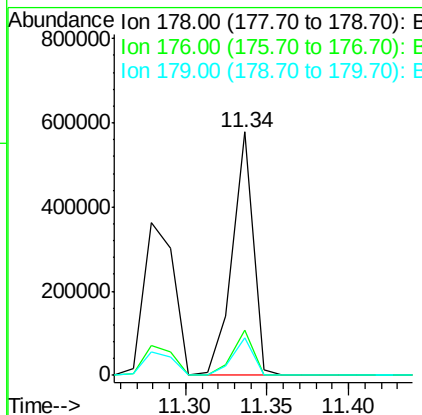
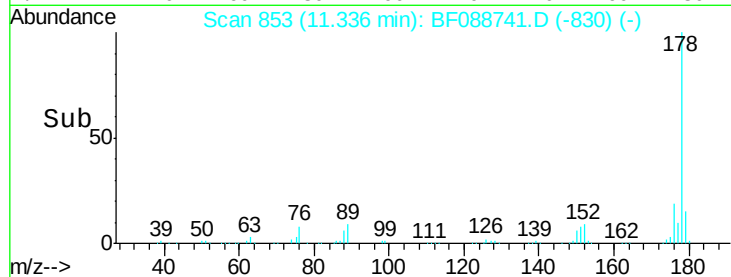


Tot Ion:	178	Resp:	507436
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.6	23.4
179	15.3	12.8	19.2

Manual Integrations

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#72

Carbazole

Concen: 22.55 ng

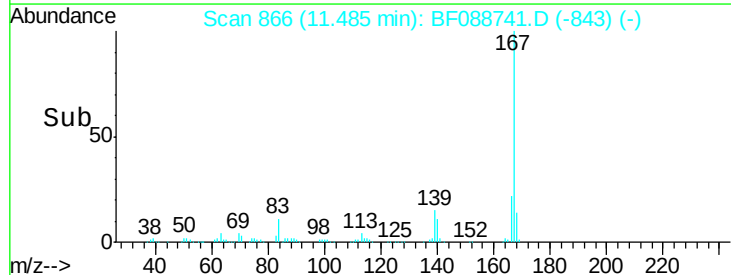
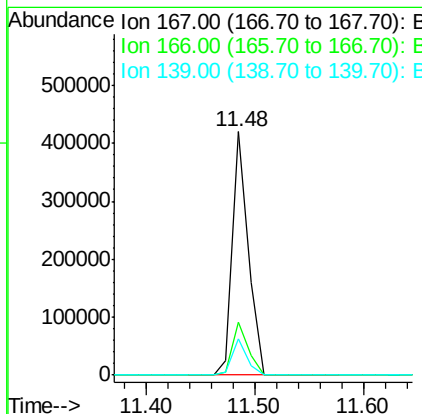
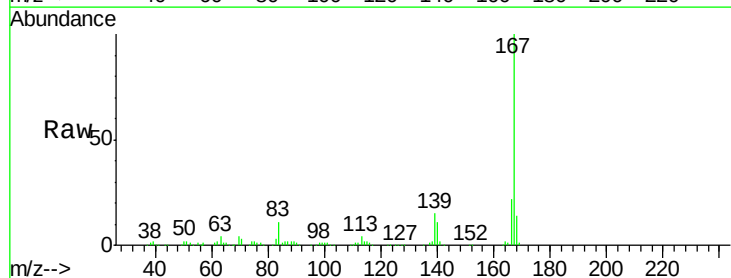
RT: 11.48 min Scan# 866

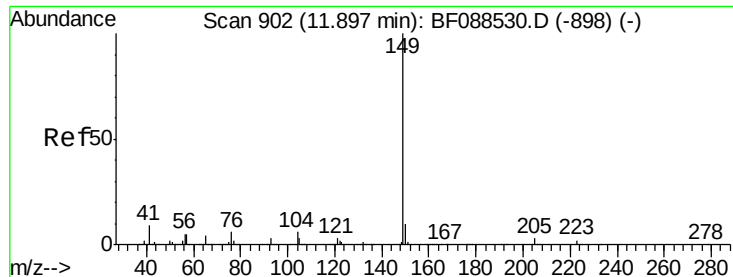
Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Tgt Ion:	167	Resp:	416919
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.8	26.6
139	14.8	11.2	16.8





#73

Di-n-butylphthalate

Concen: 24.35 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion:149 Resp: 523735

Ion Ratio Lower Upper

149 100

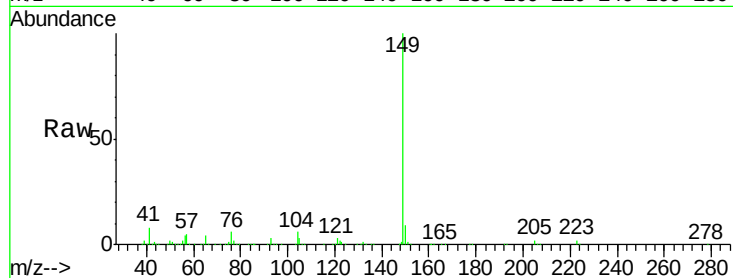
150 9.4 7.8 11.6

104 5.8 4.0 6.0

Manual Integrations

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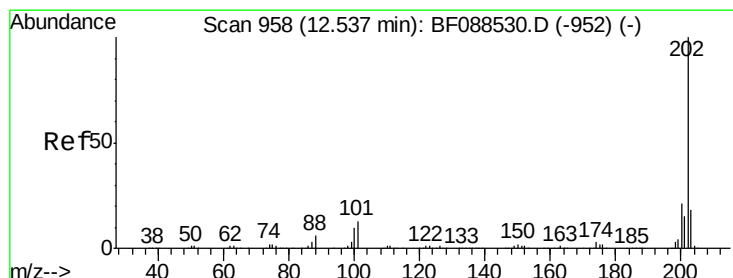
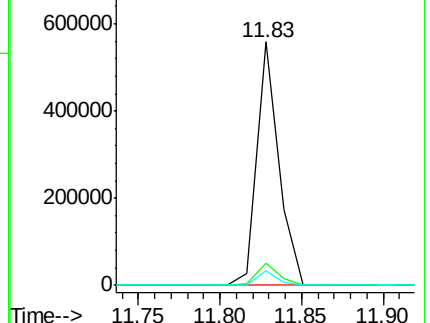
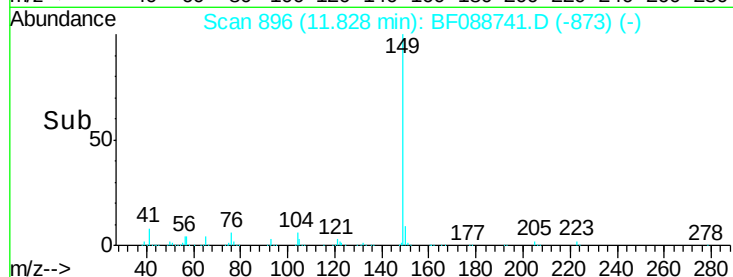
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.93 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

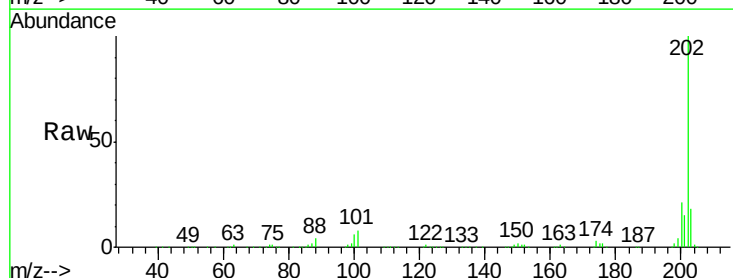
Tgt Ion:202 Resp: 519403

Ion Ratio Lower Upper

202 100

101 8.0 0.0 33.1

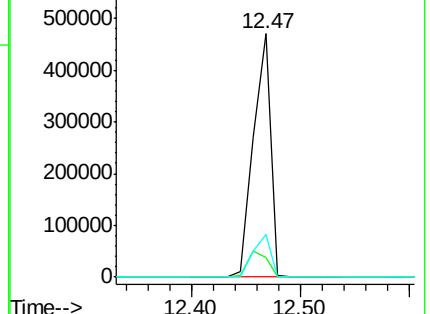
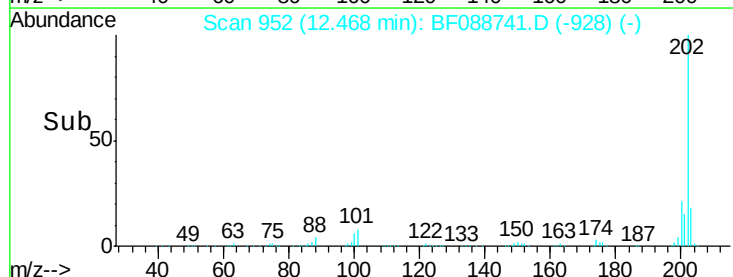
203 17.6 0.0 38.1

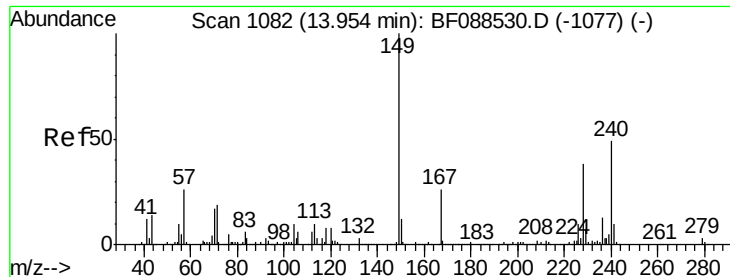


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS

Tot Ion:240 Resp: 300182

Ion Ratio Lower Upper

240 100

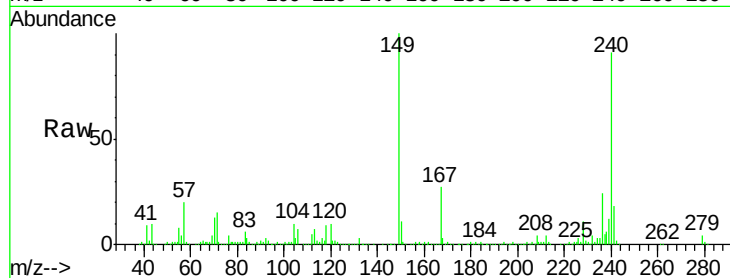
120 10.8 6.8 10.2#

236 26.0 20.2 30.2

Manual Integrations

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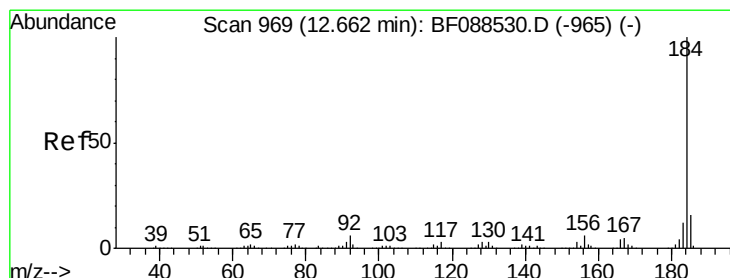
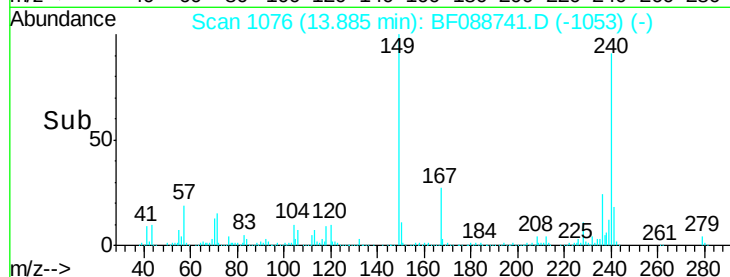
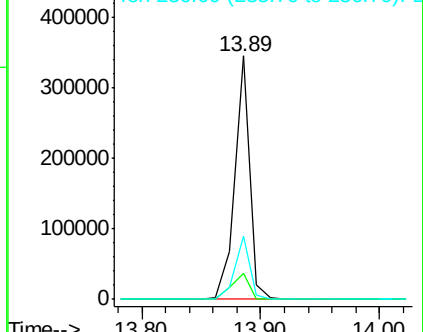
7/7/2016 6:08:00 PM



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: 9.67 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

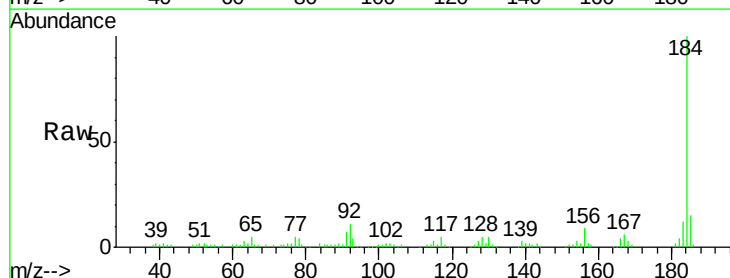
Tgt Ion:184 Resp: 146771

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

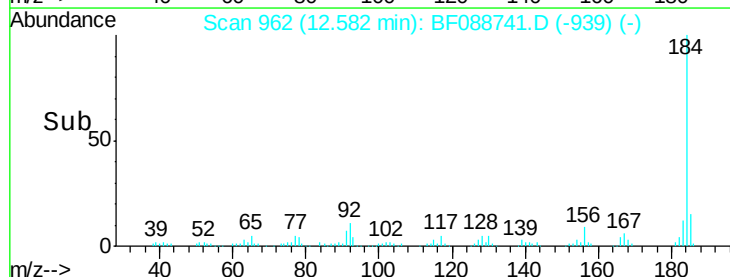
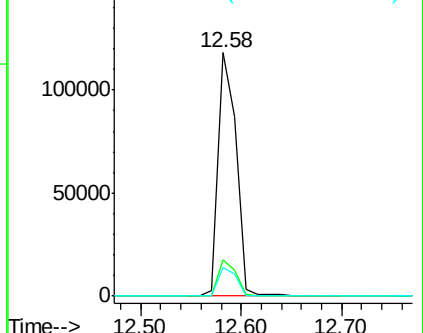
183 11.7 9.3 13.9

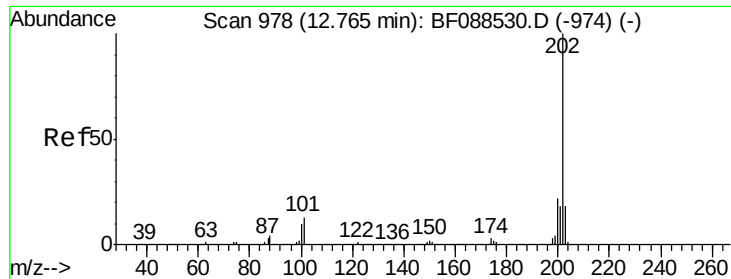


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 18.80 ng

RT: 12.68 min Scan# 971

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

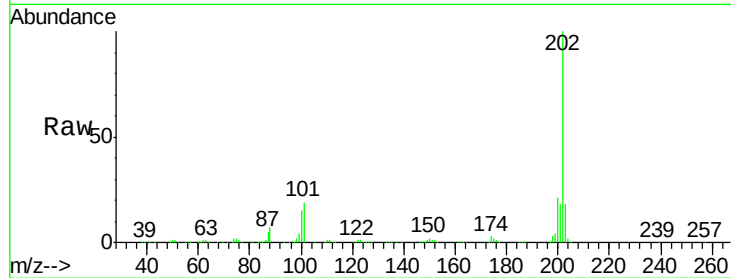
SB-13-COMPMS

Tot Ion:	202	Resp:	478435
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.9	14.5	21.7

Manual Integrations

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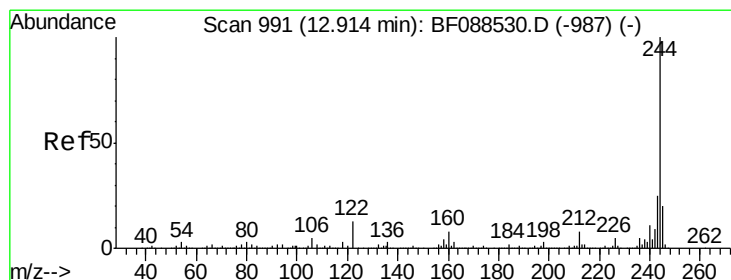
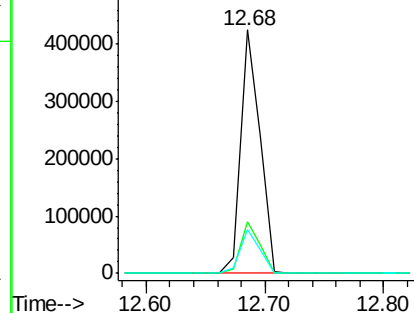
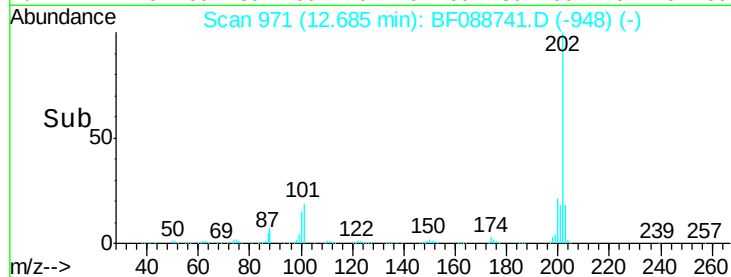
7/7/2016 6:08:00 PM



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: 67.42 ng

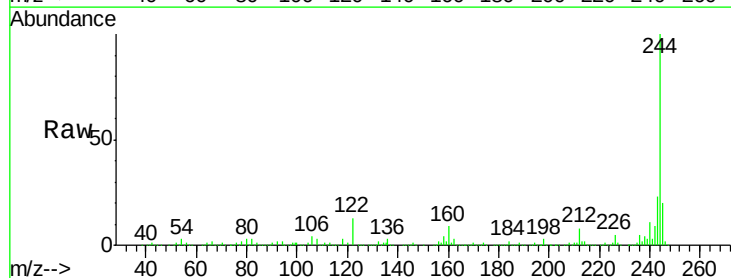
RT: 12.84 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

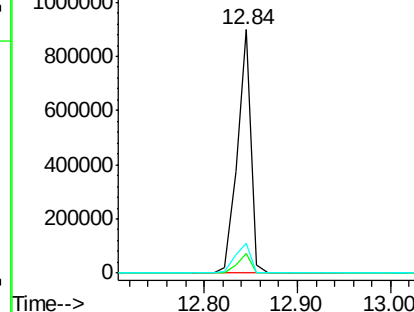
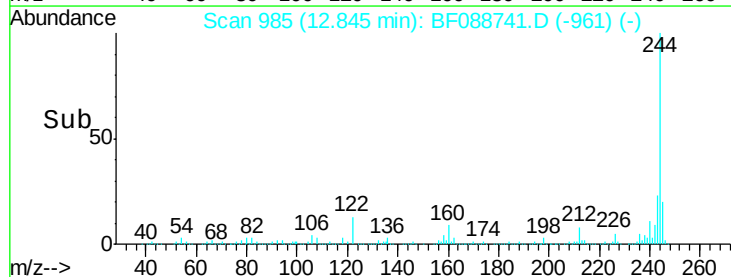
Tgt Ion:	244	Resp:	908684
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.0	9.0
122	12.5	11.2	16.8

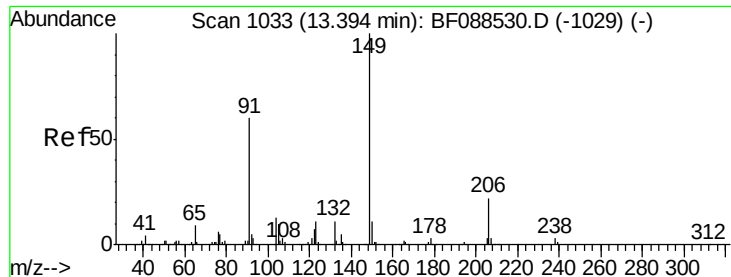


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





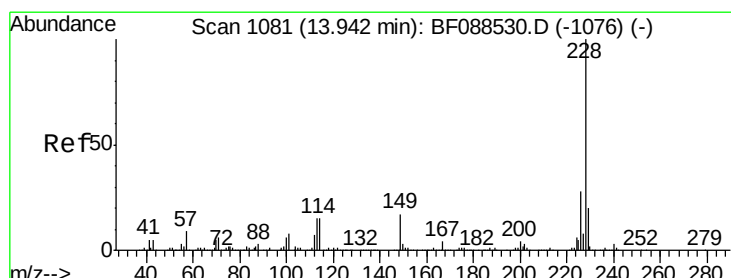
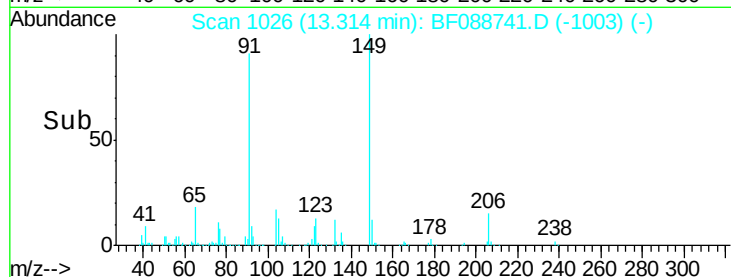
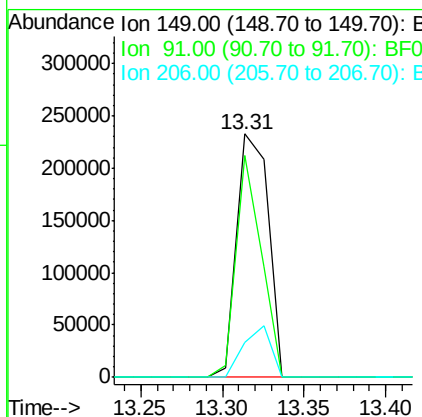
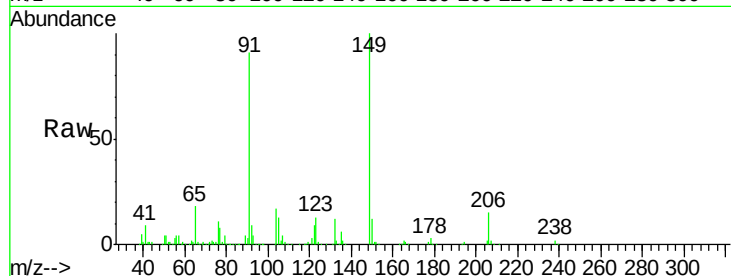
#79
Butylbenzylphthalate
Concen: 27.34 ng
RT: 13.31 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	91.3	48.0	72.0#
206	14.5	16.0	24.0#

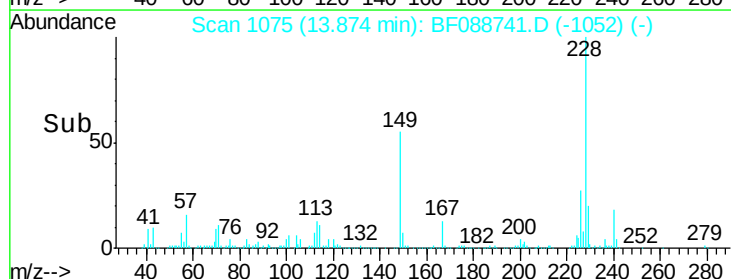
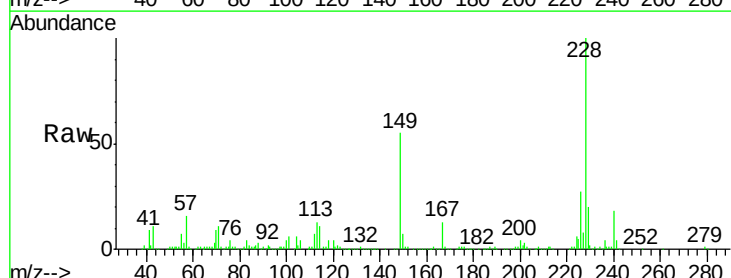
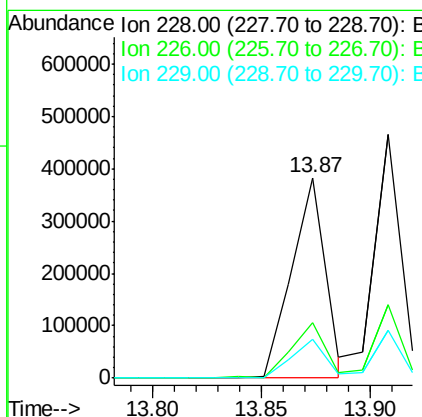
Manual Integrations

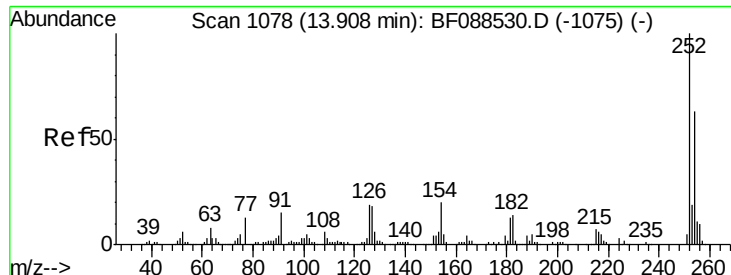
umangi
7/7/2016 6:08:00 PM



#80
Benzo(a)anthracene
Concen: 21.57 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.5	16.0	24.0





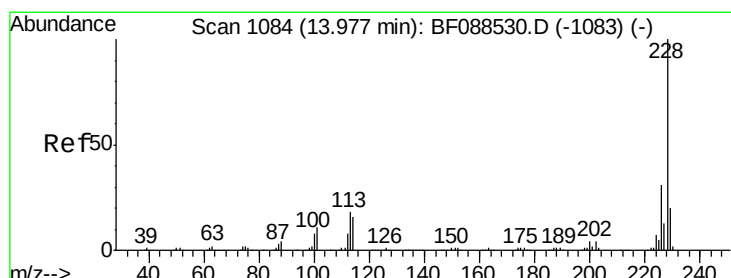
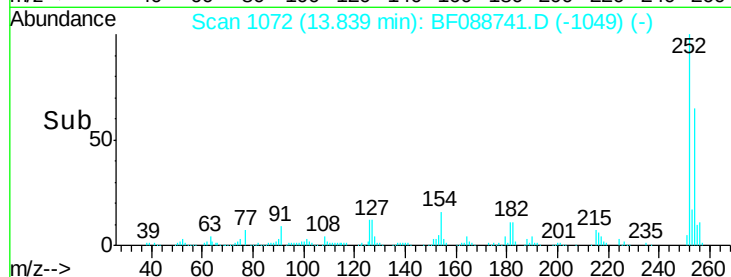
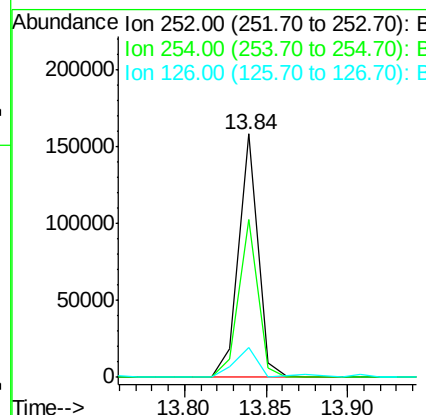
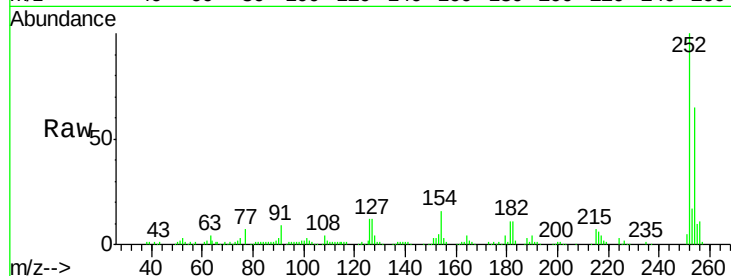
#81
 3,3'-Dichlorobenzidine
 Concen: 17.72 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	12.1	6.2	9.2

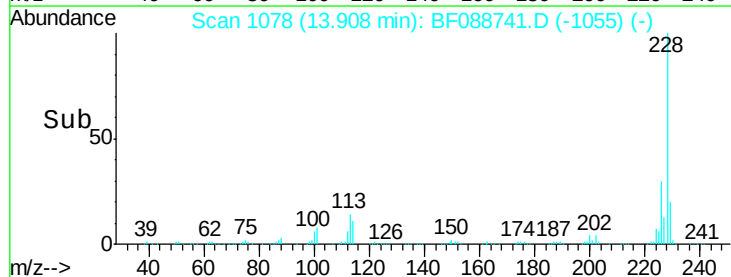
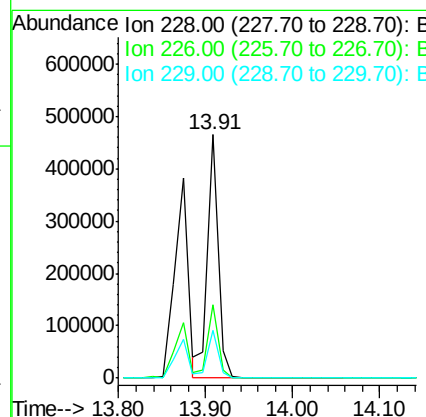
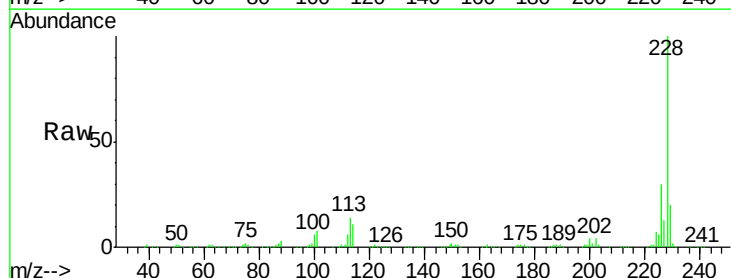
Manual Integrations

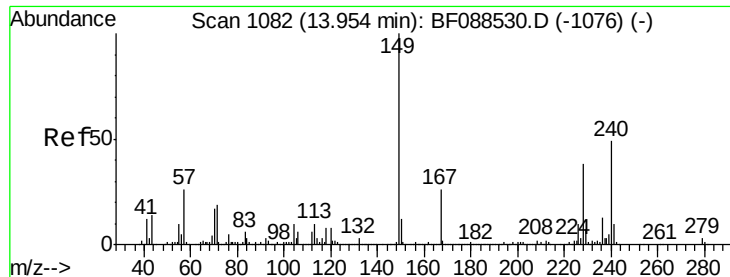
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 7/7/2016 6:08:00 PM



#82
 Chrysene
 Concen: 20.63 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	19.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.60 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088741.D

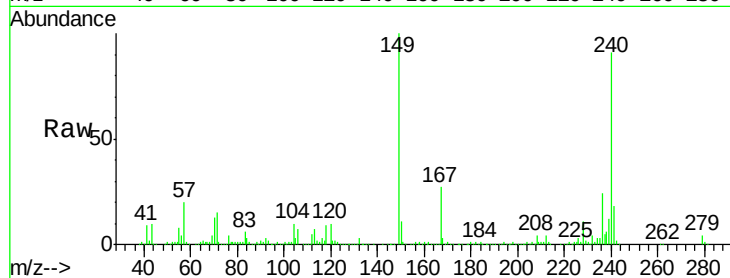
Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMS



Tot Ion:149 Resp: 474389

Ion Ratio Lower Upper

149 100

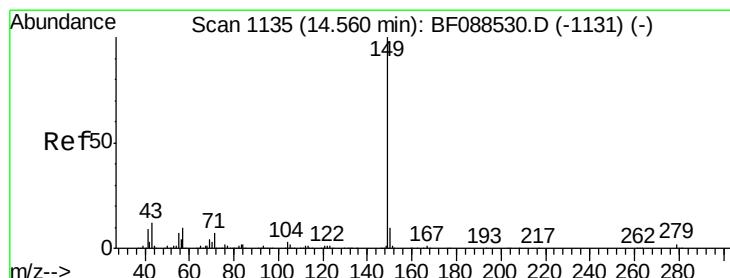
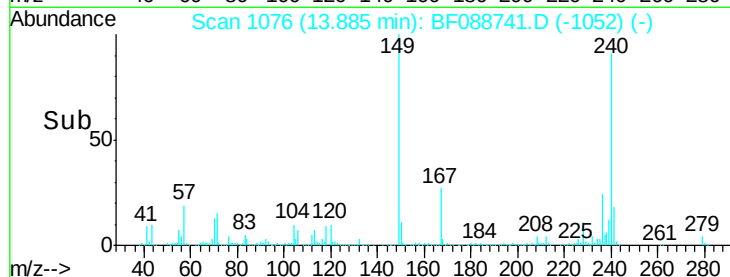
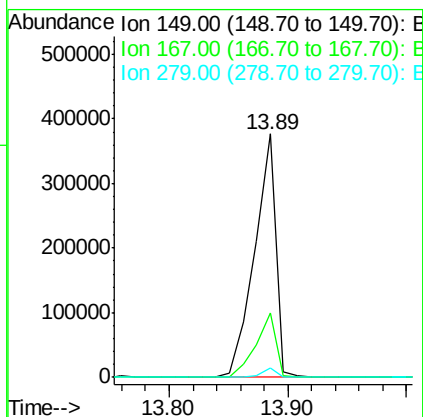
167 26.6 20.5 30.7

279 3.8 2.0 3.0#

Manual Integrations

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7/7/2016 6:08:00 PM



#84

Di-n-octyl phthalate

Concen: 27.21 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

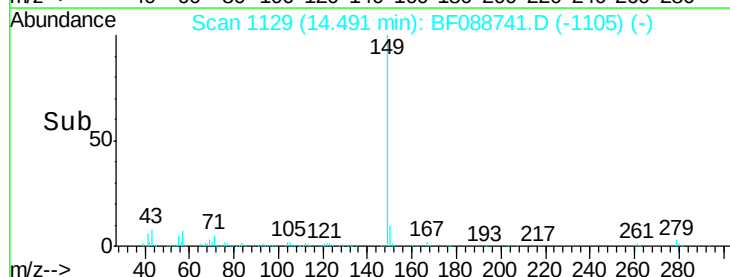
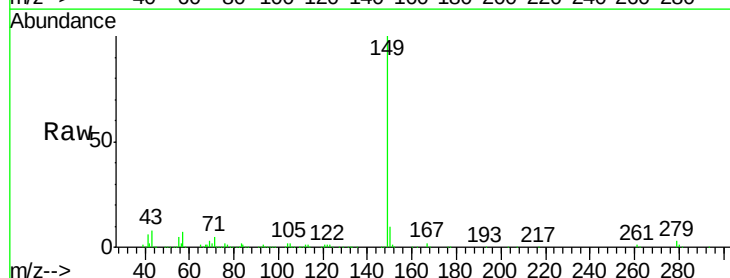
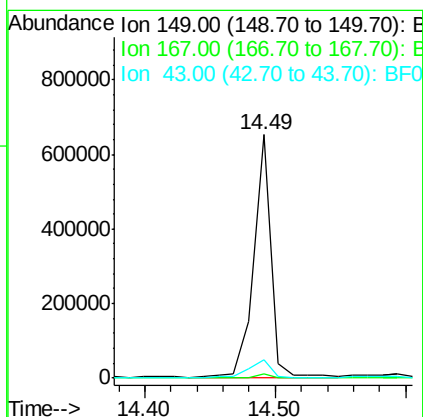
Tgt Ion:149 Resp: 599207

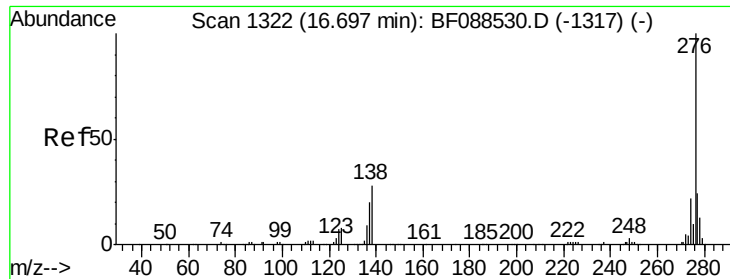
Ion Ratio Lower Upper

149 100

167 2.3 0.0 0.0#

43 9.5 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.97 ng

RT: 16.57 min Scan# 1311

Delta R.T. -0.07 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

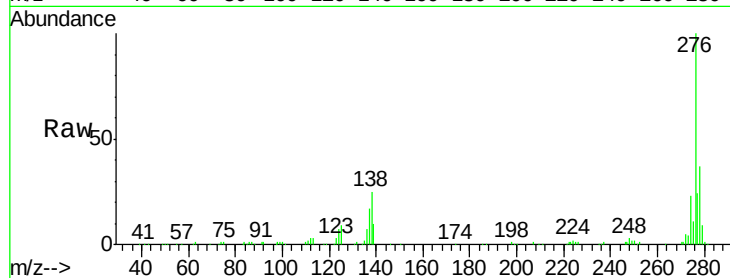
SB-13-COMPMS

Tot Ion:	276	Resp:	323214
Ion Ratio	Lower	Upper	
276	100		
138	28.3	0.0	0.0#
277	24.8	0.0	0.0#

Manual Integrations

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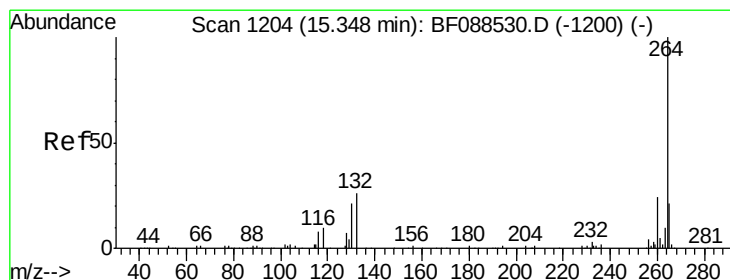
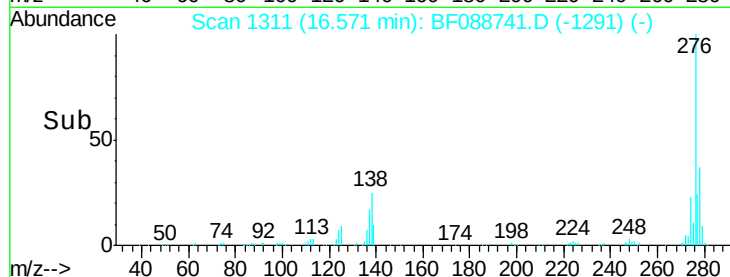
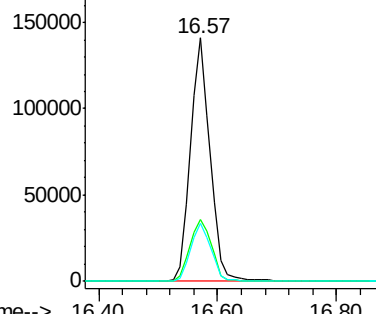
7/7/2016 6:08:00 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

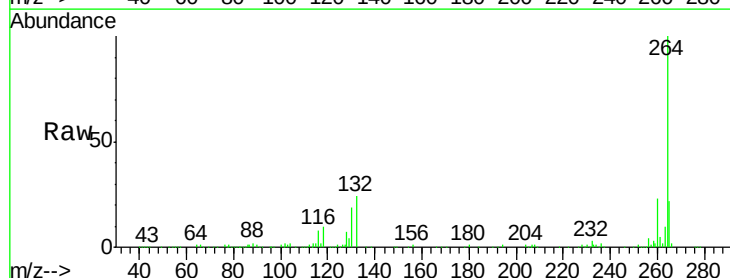
RT: 15.26 min Scan# 1196

Delta R.T. -0.05 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

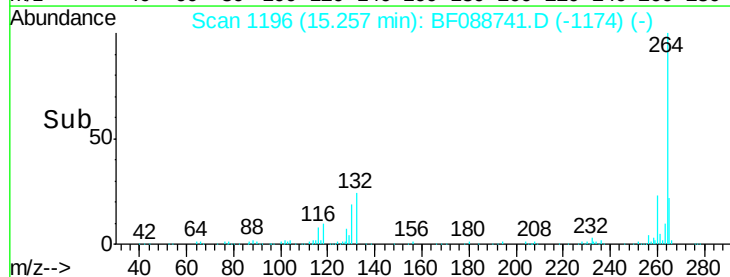
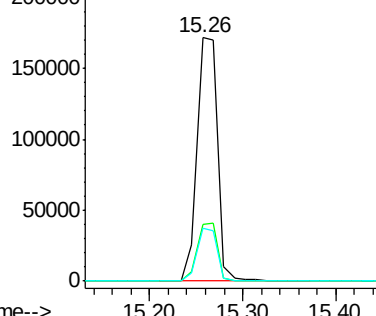
Tgt Ion:	264	Resp:	263316
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.6	16.9	25.3

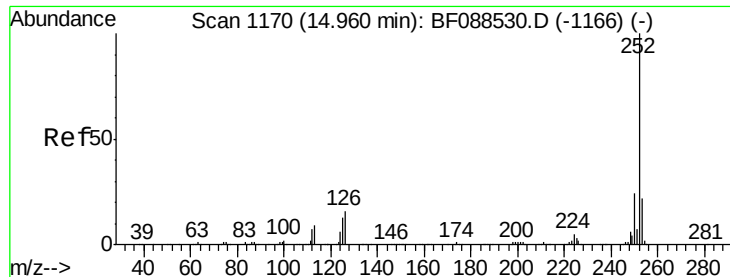


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 24.73 ng m

RT: 14.88 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF088741.D

Acq: 6 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

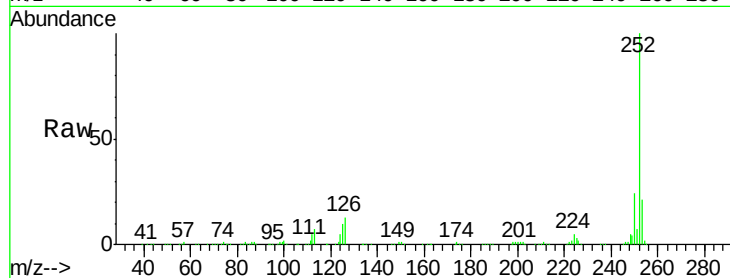
SB-13-COMPMS

Tot Ion:	252	Resp:	408421
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.4	26.2
125	9.7	7.1	10.7

Manual Integrations

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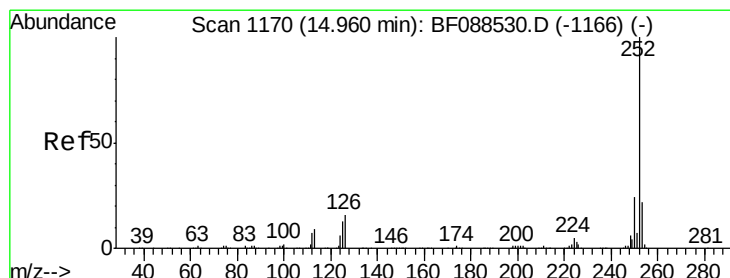
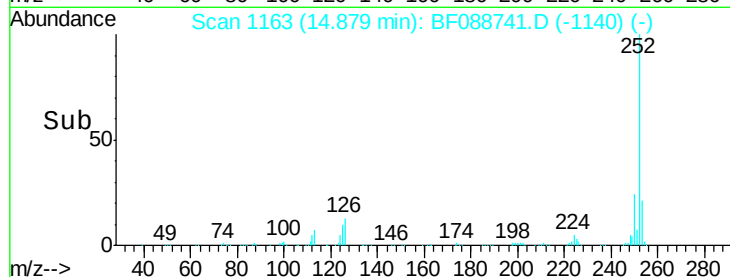
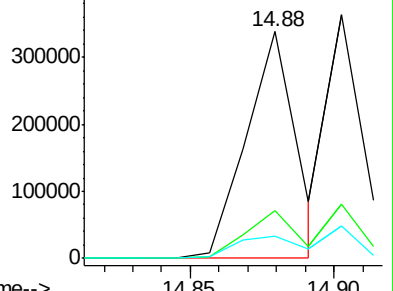
7/7/2016 6:08:00 PM



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: 22.02 ng m

RT: 14.90 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF088741.D

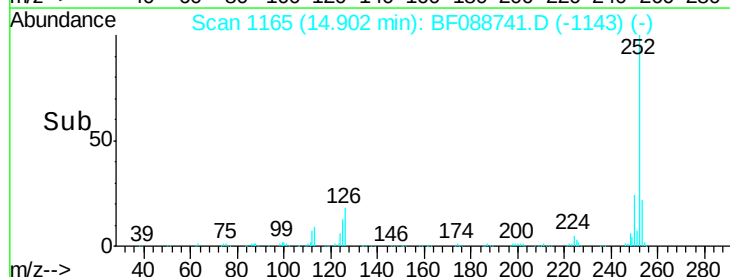
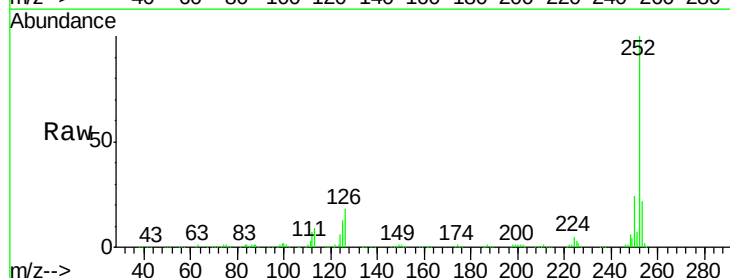
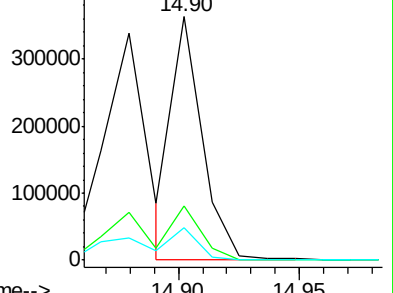
Acq: 6 Jul 2016 18:35

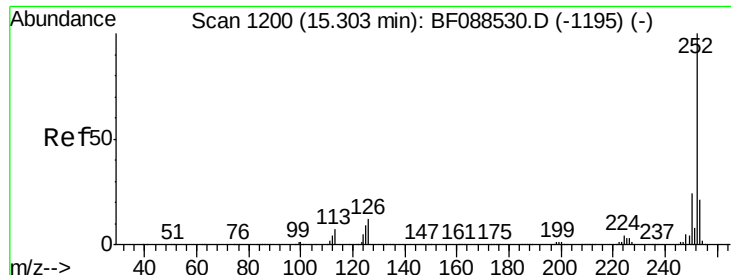
Tgt Ion:	252	Resp:	316692
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	13.1	11.2	16.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





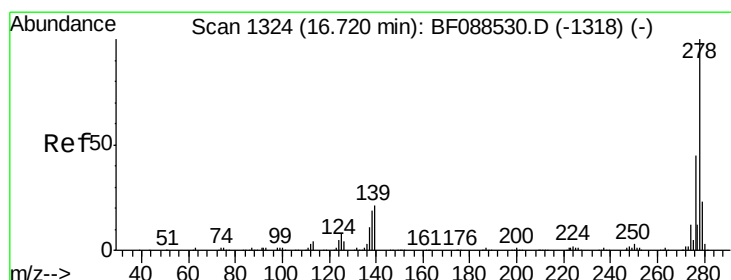
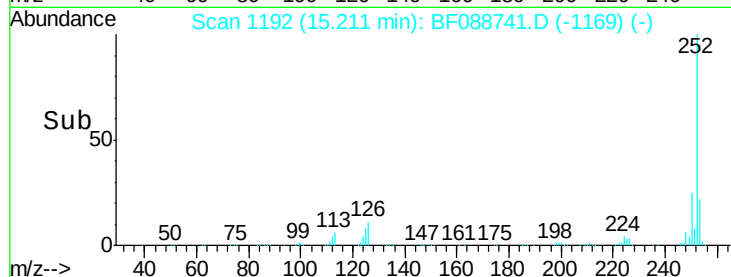
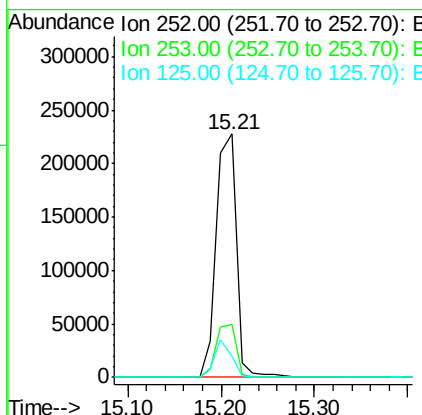
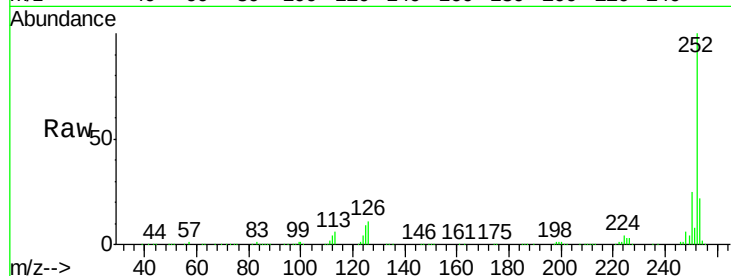
#89
Benzo(a)pyrene
Concen: 24.52 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	8.5	12.5	18.7#

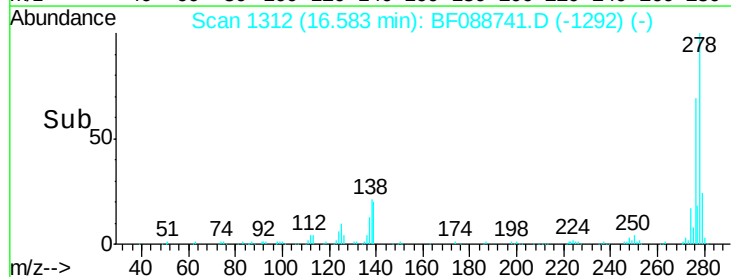
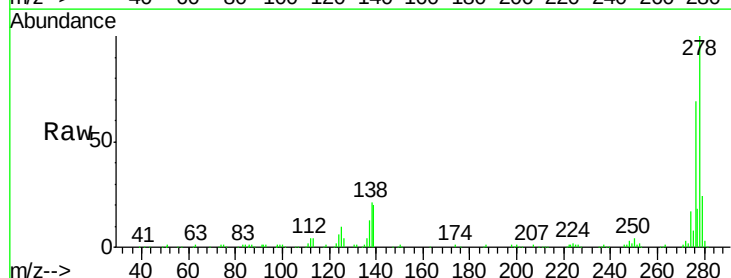
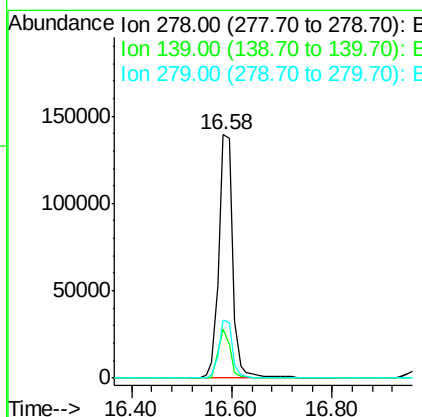
Manual Integrations

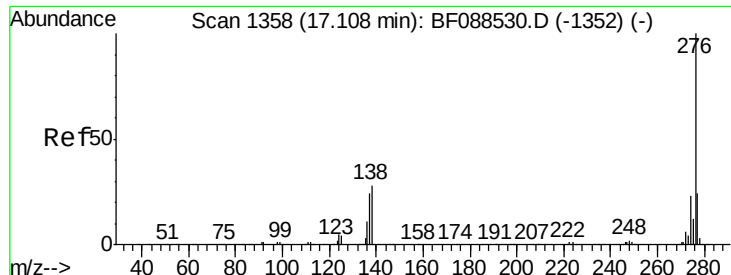
umangi
7/7/2016 6:08:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 23.16 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.07 min
Lab File: BF088741.D
Acq: 6 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.7	23.5
279	23.7	19.4	29.2





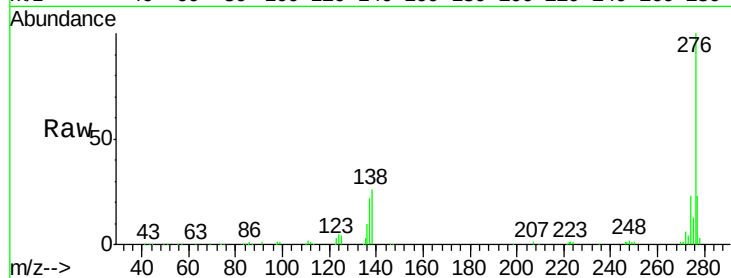
#91
 Benzo(a,h,i)perylene
 Concen: 21.56 ng
 RT: 16.96 min Scan# 1345
 Delta R.T. -0.08 min
 Lab File: BF088741.D
 Acq: 6 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMS

Tot Ion:	276	Resp:	260603
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.9	28.3
138	26.2	21.4	32.2

Manual Integrations

umangi
 7/7/2016 6:08:00 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

