

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088531.D
 Acq On : 30 Jun 2016 16:08
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:06:53 AM

Quant Time: Jun 30 17:53:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 16:14:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	121287	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	507440	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	224419	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	409690	20.00	ng	0.00
75) Chrysene-d12	13.95	240	241153	20.00	ng	0.00
86) Perylene-d12	15.35	264	223307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	764261	48.48	ng	0.00
7) Phenol-d6	6.44	99	1007114	48.86	ng	0.00
23) Nitrobenzene-d5	7.38	82	889489	45.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	200352	49.73	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1413626	47.31	ng	0.00
78) Terphenyl-d14	12.91	244	1073024	48.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	201897	50.66	ng	# 35
3) Pyridine	3.08	79	577483	49.54	ng	95
4) n-Nitrosodimethylamine	3.04	42	222928	49.32	ng	92
6) Aniline	6.48	93	713651	46.38	ng	95
8) 2-Chlorophenol	6.60	128	436165	48.63	ng	86
9) Benzaldehyde	6.36	77	351920	83.97	ng	93
10) Phenol	6.47	94	541349	43.99	ng	# 57
11) bis(2-Chloroethyl)ether	6.56	93	487626	53.25	ng	90
12) 1,3-Dichlorobenzene	6.75	146	432666m	46.05	ng	
13) 1,4-Dichlorobenzene	6.83	146	439701	46.65	ng	96
14) 1,2-Dichlorobenzene	6.99	146	438436	49.85	ng	96
15) Benzyl Alcohol	6.96	79	361978	43.31	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	661388	51.61	ng	96
17) 2-Methylphenol	7.07	107	339277	44.78	ng	98
18) Hexachloroethane	7.34	117	186071	51.18	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	350603	49.06	ng	89
20) 3+4-Methylphenols	7.23	107	421164	47.29	ng	# 61
22) Acetophenone	7.23	105	581308	47.31	ng	# 88
24) Nitrobenzene	7.40	77	543416	53.21	ng	88
25) Isophorone	7.64	82	857394	44.78	ng	95
26) 2-Nitrophenol	7.71	139	191521	46.11	ng	92
27) 2,4-Dimethylphenol	7.76	122	397120	46.83	ng	91
28) bis(2-Chloroethoxy)methane	7.86	93	596987	50.19	ng	# 97
29) 2,4-Dichlorophenol	7.95	162	318094	45.27	ng	94
30) 1,2,4-Trichlorobenzene	8.04	180	352664	47.47	ng	99
31) Naphthalene	8.12	128	1184403	47.47	ng	99
32) Benzoic acid	7.90	122	322735	70.64	ng	92
33) 4-Chloroaniline	8.17	127	498456	45.46	ng	96
34) Hexachlorobutadiene	8.25	225	199855	50.75	ng	99
35) Caprolactam	8.55	113	110020	44.27	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	347456	43.62	ng	92
37) 2-Methylnaphthalene	8.81	142	708732	42.83	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	360690	58.46	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	173801	43.69	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	237554	48.39	ng	94
43) 2,4,5-Trichlorophenol	9.13	196	239882	52.92	ng	99
45) 1,1'-Biphenyl	9.28	154	854650	48.02	ng	98
46) 2-Chloronaphthalene	9.30	162	693830	48.38	ng	98
47) 2-Nitroaniline	9.39	65	259840	53.36	ng	98
48) Acenaphthylene	9.71	152	1038682	44.58	ng	99
49) Dimethylphthalate	9.59	163	858633	51.01	ng	99
50) 2,6-Dinitrotoluene	9.63	165	186579	50.32	ng	# 39
51) Acenaphthene	9.88	154	661926	45.86	ng	99
52) 3-Nitroaniline	9.80	138	209033	47.06	ng	90
53) 2,4-Dinitrophenol	9.91	184	93476m	63.48	ng	
54) Dibenzofuran	10.06	168	852352	41.80	ng	# 88
55) 4-Nitrophenol	9.95	139	155421	43.30	ng	88
56) 2,4-Dinitrotoluene	10.03	165	230690	48.21	ng	# 43
57) Fluorene	10.40	166	653571	44.28	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	158551	42.79	ng	# 47
59) Diethylphthalate	10.28	149	820413	47.48	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	312095	46.57	ng	# 87
61) 4-Nitroaniline	10.42	138	240435	56.97	ng	97
62) Azobenzene	10.55	77	913075	43.23	ng	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	122345	64.70	ng	92
65) n-Nitrosodiphenylamine	10.51	169	648866	46.16	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	191613	45.64	ng	# 80
67) Hexachlorobenzene	10.95	284	233499	52.22	ng	# 83
68) Atrazine	11.04	200	189119	43.31	ng	92
69) Pentachlorophenol	11.13	266	134846	50.30	ng	96
70) Phenanthrene	11.36	178	1127394	48.39	ng	99
71) Anthracene	11.40	178	1005340	43.95	ng	100
72) Carbazole	11.55	167	983165	44.98	ng	99
73) Di-n-butylphthalate	11.90	149	1110461	43.54	ng	# 99
74) Fluoranthene	12.54	202	1053500	46.66	ng	98
76) Benzidine	12.66	184	701163	89.58	ng	97
77) Pyrene	12.76	202	1136414	55.03	ng	99
79) Butylbenzylphthalate	13.39	149	497801	54.11	ng	96
80) Benzo(a)anthracene	13.94	228	775614	48.35	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	283612	53.15	ng	# 95
82) Chrysene	13.99	228	805907	51.18	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	557343	52.14	ng	100
84) Di-n-octyl phthalate	14.56	149	906229	51.23	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	647692	52.11	ng	# 100
87) Benzo(b)fluoranthene	14.96	252	655160	47.63	ng	# 96
88) Benzo(k)fluoranthene	14.98	252	603457m	47.45	ng	
89) Benzo(a)pyrene	15.30	252	604281	48.38	ng	# 93
90) Dibenzo(a,h)anthracene	16.72	278	549887	53.84	ng	97
91) Benzo(g,h,i)perylene	17.11	276	586473	55.27	ng	98

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

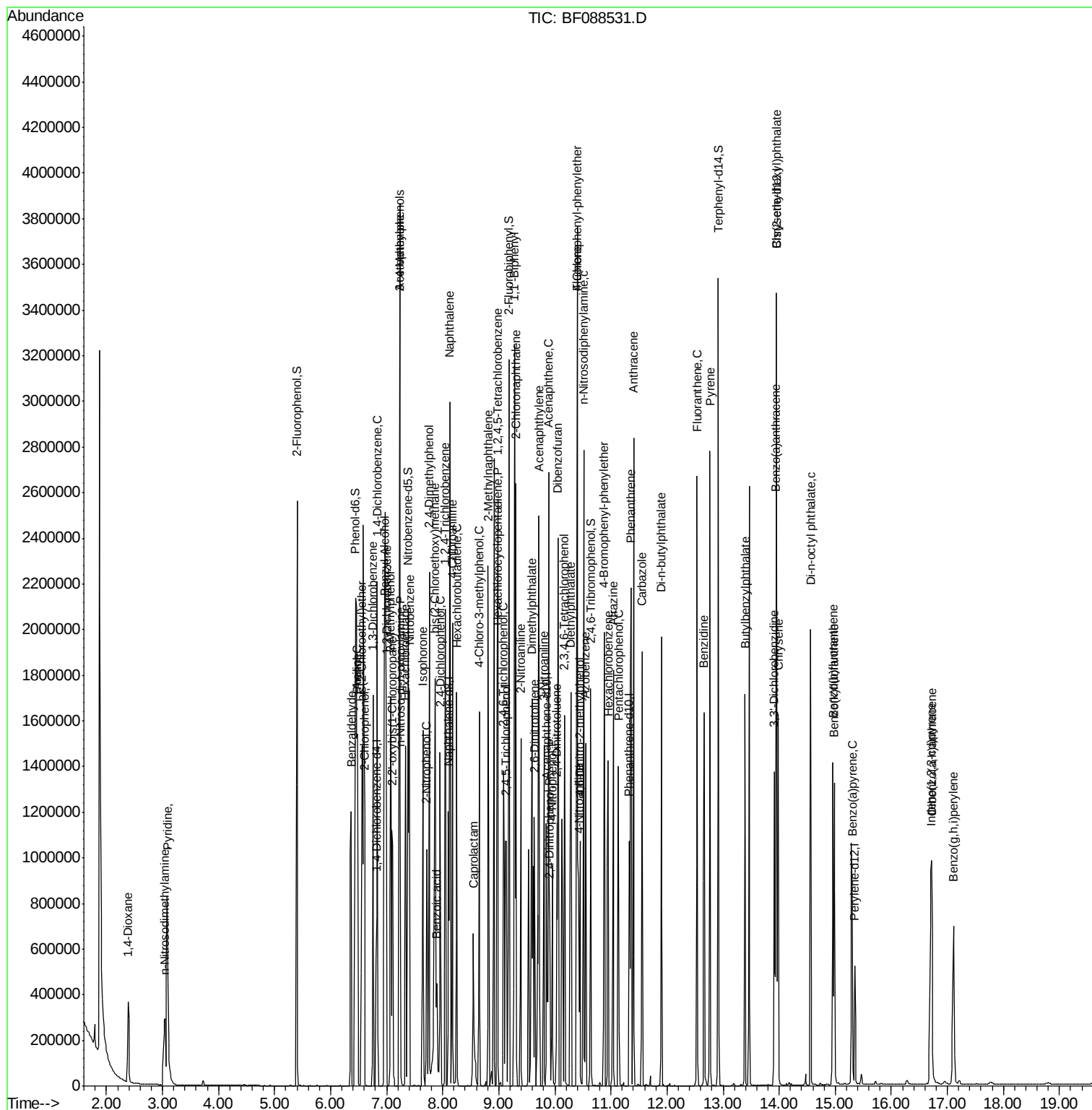
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#1

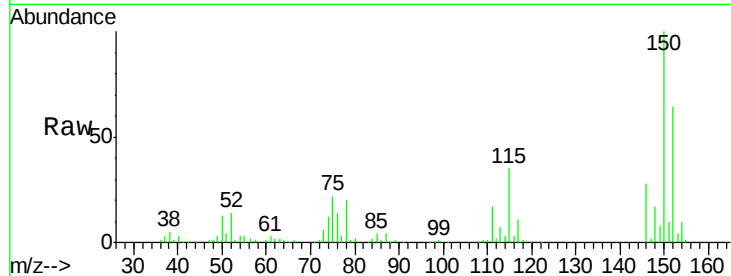
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

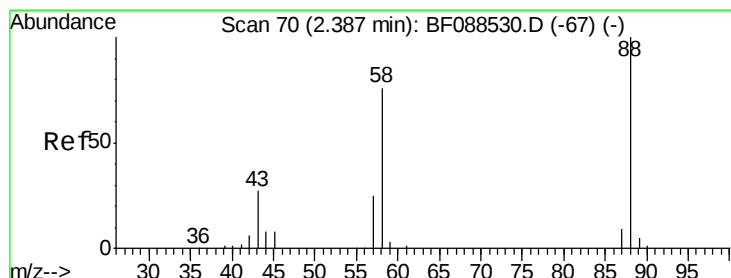
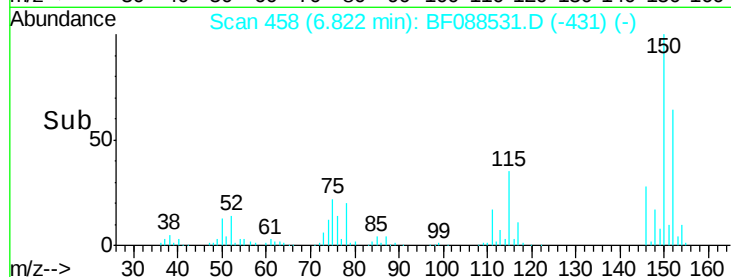
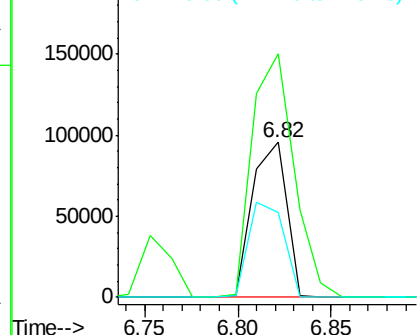
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.8	185.6
115	54.7	39.6	59.4

Manual Integrations

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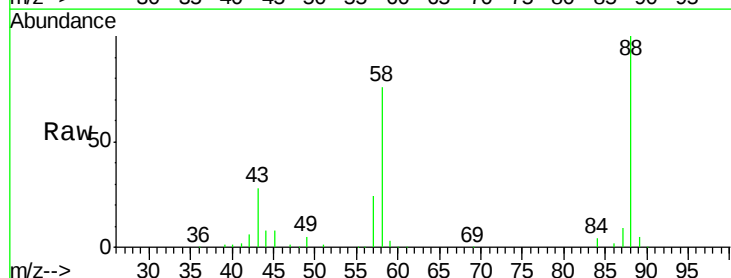
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



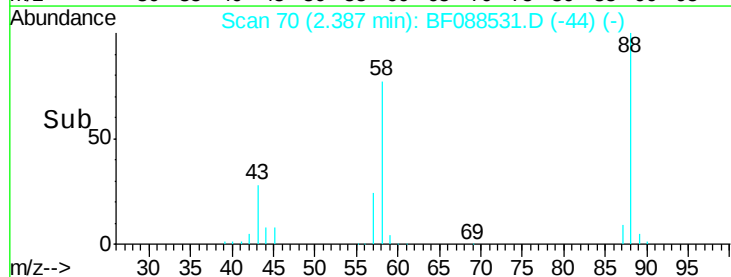
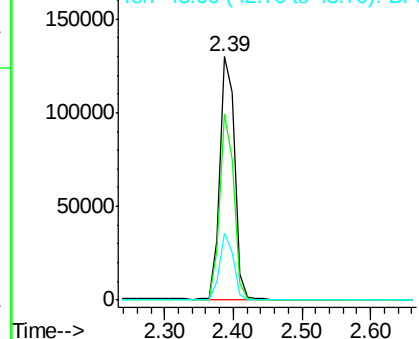
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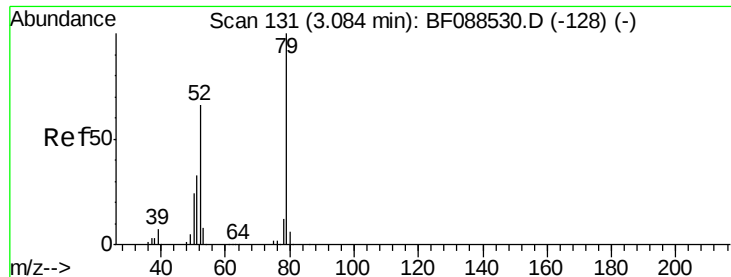
1,4-Dioxane
Concen: 50.66 ng
RT: 2.39 min Scan# 70
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	0.0	0.0#
43	25.6	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

Pyridine

Concen: 49.54 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088531.D

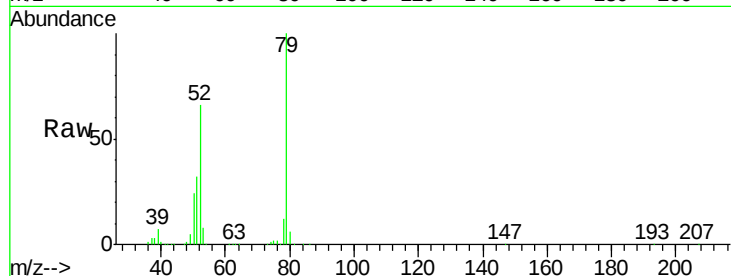
Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion: 79 Resp: 577483

Ion Ratio Lower Upper

79 100

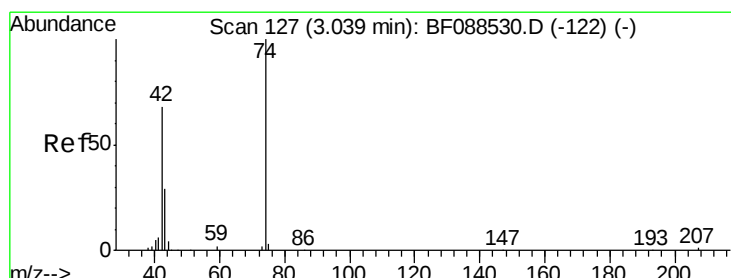
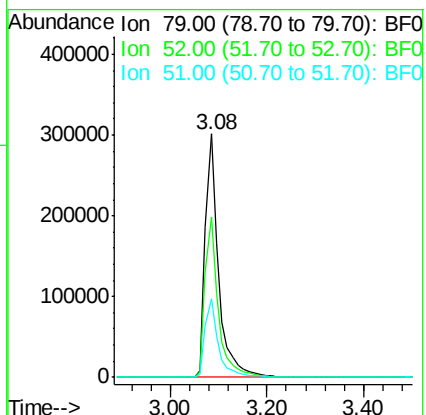
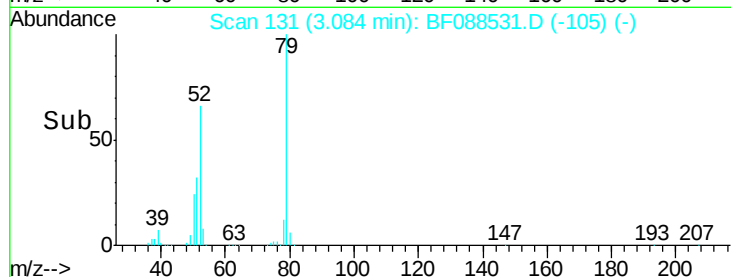
52 65.7 56.3 84.5

51 32.2 27.4 41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 49.32 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

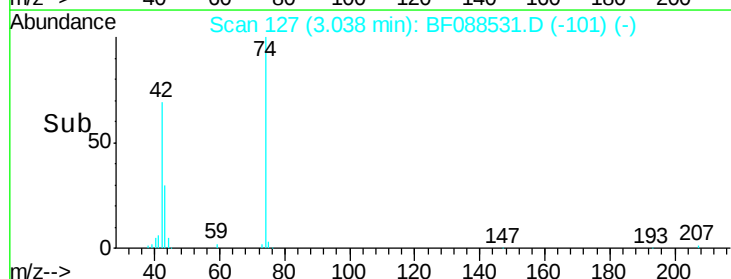
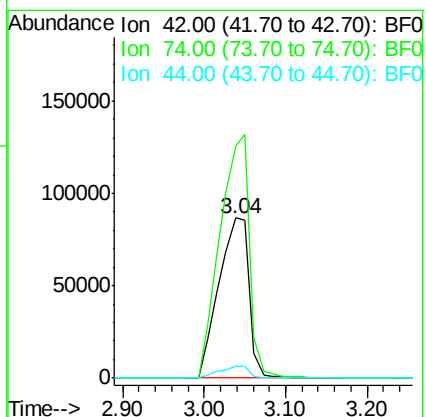
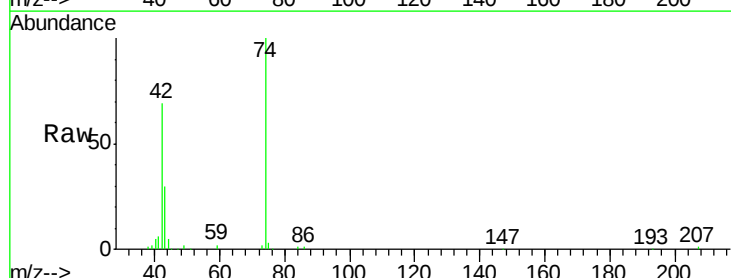
Tgt Ion: 42 Resp: 222928

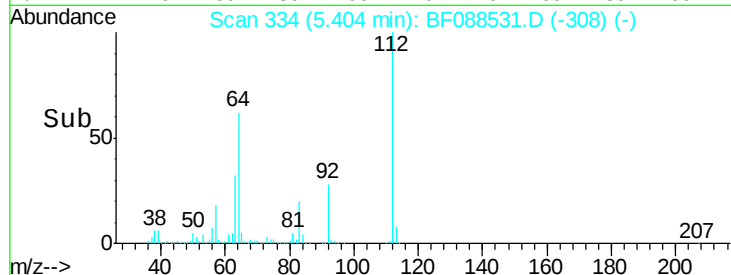
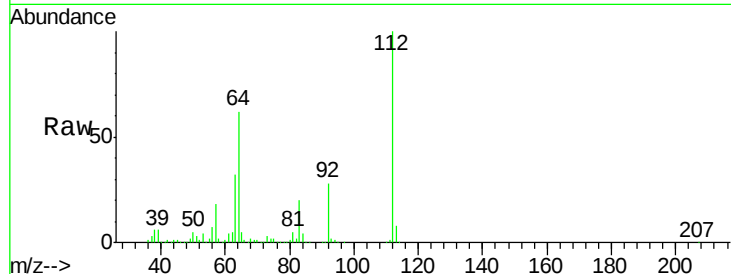
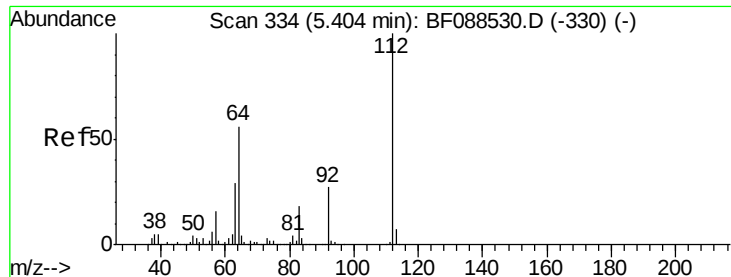
Ion Ratio Lower Upper

42 100

74 145.5 108.6 163.0

44 7.1 5.5 8.3





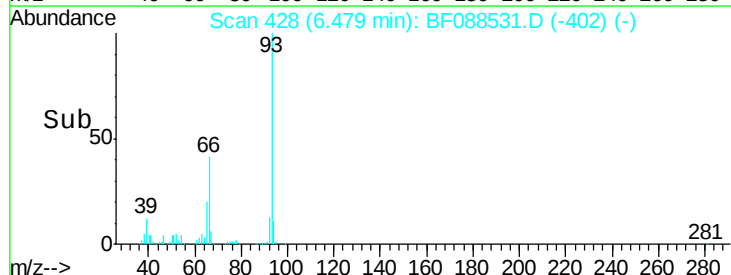
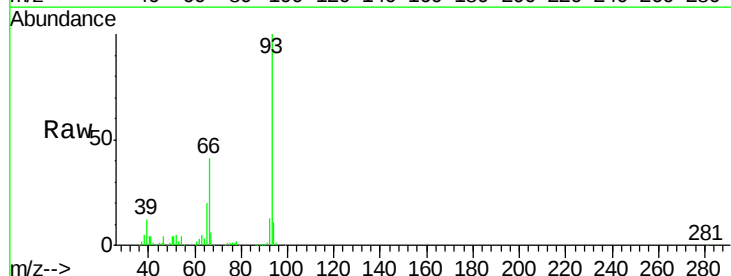
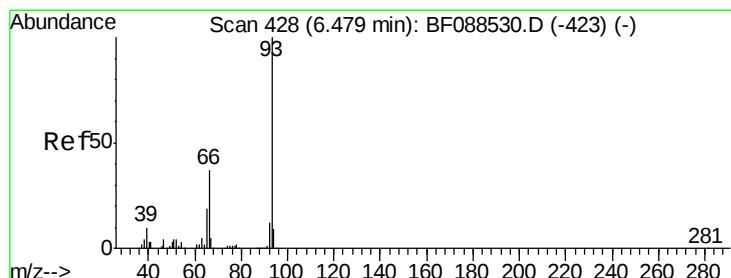
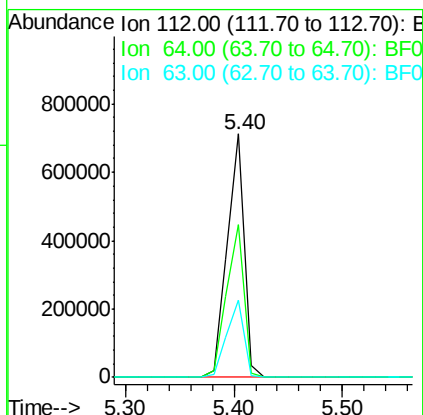
#5
2-Fluorophenol
Concen: 48.48 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	764261		
64	62.5	42.2	63.2	
63	32.0	21.8	32.8	

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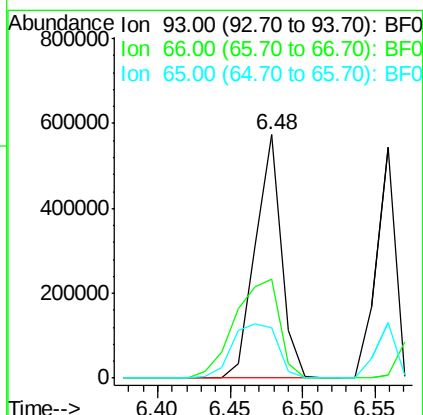
Manual Integrations

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#6
Aniline
Concen: 46.38 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	713651		
66	40.8	29.8	44.8	
65	20.5	14.9	22.3	





#7

Phenol-d6

Concen: 48.86 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 99 Resp: 1007114

Ion Ratio Lower Upper

99 100

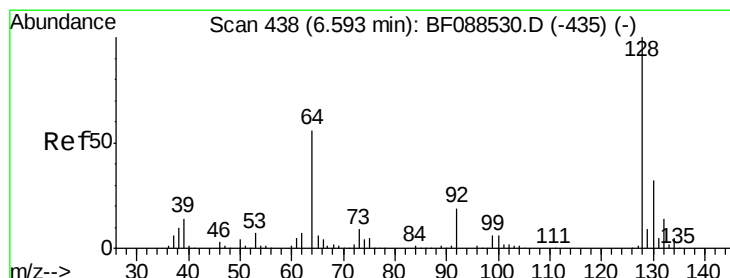
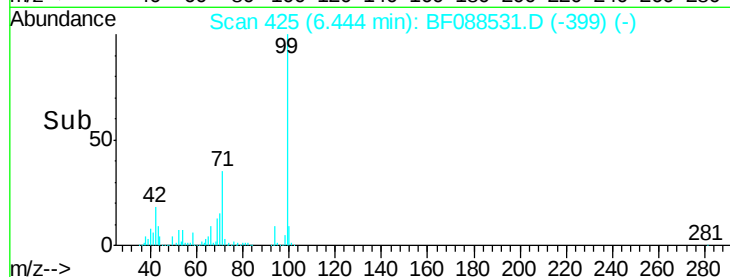
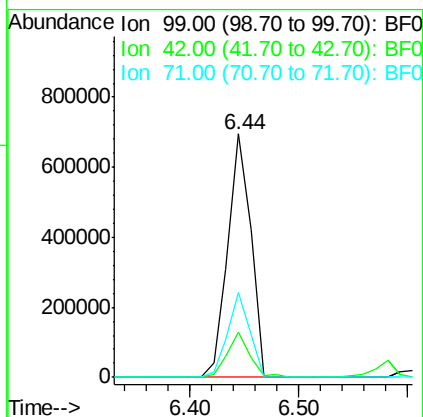
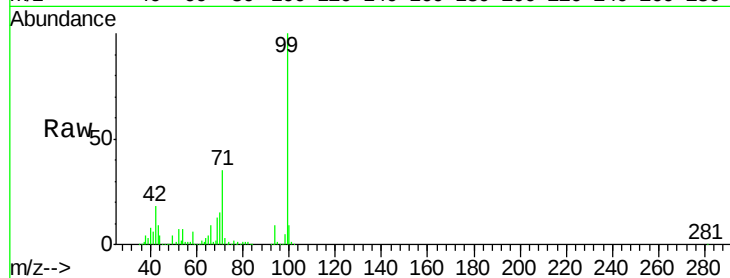
42 18.4 12.2 18.2#

71 34.7 23.4 35.0

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#8

2-Chlorophenol

Concen: 48.63 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

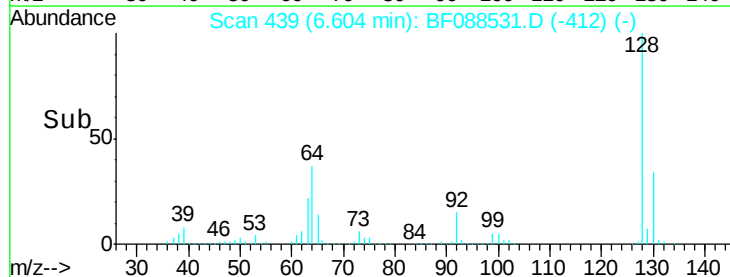
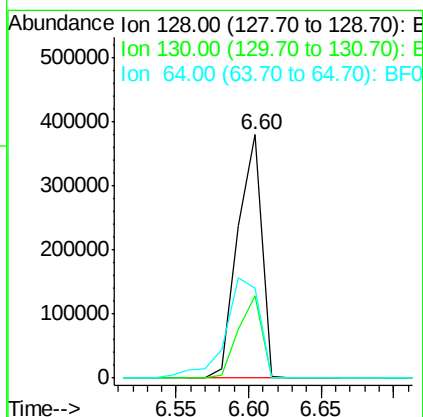
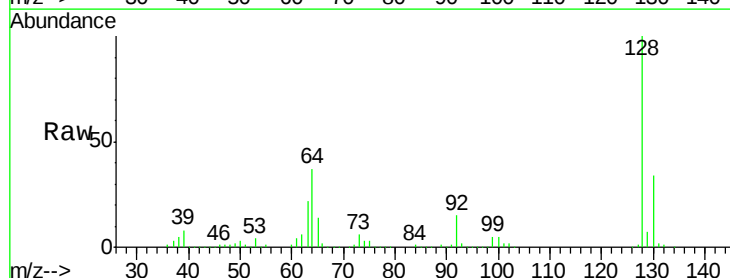
Tgt Ion: 128 Resp: 436165

Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

64 36.9 30.8 70.8





#9

Benzaldehyde

Concen: 83.97 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088531.D

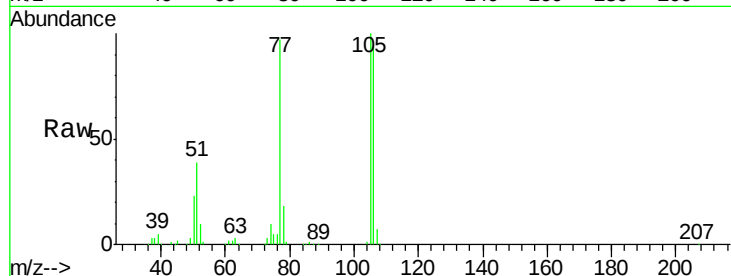
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Instrument :

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ClientSampleId :

SSTDICC050

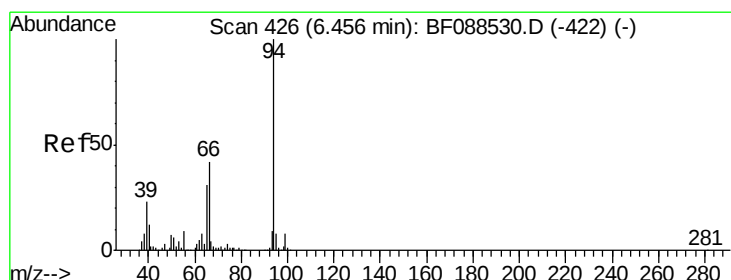
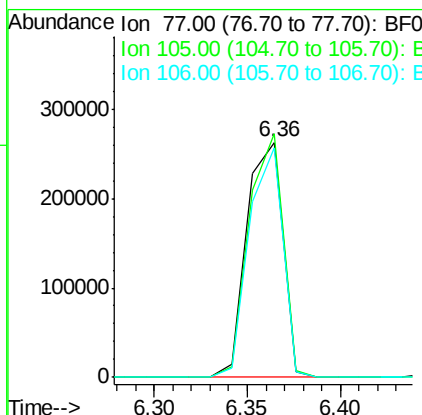
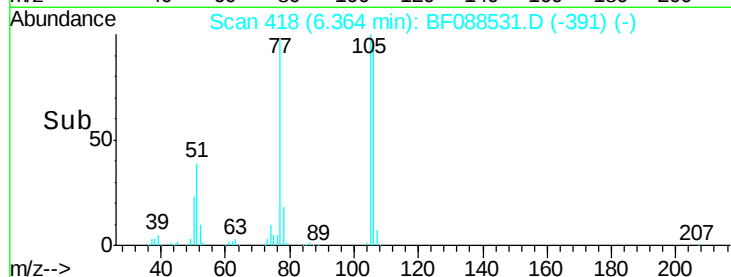


Tgt Ion:	77	Resp:	351920
Ion	Ratio	Lower	Upper
77	100		
105	103.6	90.6	130.6
106	97.5	85.3	125.3

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#10

Phenol

Concen: 43.99 ng

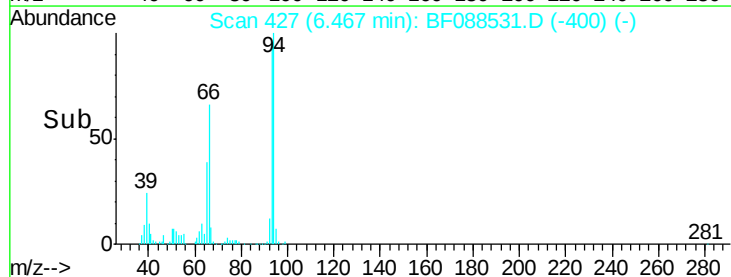
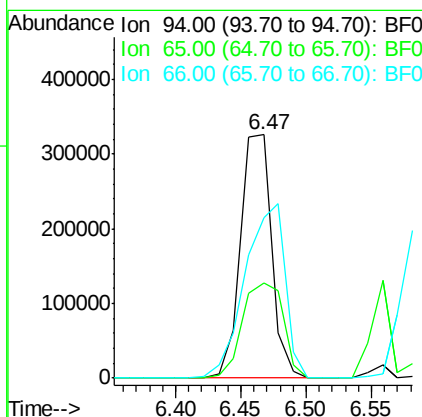
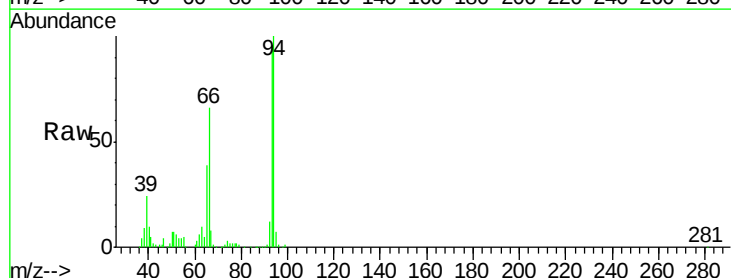
RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion:	94	Resp:	541349
Ion	Ratio	Lower	Upper
94	100		
65	39.1	5.9	45.9
66	65.8	14.0	54.0





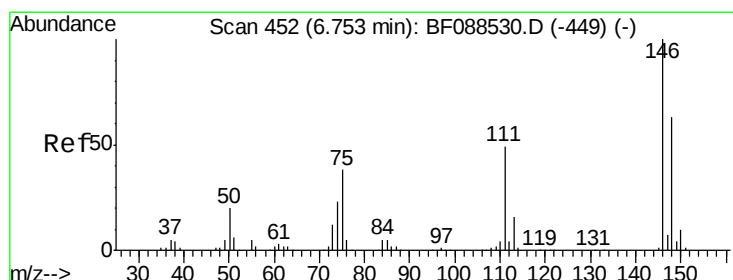
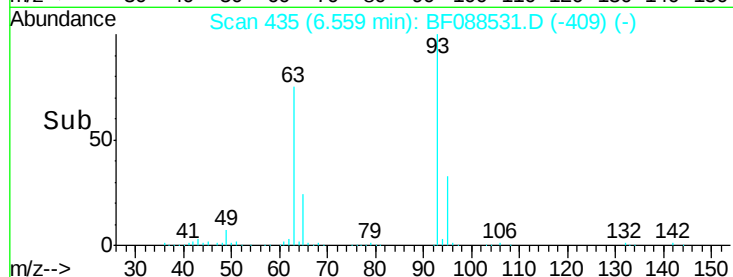
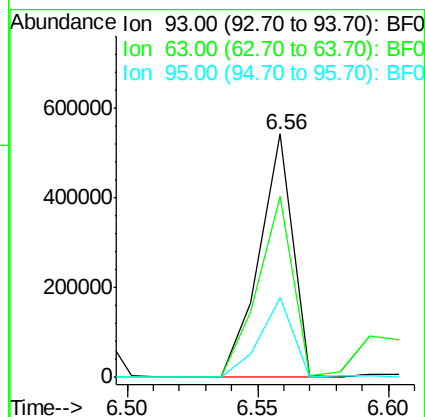
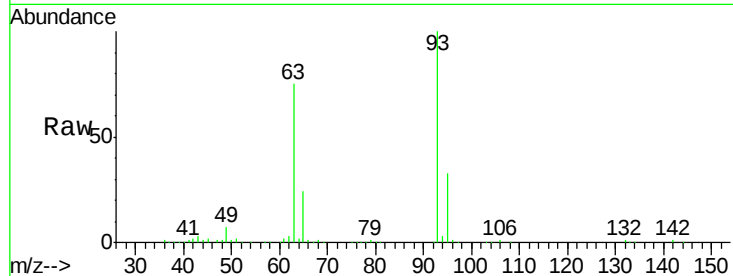
#11
bis(2-Chloroethyl)ether
Concen: 53.25 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 93 Resp: 487626
Ion Ratio Lower Upper
93 100
63 74.5 67.6 107.6
95 32.6 12.5 52.5

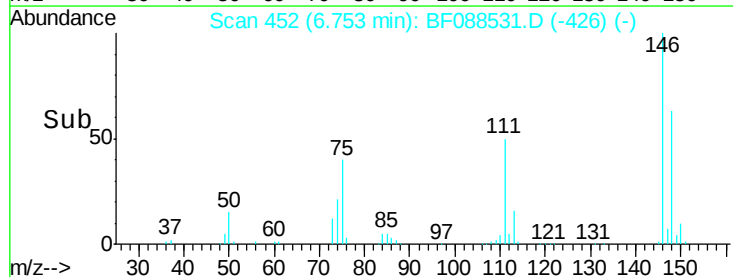
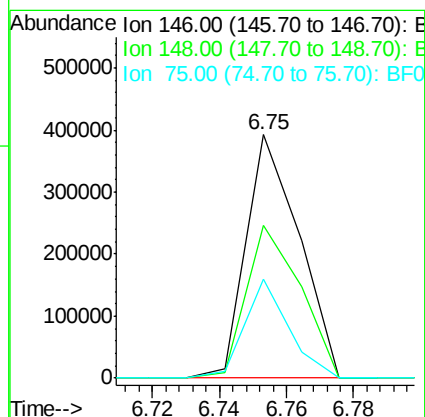
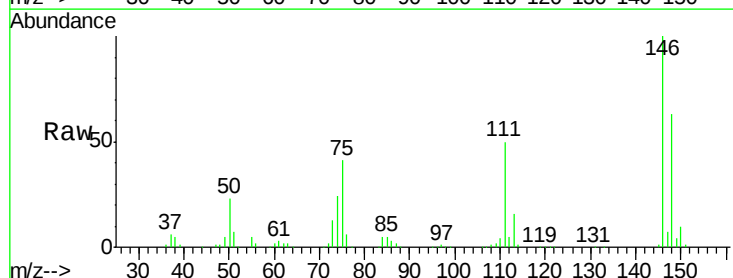
Manual Integrations

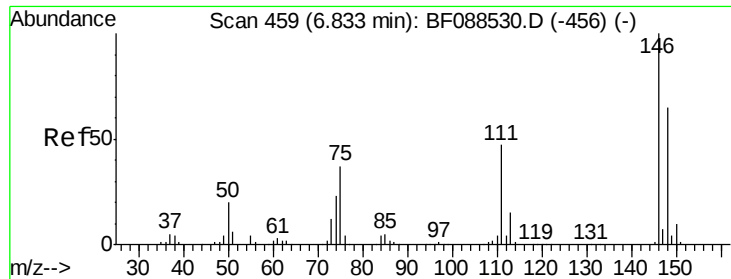
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#12
1,3-Dichlorobenzene
Concen: 46.05 ng m
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion: 146 Resp: 432666
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 40.7 25.6 38.4#





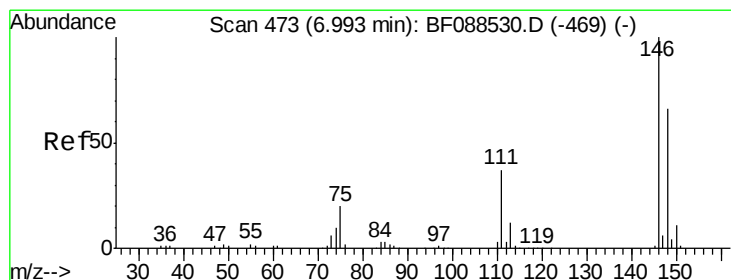
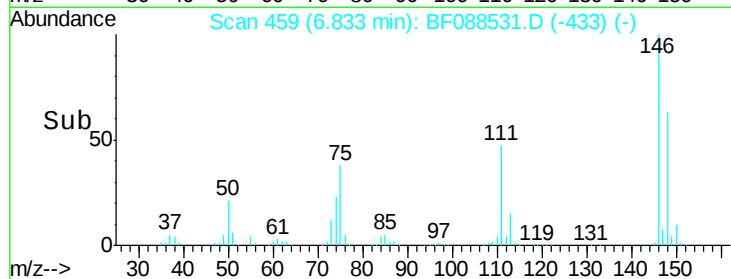
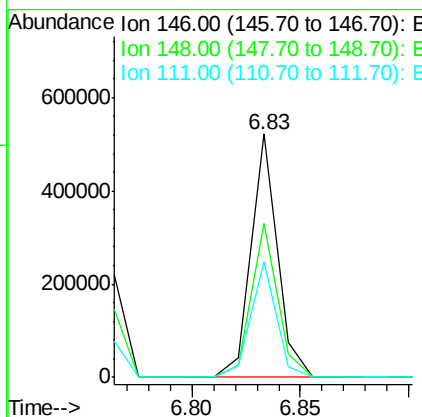
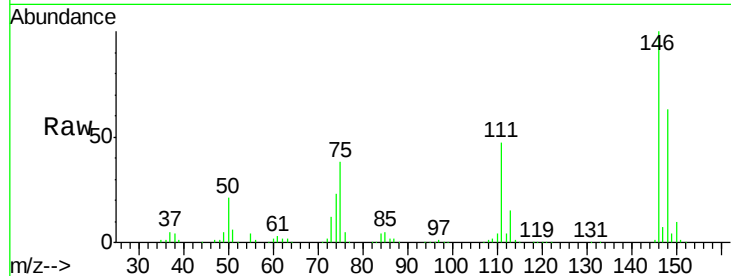
#13
1,4-Dichlorobenzene
Concen: 46.65 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.0	78.0
111	47.3	33.8	50.8

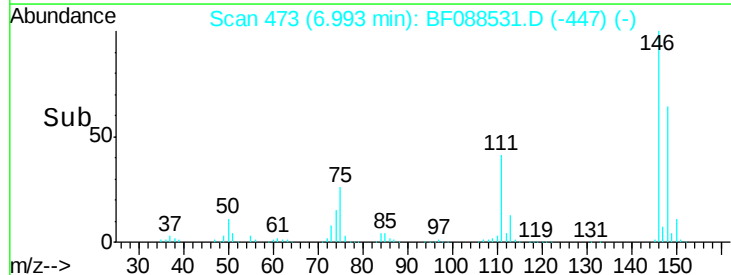
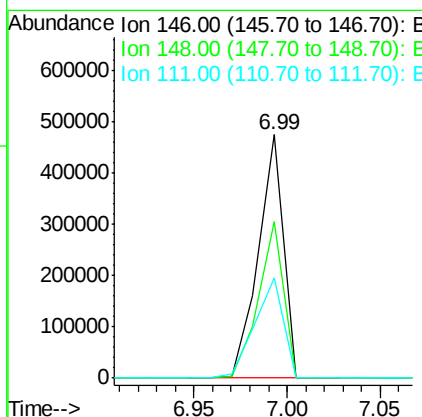
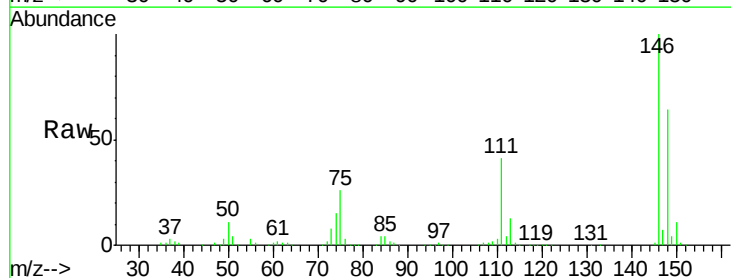
Manual Integrations

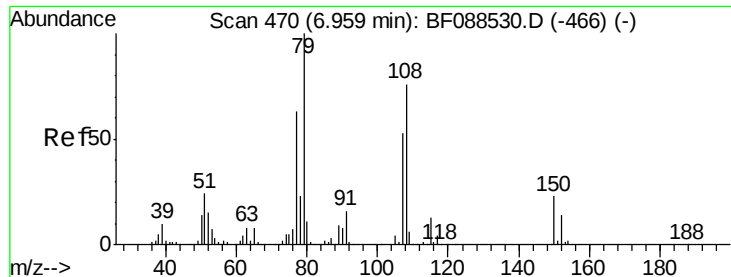
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7/1/2016 8:06:53 AM



#14
1,2-Dichlorobenzene
Concen: 49.85 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	41.0	28.7	43.1





#15

Benzyl Alcohol

Concen: 43.31 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 361978

Ion Ratio Lower Upper

79 100

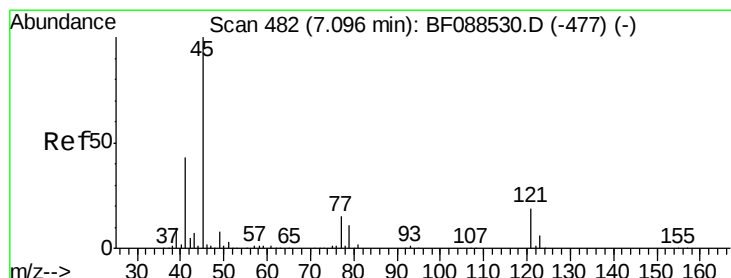
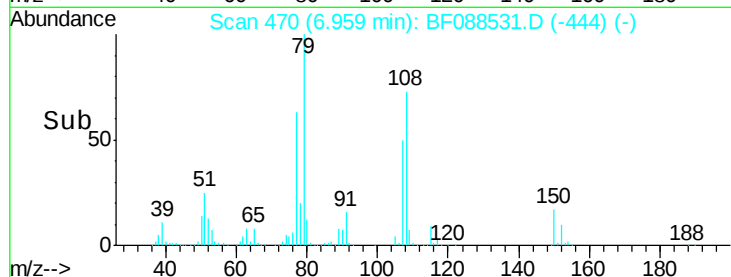
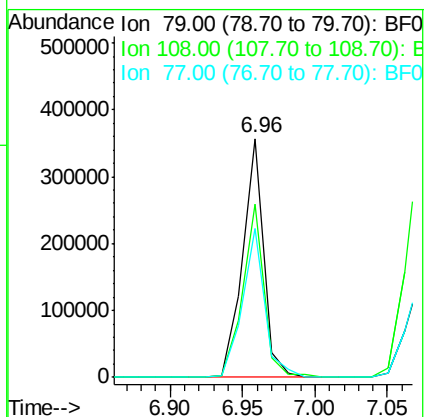
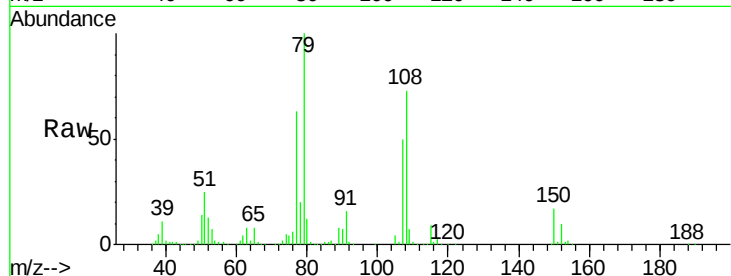
108 72.9 65.0 97.6

77 62.6 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.61 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

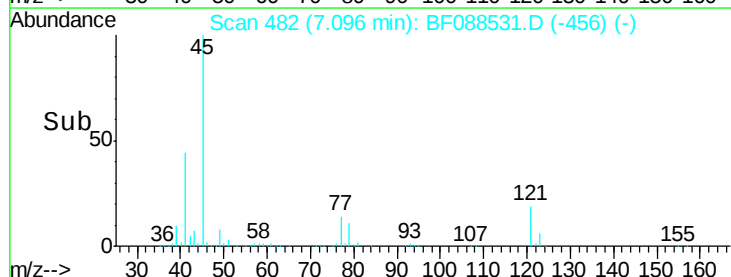
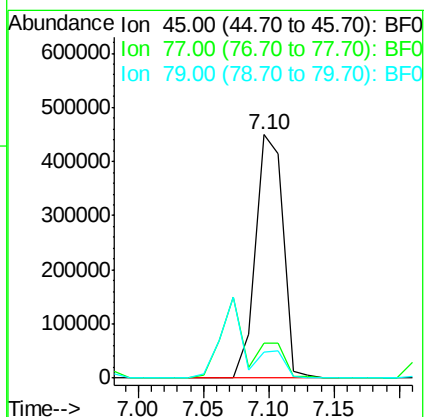
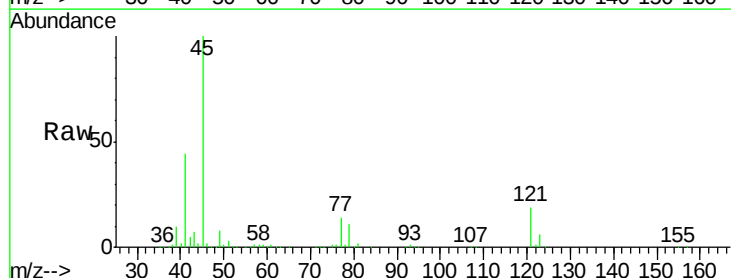
Tgt Ion: 45 Resp: 661388

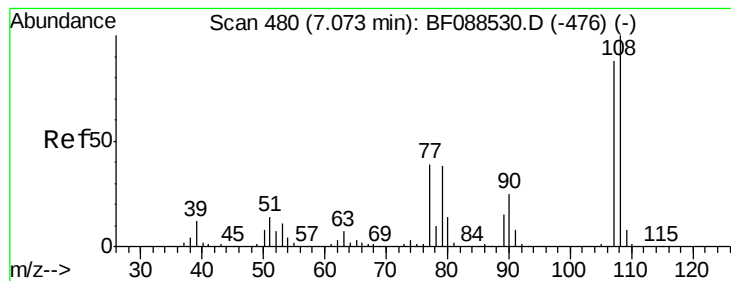
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.5

79 10.7 0.0 29.5





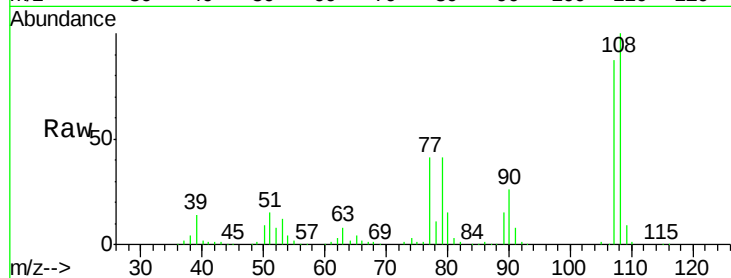
#17
2-Methylphenol
Concen: 44.78 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

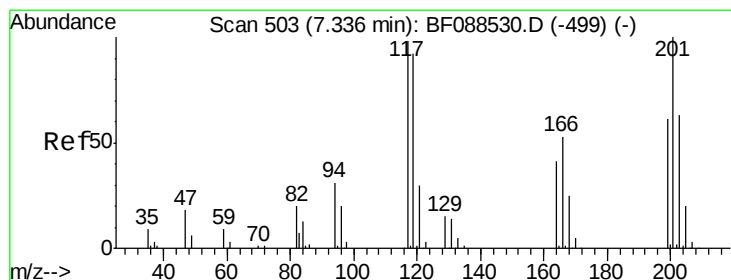
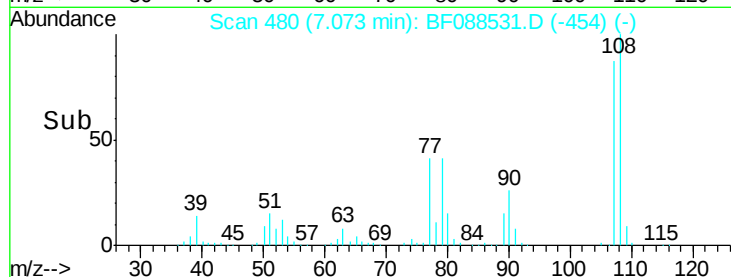
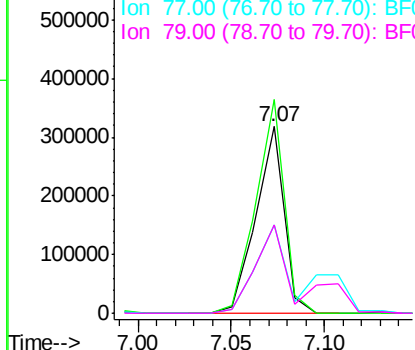
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	339277		
108	114.7	90.9	136.3	
77	47.3	36.6	55.0	
79	47.1	36.5	54.7	

Manual Integrations

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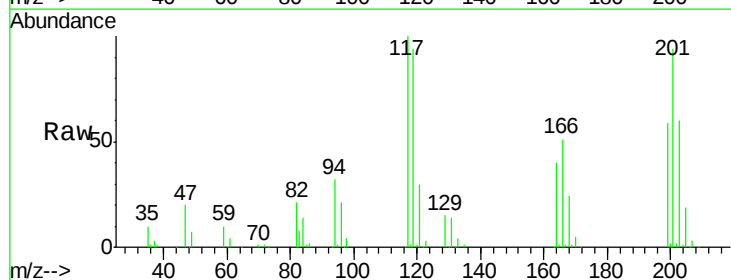


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

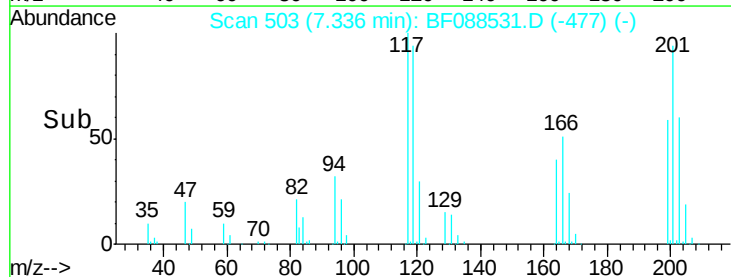
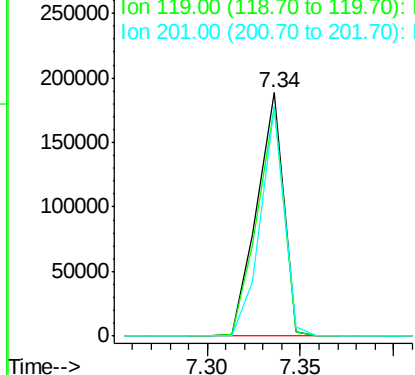


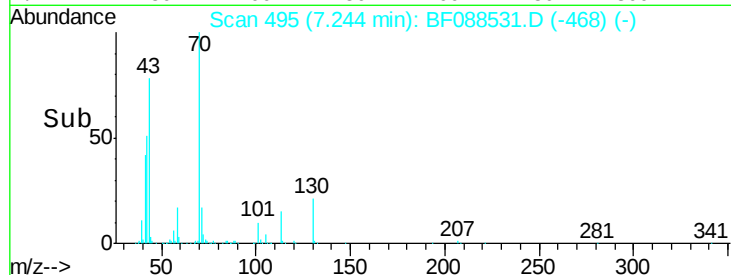
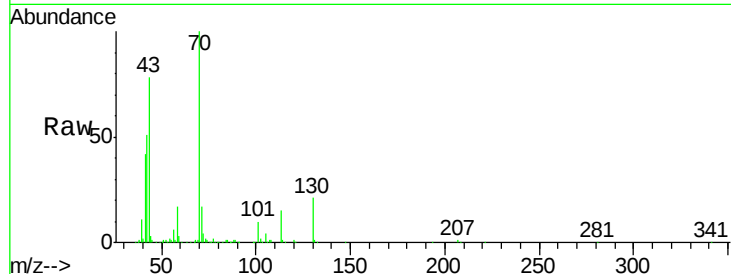
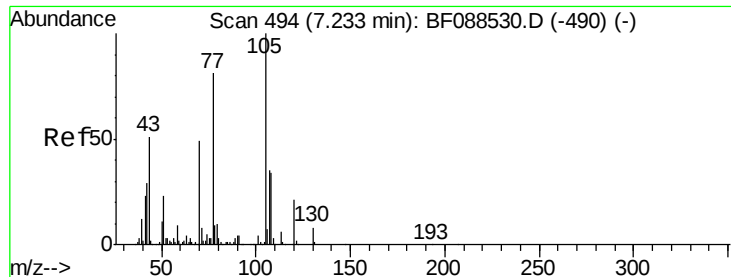
#18
Hexachloroethane
Concen: 51.18 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	186071		
119	94.3	77.4	116.2	
201	94.0	80.4	120.6	



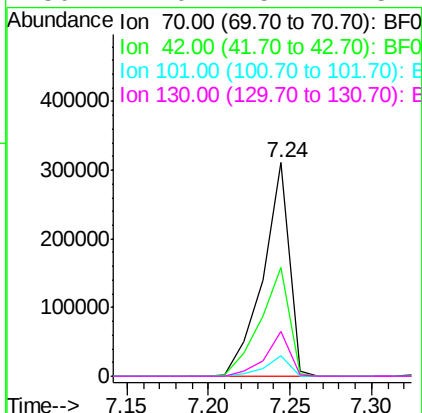
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.06 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

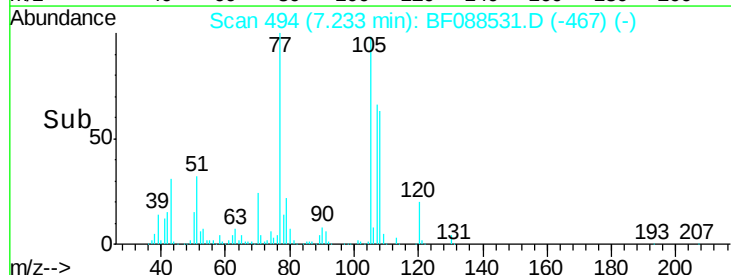
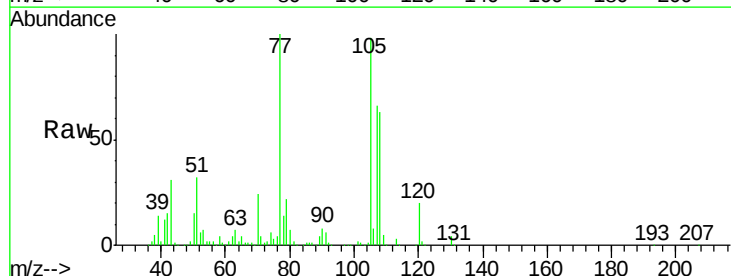
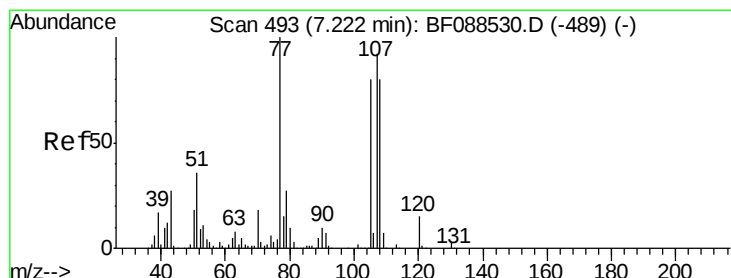
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.2	49.6	74.4
101	9.5	7.1	10.7
130	21.0	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDIC050

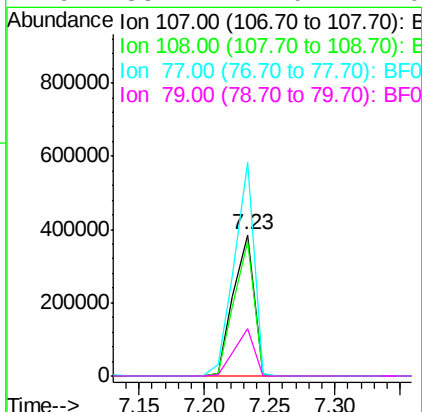
Manual Integrations

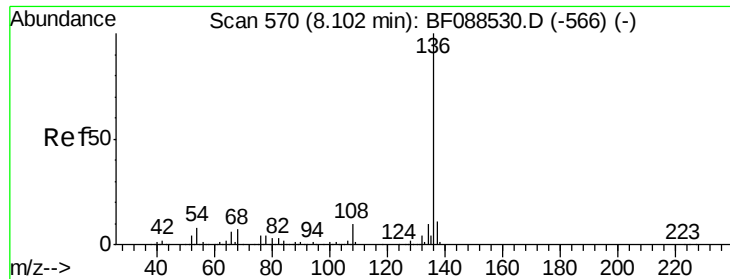
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#20
3+4-Methylphenols
Concen: 47.29 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.5	67.8	107.8
77	151.3	59.3	99.3#
79	33.2	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088531.D

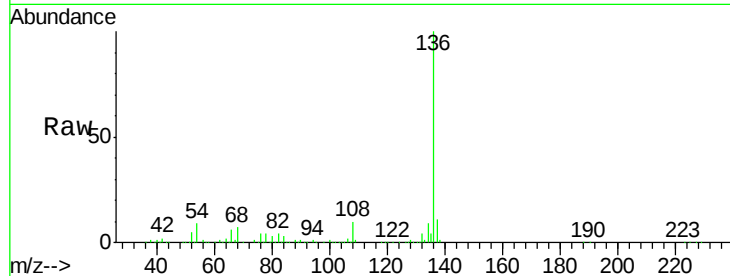
Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

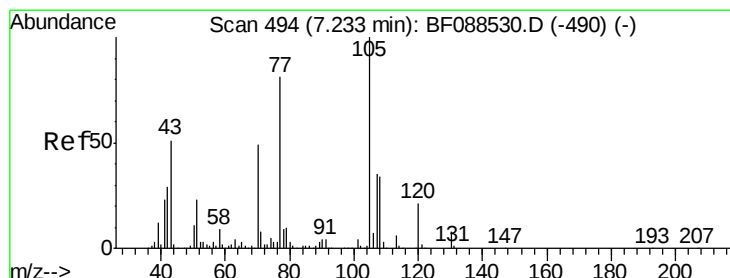
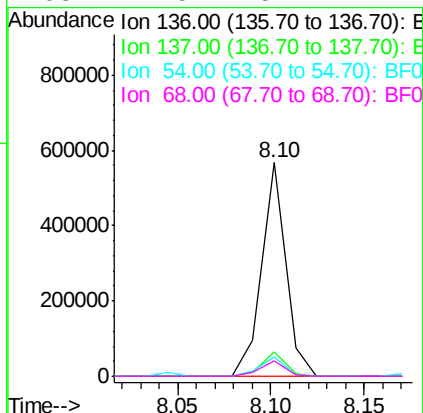
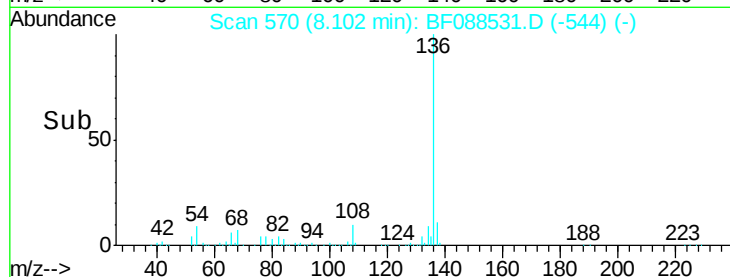


Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.0	6.6	10.0
68	7.5	5.1	7.7

Manual Integrations

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7/1/2016 8:06:53 AM



#22

Acetophenone

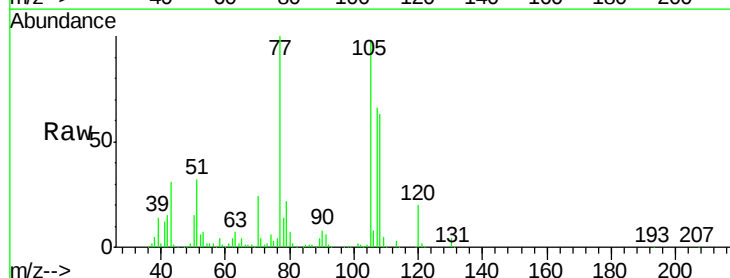
Concen: 47.31 ng

RT: 7.23 min Scan# 494

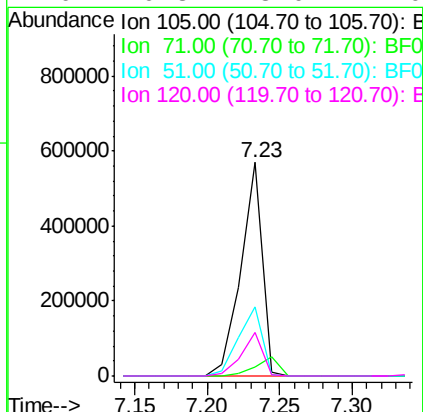
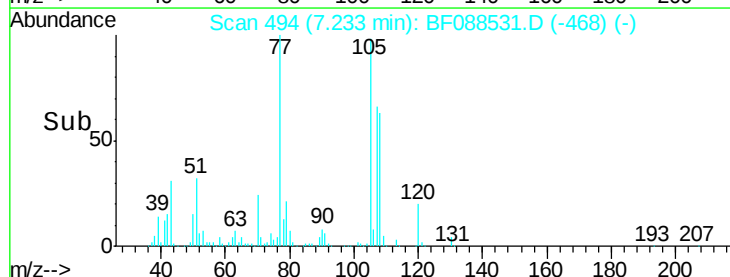
Delta R.T. -0.00 min

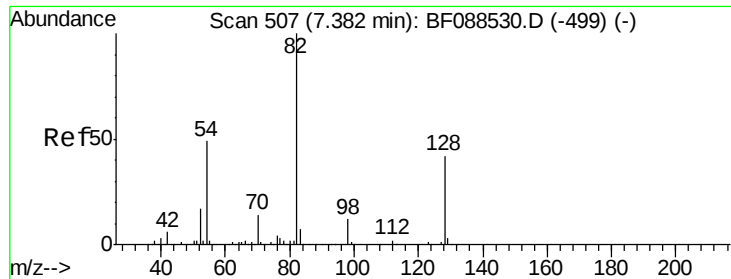
Lab File: BF088531.D

Acq: 30 Jun 2016 16:08



Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.2	5.3	7.9#
51	32.6	18.2	27.4#
120	20.3	18.0	27.0





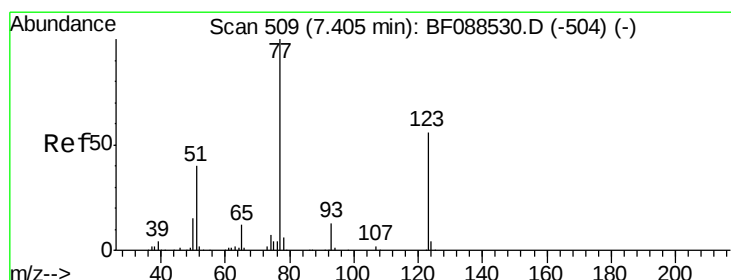
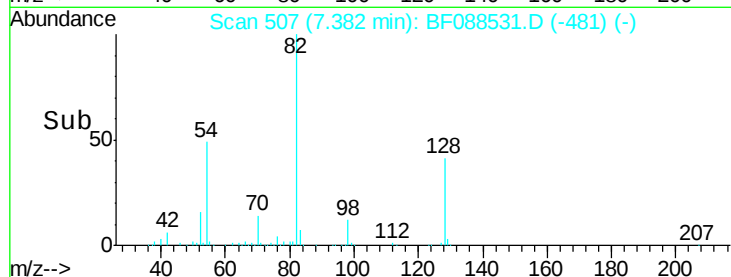
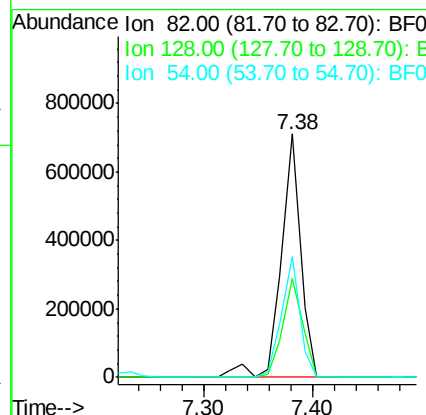
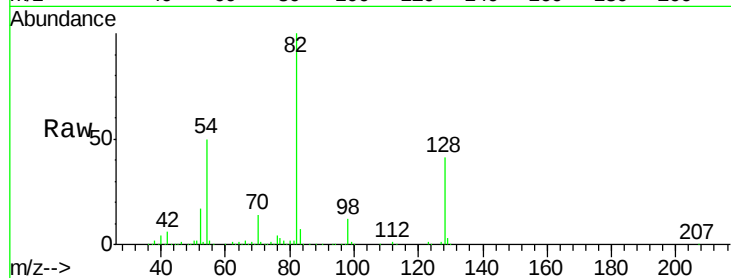
#23
Nitrobenzene-d5
Concen: 45.18 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.9	53.9
54	49.6	40.9	61.3

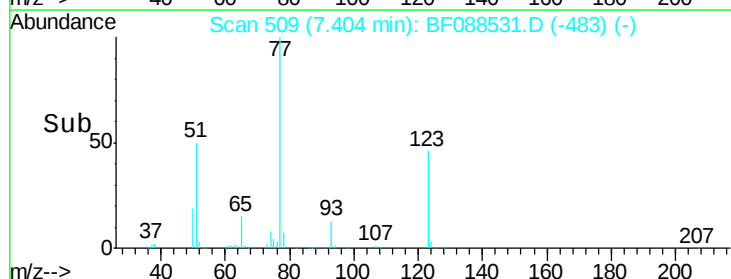
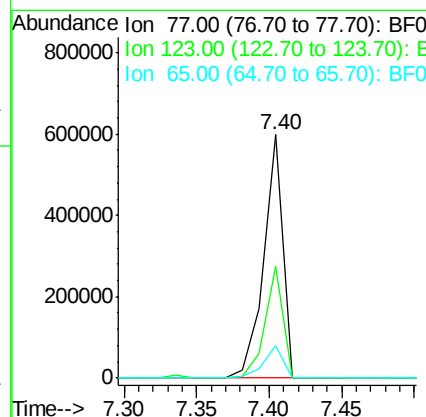
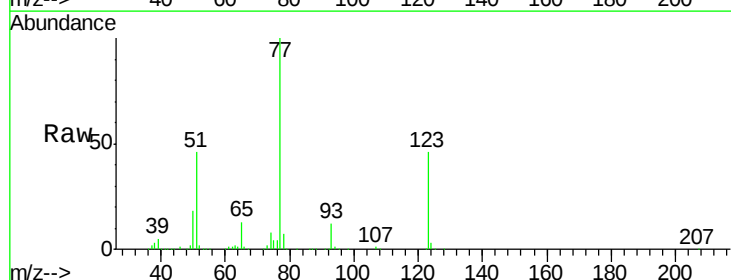
Manual Integrations

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#24
Nitrobenzene
Concen: 53.21 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	45.0	67.4
65	13.2	10.2	15.2





#25

Isophorone

Concen: 44.78 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF088531.D

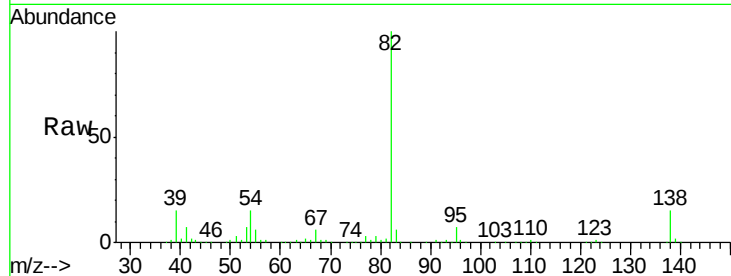
Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

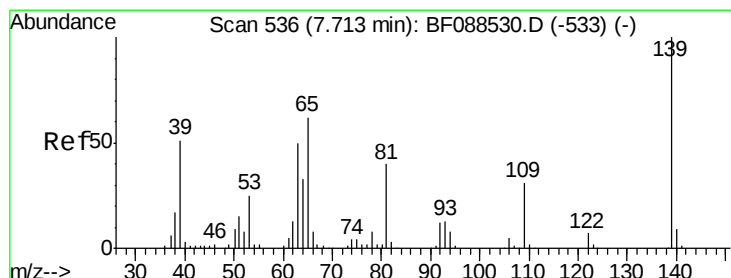
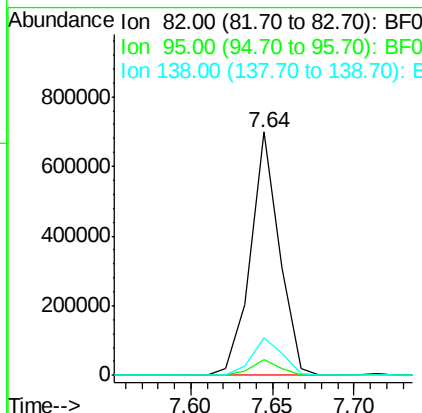
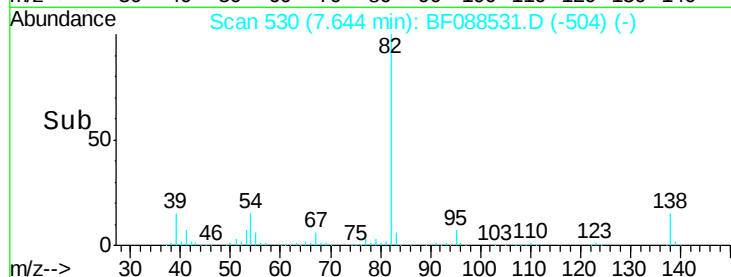


Tgt Ion:	82	Resp:	857394
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	15.4	14.6	21.8

Manual Integrations

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7/1/2016 8:06:53 AM



#26

2-Nitrophenol

Concen: 46.11 ng

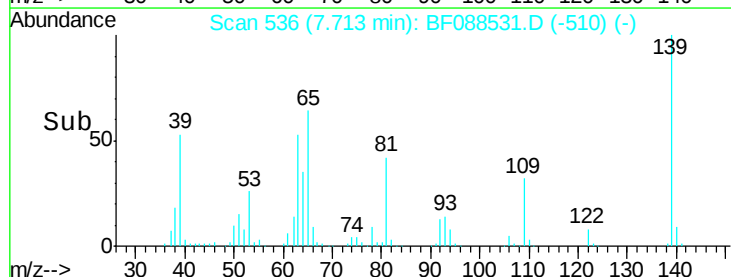
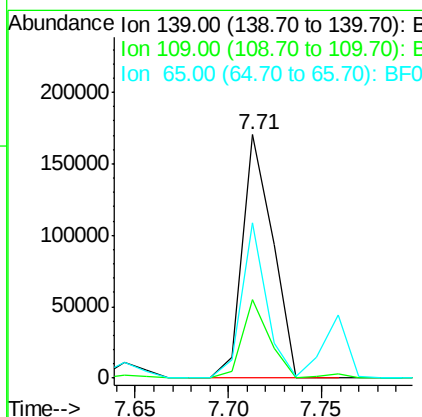
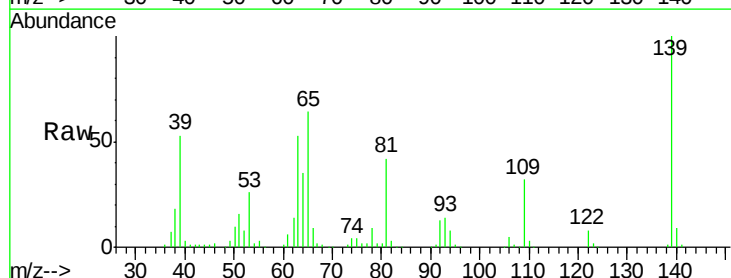
RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion:	139	Resp:	191521
Ion Ratio	Lower	Upper	
139	100		
109	32.0	23.0	34.4
65	63.5	45.8	68.8





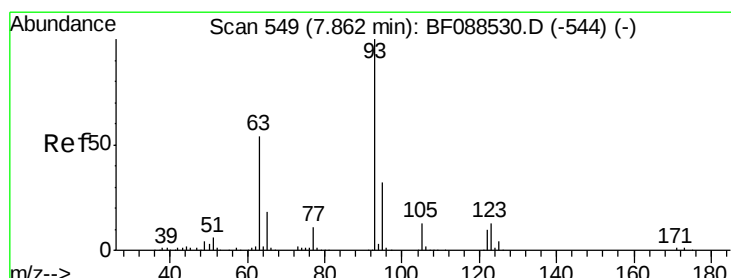
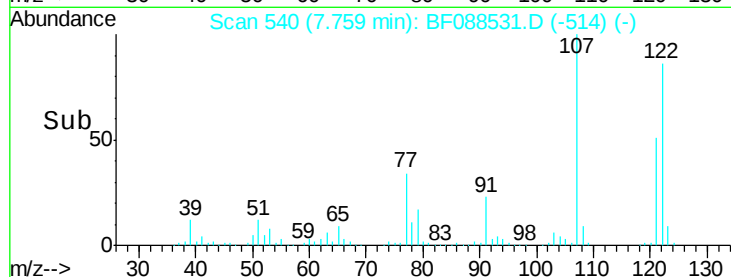
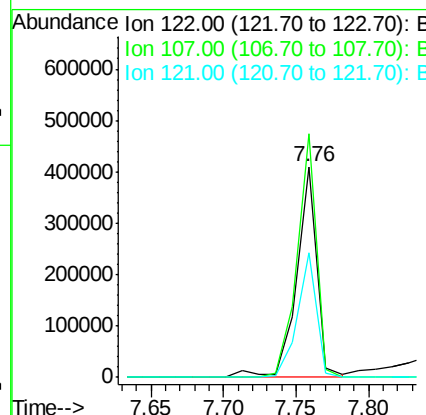
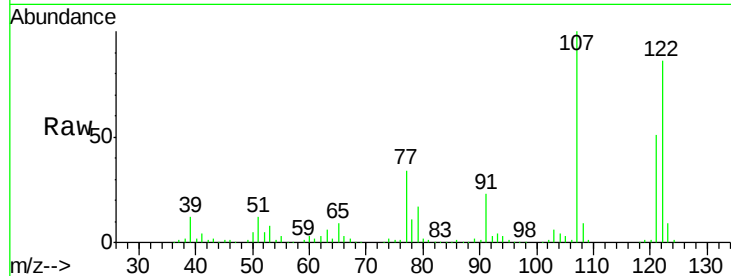
#27
2,4-Dimethylphenol
Concen: 46.83 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.8	82.4	123.6
121	59.1	46.3	69.5

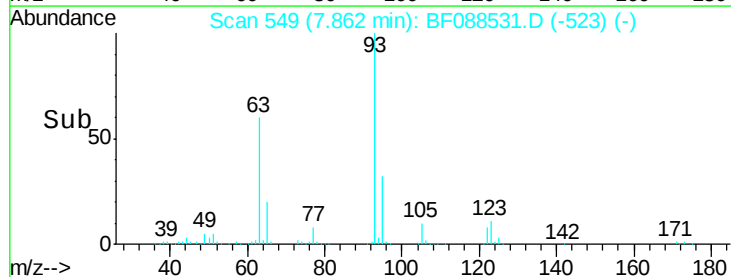
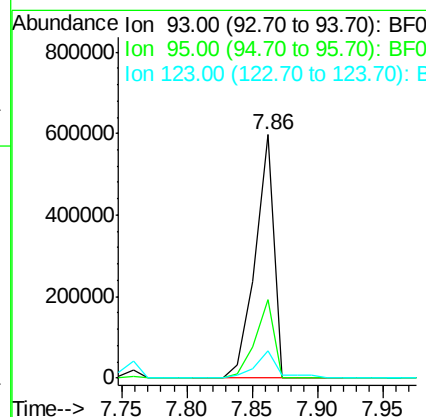
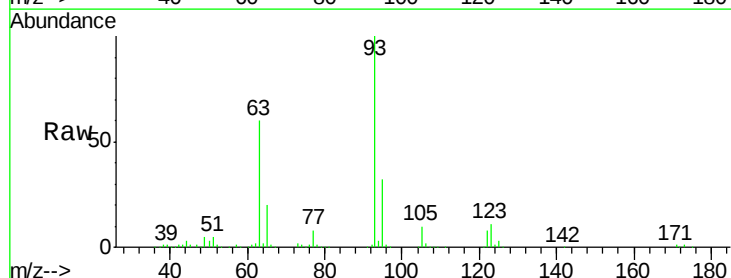
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#28
bis(2-Chloroethoxy)methane
Concen: 50.19 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.3	11.6	17.4#





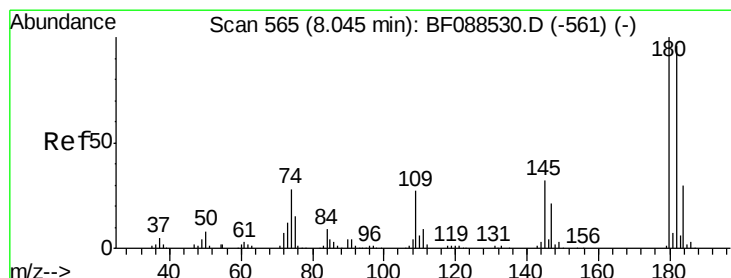
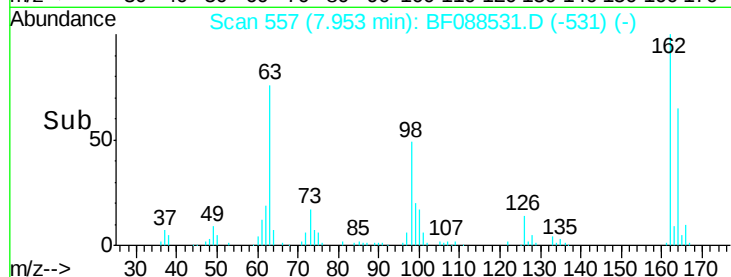
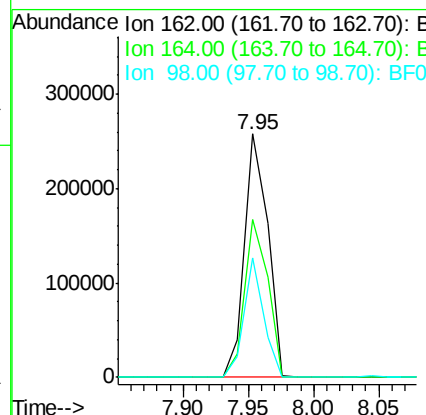
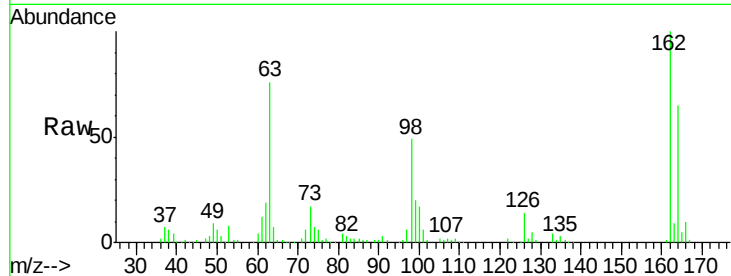
#29
2,4-Dichlorophenol
Concen: 45.27 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	318094		
164	64.9	43.8	83.8	
98	48.8	21.3	61.3	

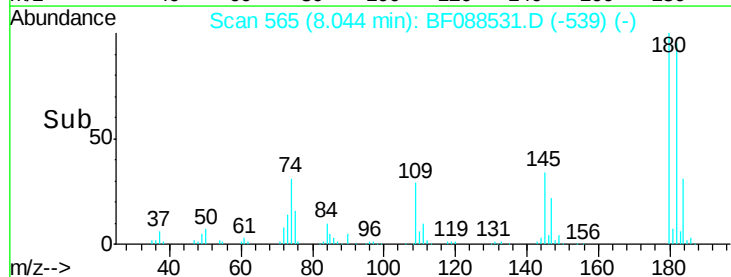
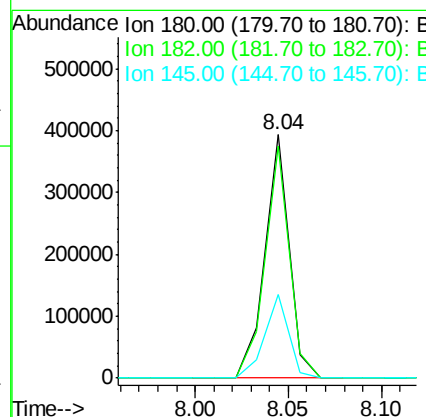
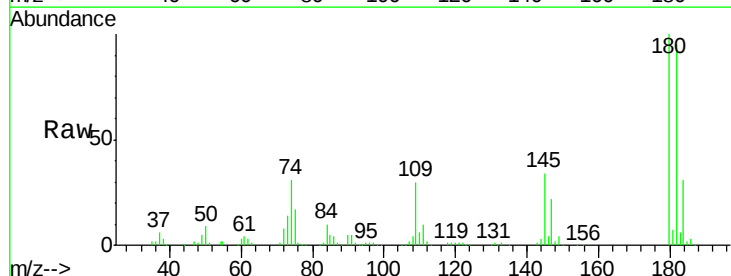
Manual Integrations

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#30
1,2,4-Trichlorobenzene
Concen: 47.47 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	352664		
182	95.4	76.0	114.0	
145	34.4	26.5	39.7	





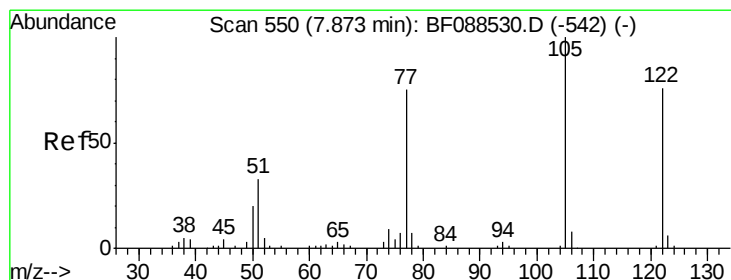
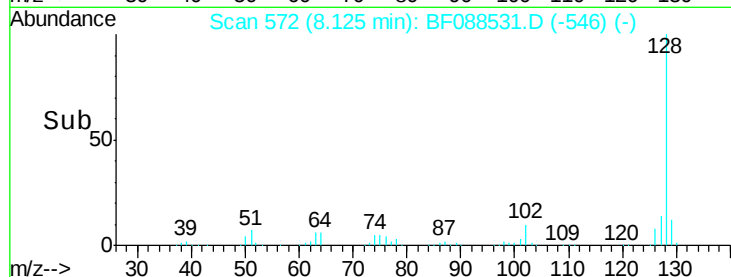
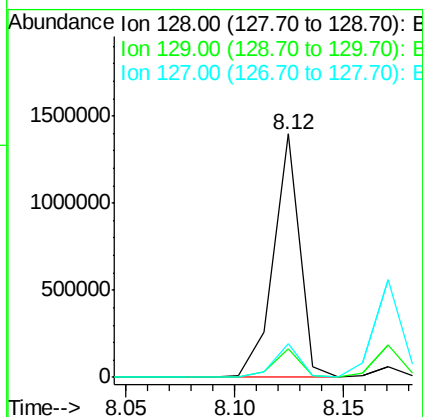
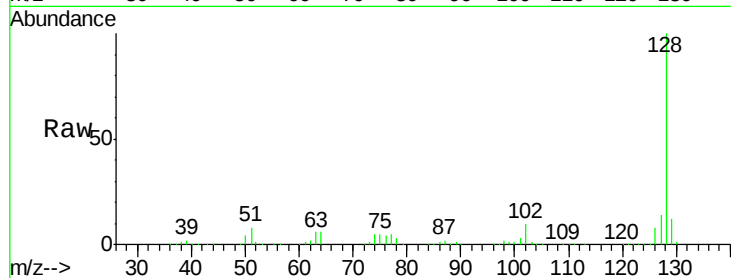
#31
Naphthalene
Concen: 47.47 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1184403
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.9 10.9 16.3

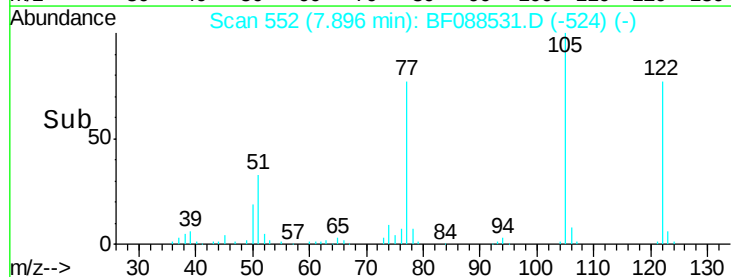
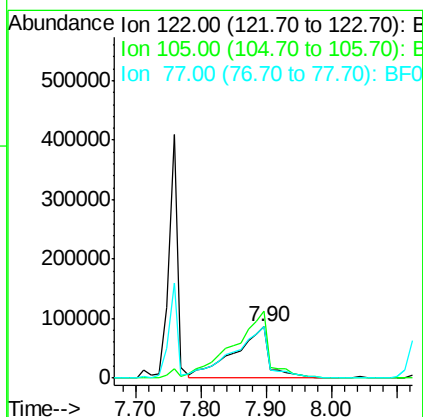
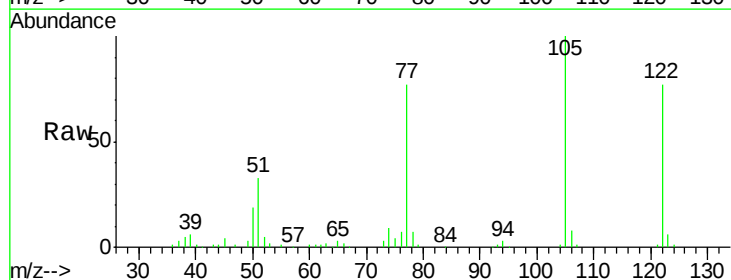
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#32
Benzoic acid
Concen: 70.64 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion:122 Resp: 322735
Ion Ratio Lower Upper
122 100
105 129.7 101.6 141.6
77 99.9 70.6 110.6





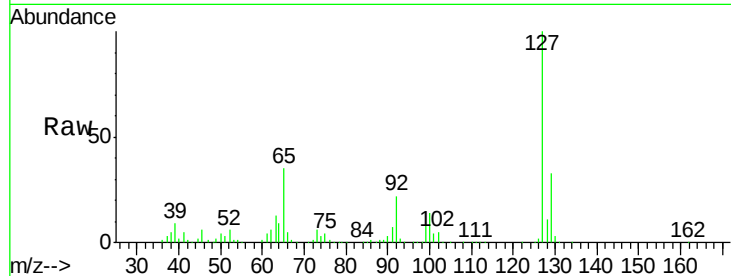
#33
4-Chloroaniline
Concen: 45.46 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

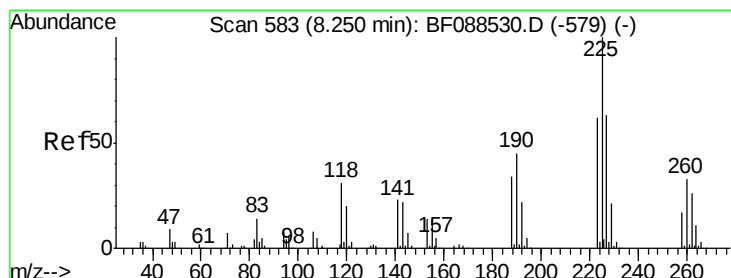
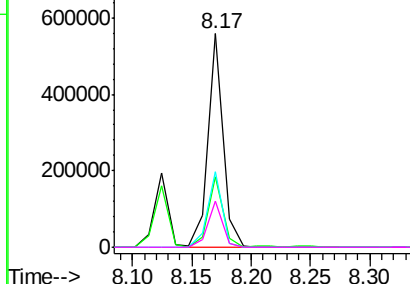
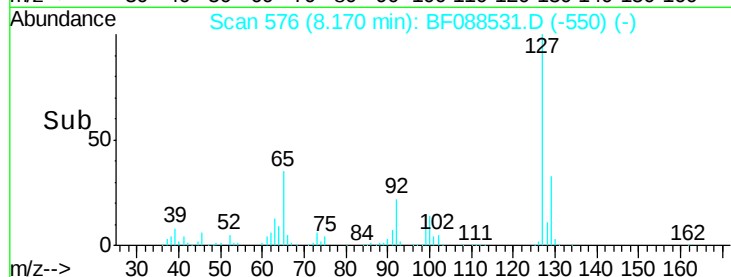
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	498456		
129	32.9	26.3	39.5	
65	35.5	24.7	37.1	
92	21.9	15.4	23.0	

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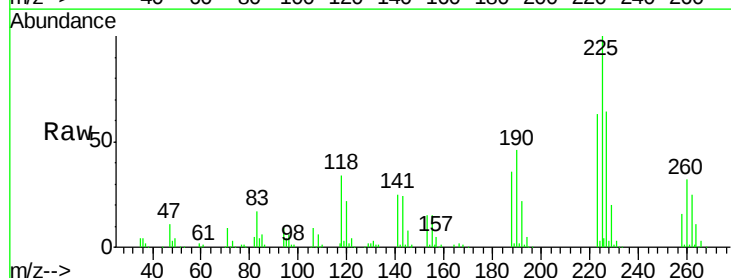


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

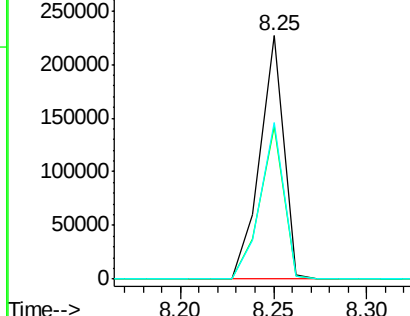
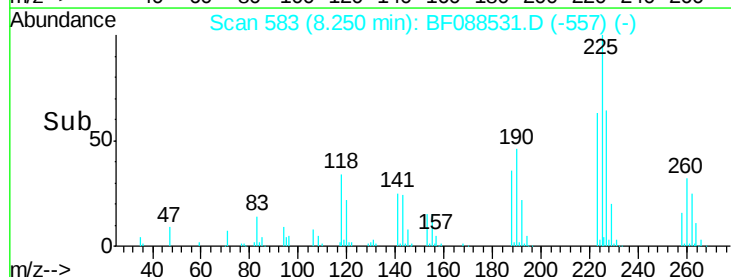


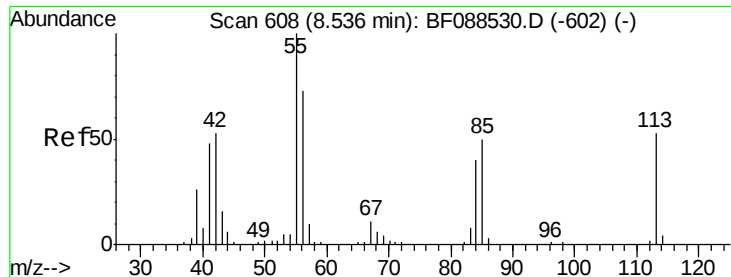
#34
Hexachlorobutadiene
Concen: 50.75 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199855		
223	62.7	50.9	76.3	
227	64.2	51.9	77.9	



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





#35

Caprolactam

Concen: 44.27 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:113 Resp: 110020

Ion Ratio Lower Upper

113 100

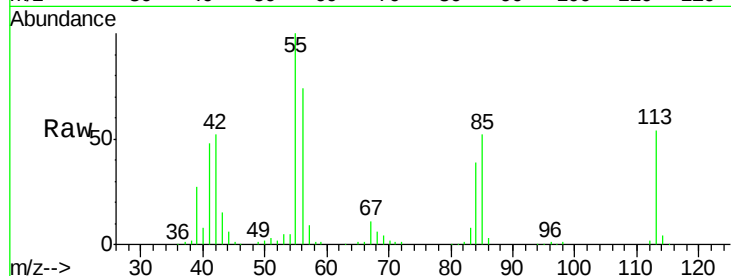
55 185.8 158.6 198.6

56 137.5 110.6 150.6

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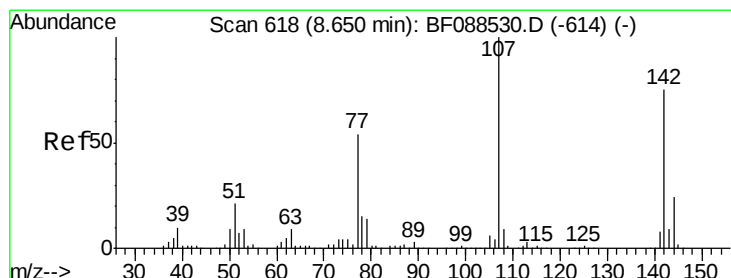
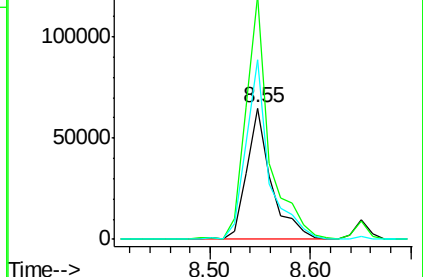
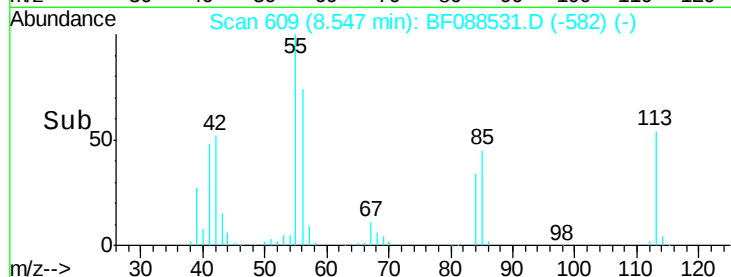
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.62 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

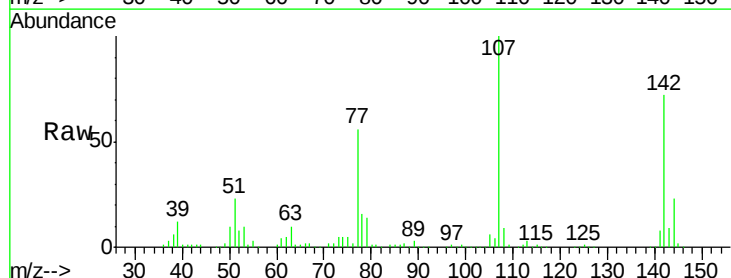
Tgt Ion:107 Resp: 347456

Ion Ratio Lower Upper

107 100

144 23.0 20.8 31.2

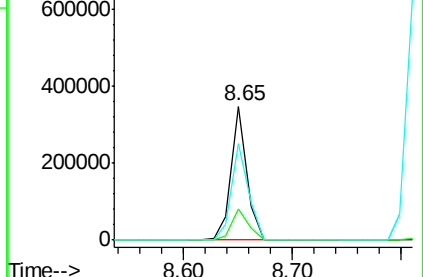
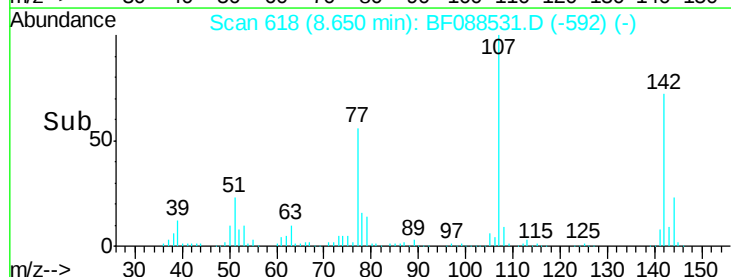
142 71.6 63.4 95.2

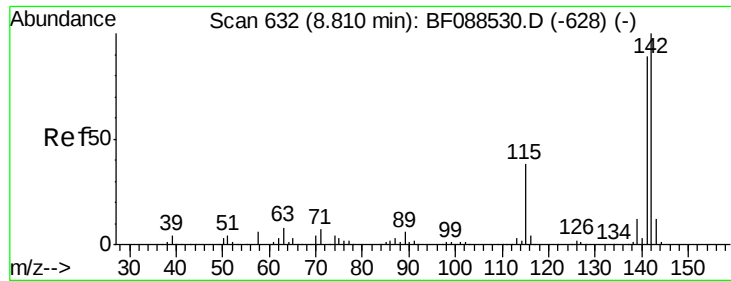


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





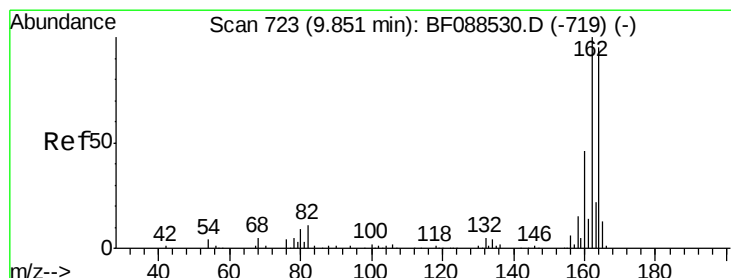
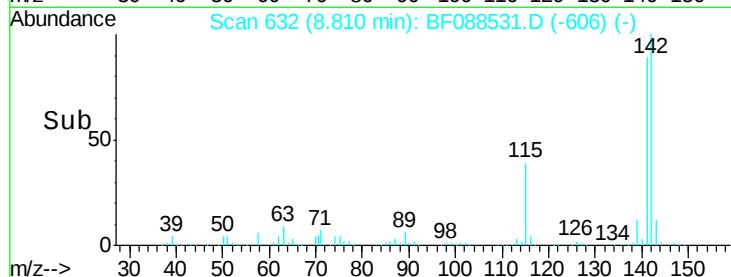
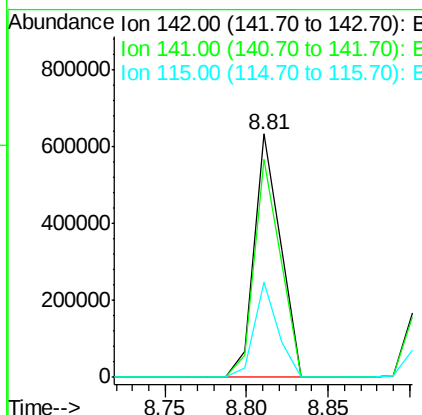
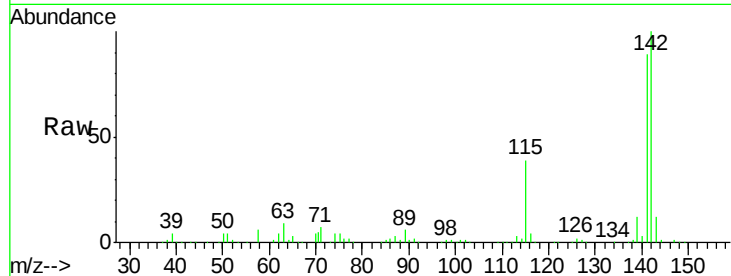
#37
 2-Methylnaphthalene
 Concen: 42.83 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:142 Resp: 708732
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 38.9 22.6 33.8#

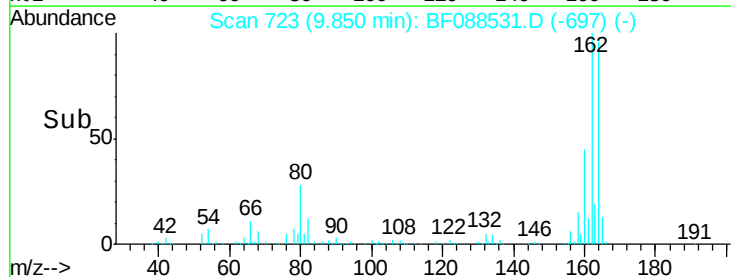
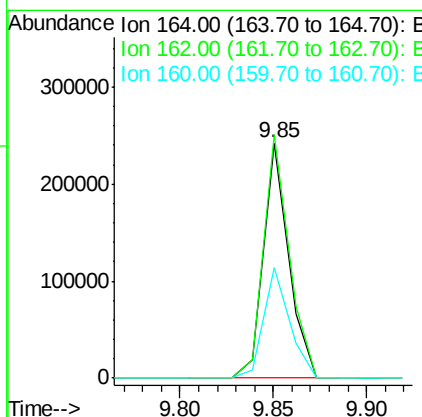
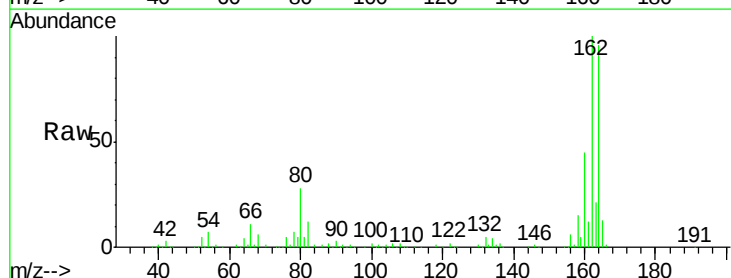
Manual Integrations

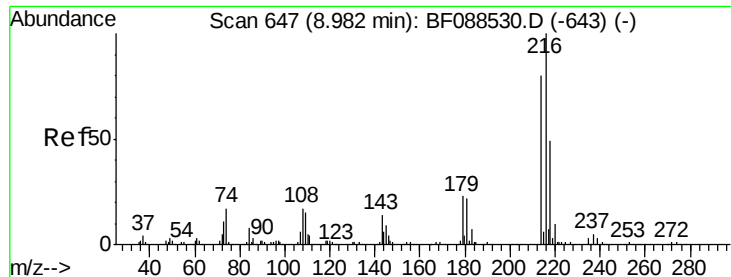
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Tgt Ion:164 Resp: 224419
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 47.2 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.46 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:216 Resp: 360690
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

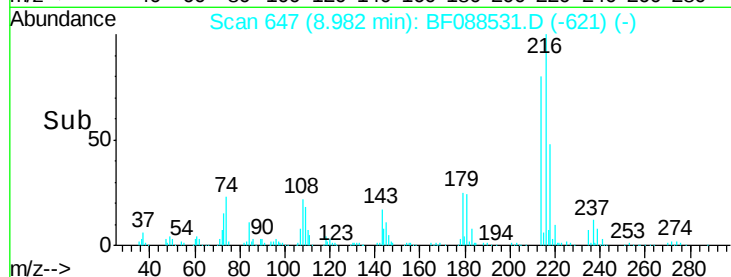
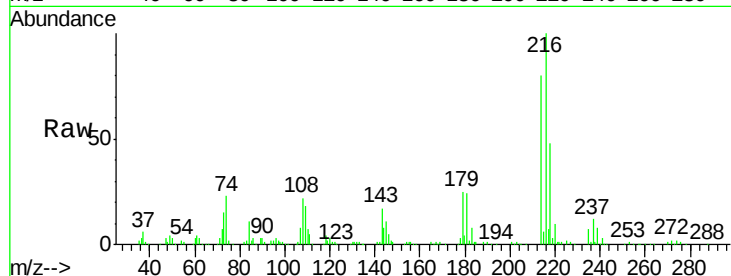
179 24.5 0.0 0.0#

108 24.8 0.5 0.7#

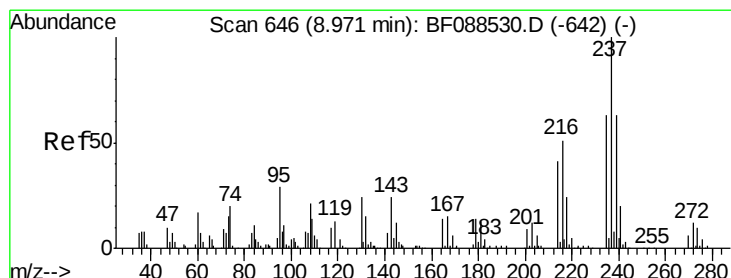
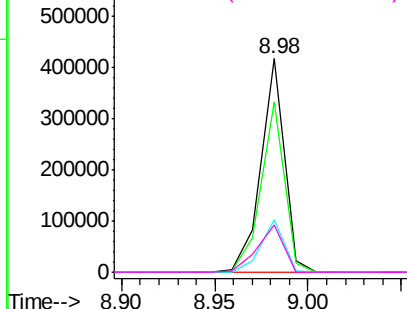
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.69 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088531.D

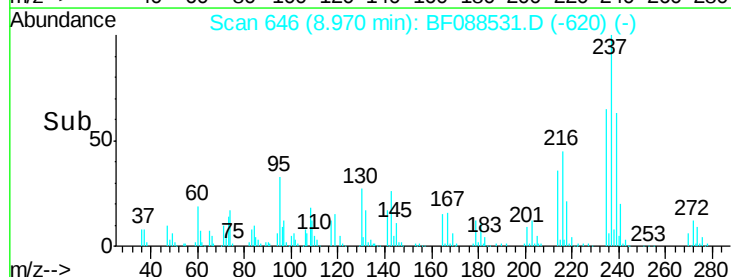
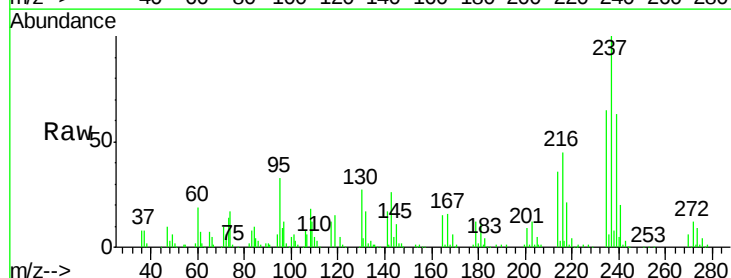
Acq: 30 Jun 2016 16:08

Tgt Ion:237 Resp: 173801
Ion Ratio Lower Upper

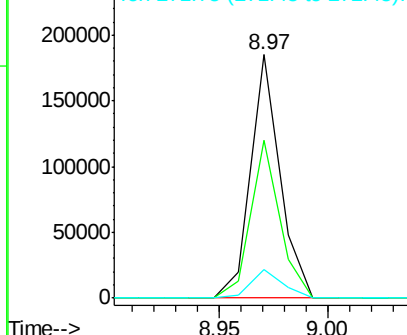
237 100

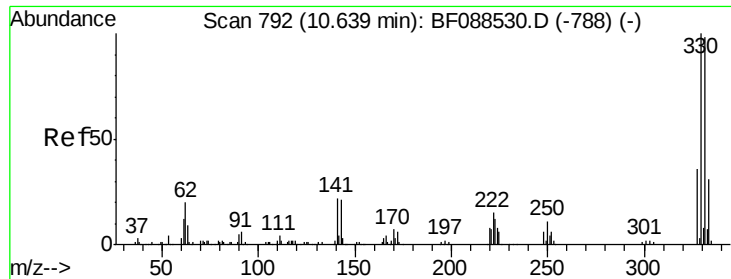
235 64.9 43.4 83.4

272 11.8 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





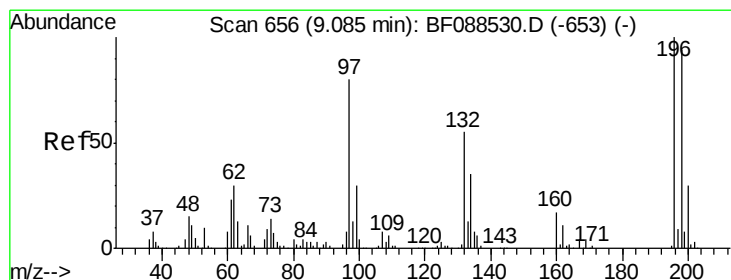
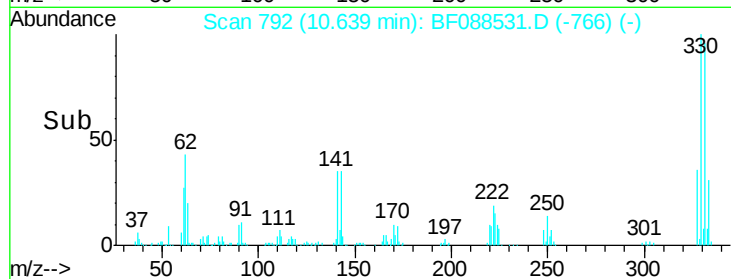
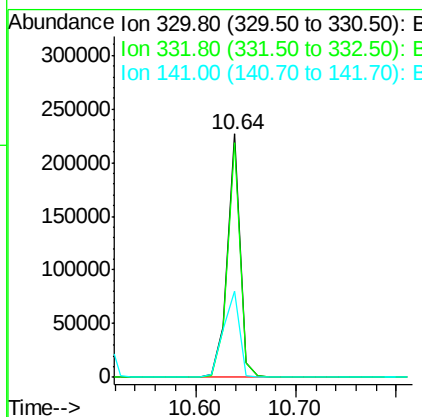
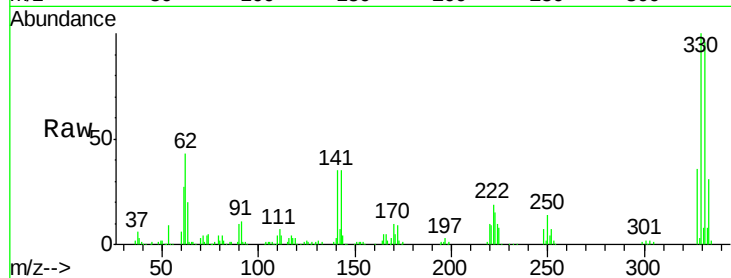
#41
 2,4,6-Tribromophenol
 Concen: 49.73 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	200352		
332	96.2	0.0	0.0	0.0
141	44.4	0.0	0.0	0.0

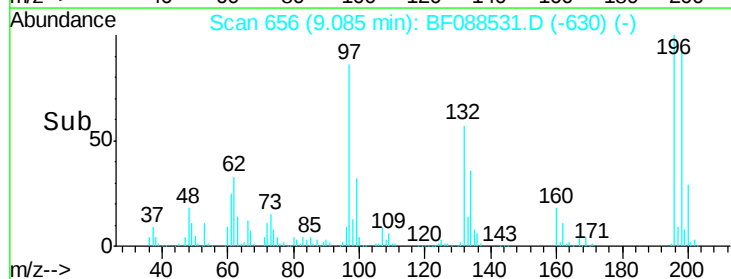
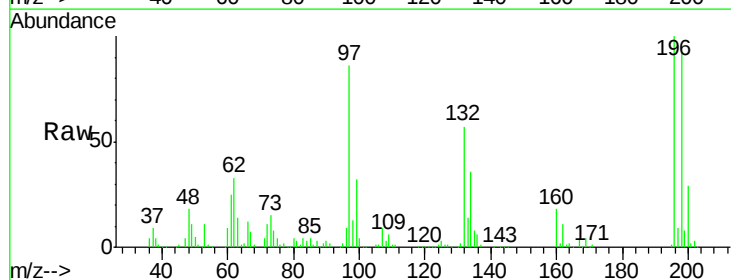
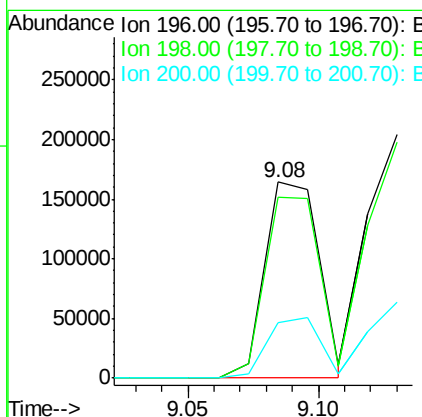
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#42
 2,4,6-Trichlorophenol
 Concen: 48.39 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

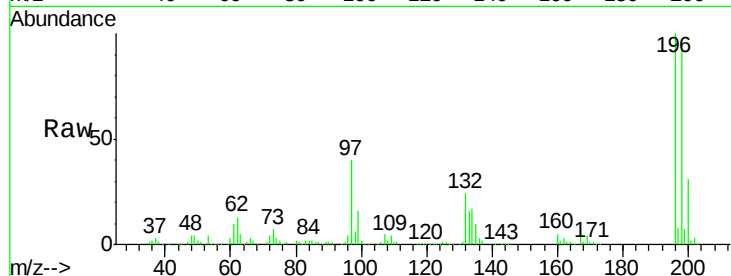
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237554		
198	92.2	78.0	117.0	
200	28.5	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 52.92 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

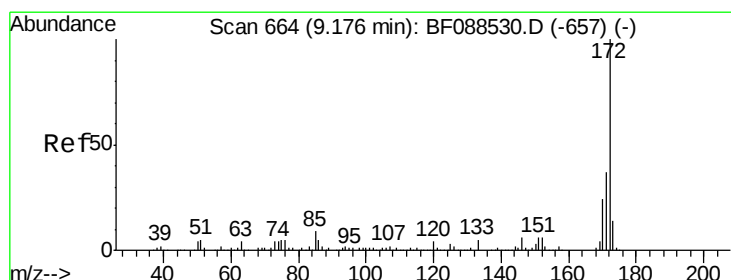
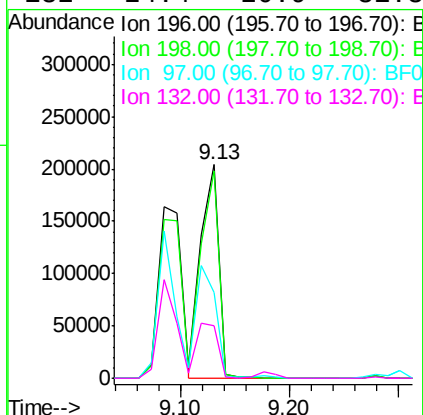
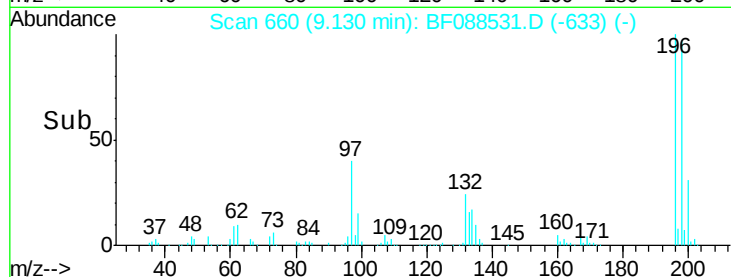
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239882		
198	97.0	77.5	116.3	
97	40.1	32.0	48.0	
132	24.4	20.9	31.3	

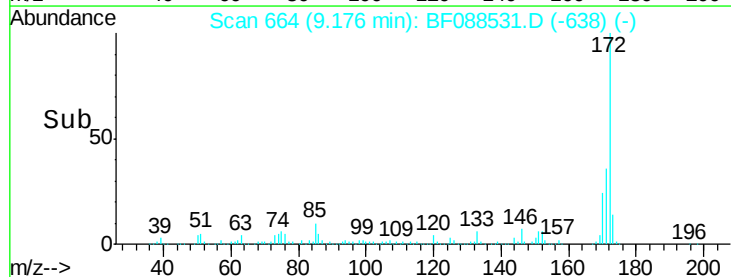
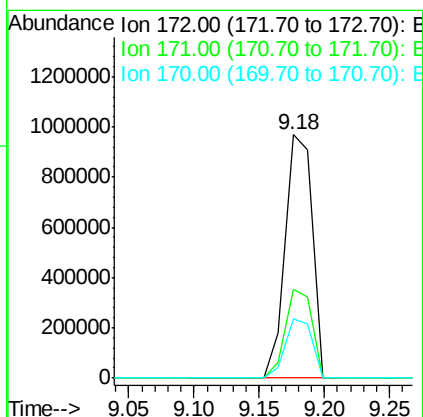
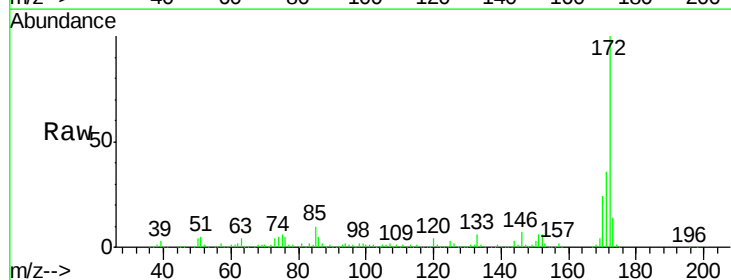
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 47.31 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1413626		
171	36.4	28.6	43.0	
170	24.3	19.2	28.8	





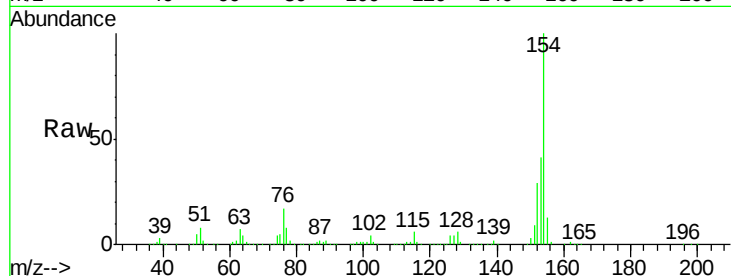
#45
 1,1'-Biphenyl
 Concen: 48.02 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

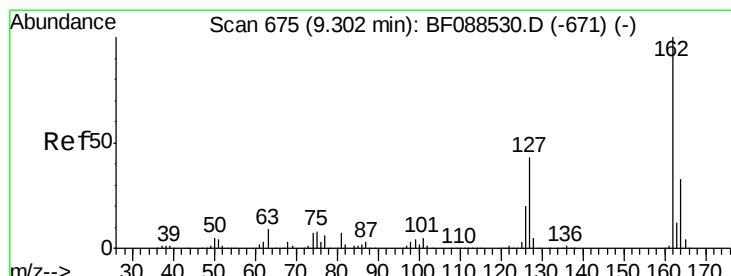
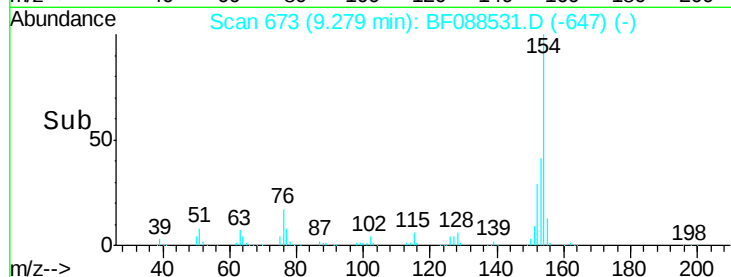
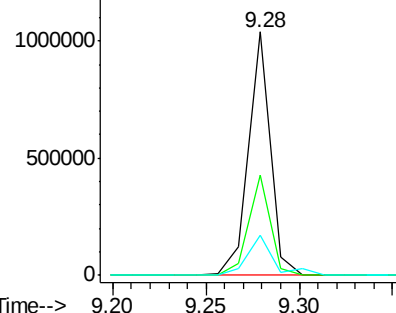
Tgt Ion:	154	Resp:	854650
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	16.6	0.0	35.1

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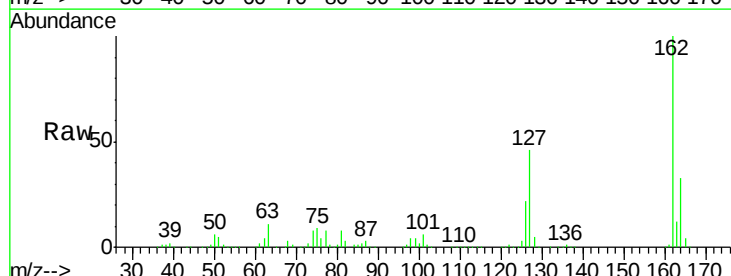


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

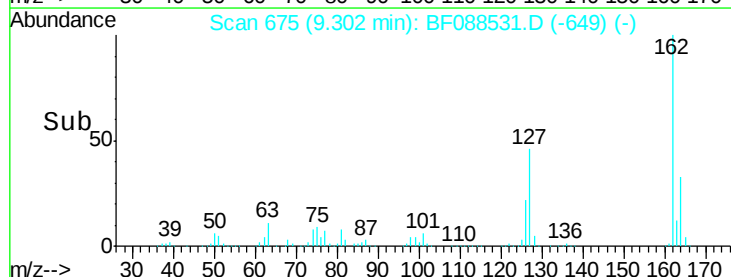
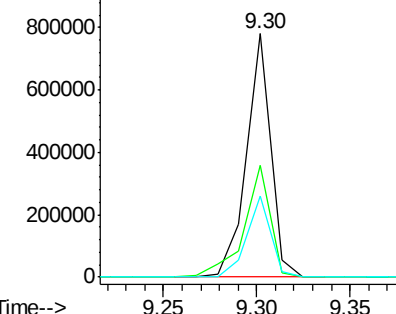


#46
 2-Chloronaphthalene
 Concen: 48.38 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Tgt Ion:	162	Resp:	693830
Ion Ratio	Lower	Upper	
162	100		
127	45.7	35.2	52.8
164	33.3	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





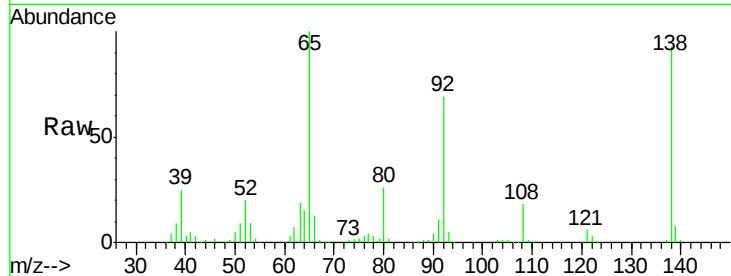
#47
2-Nitroaniline
Concen: 53.36 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

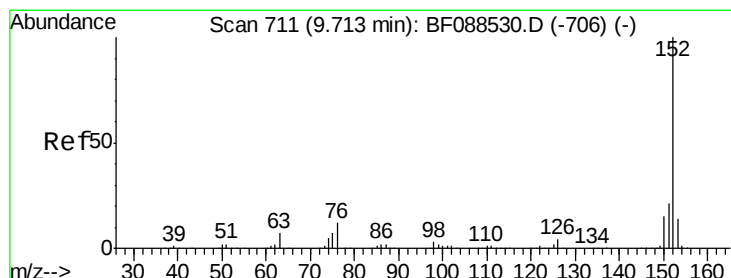
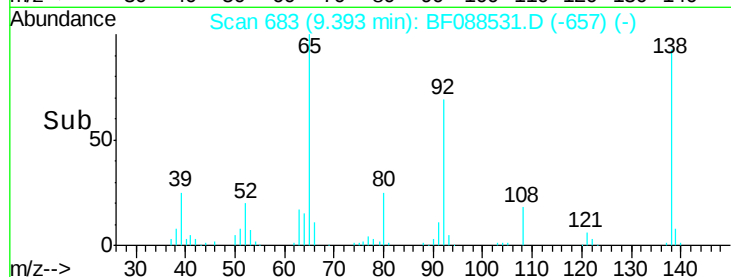
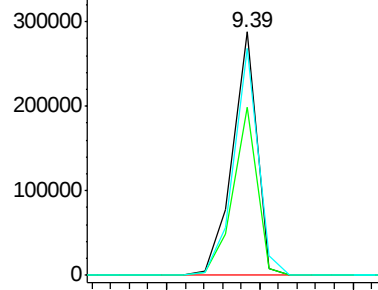
Tgt Ion: 65 Resp: 259840
Ion Ratio Lower Upper
65 100
92 68.9 54.6 82.0
138 93.1 77.0 115.4

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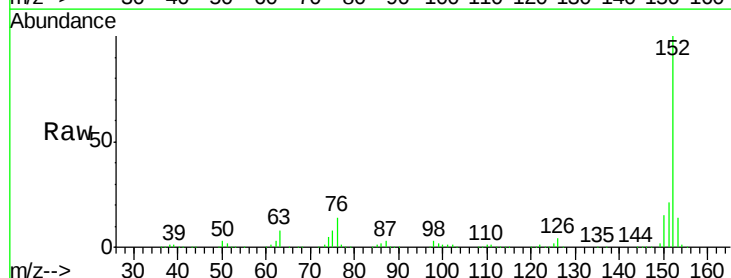


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

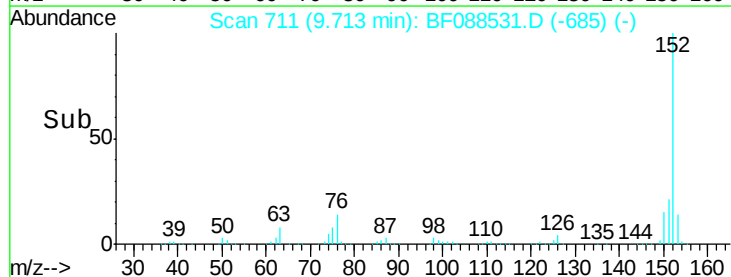
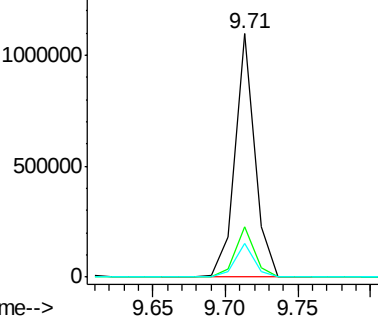


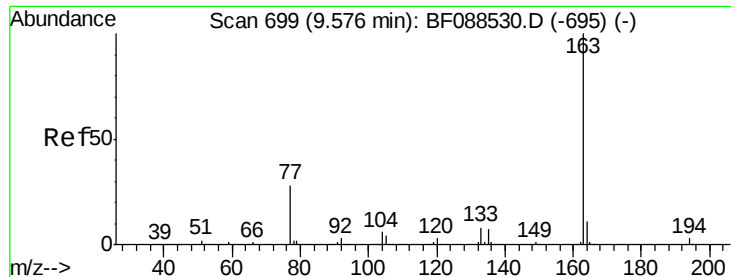
#48
Acenaphthylene
Concen: 44.58 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion: 152 Resp: 1038682
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





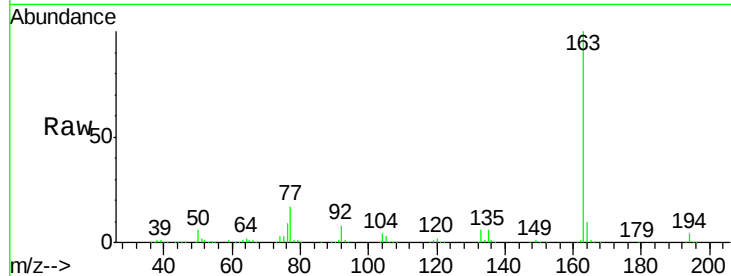
#49
Dimethylphthalate
Concen: 51.01 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

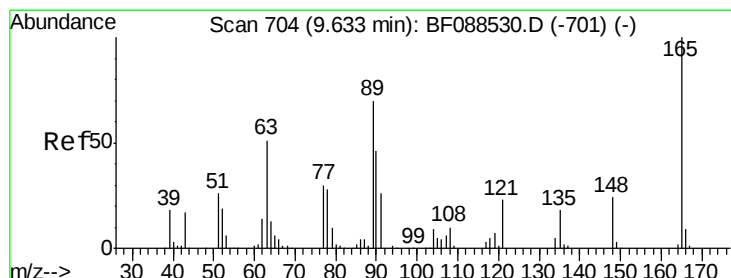
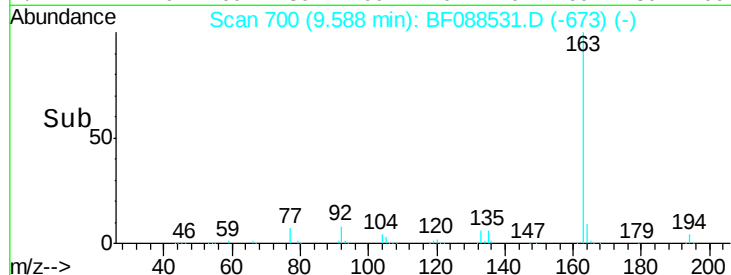
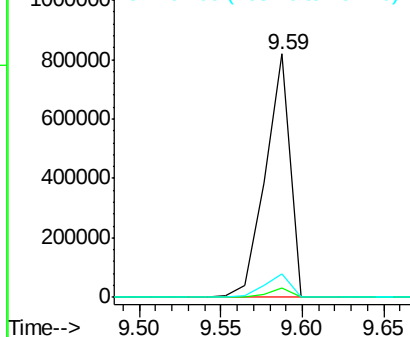
Tgt Ion:163 Resp: 858633
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.8 8.3 12.5

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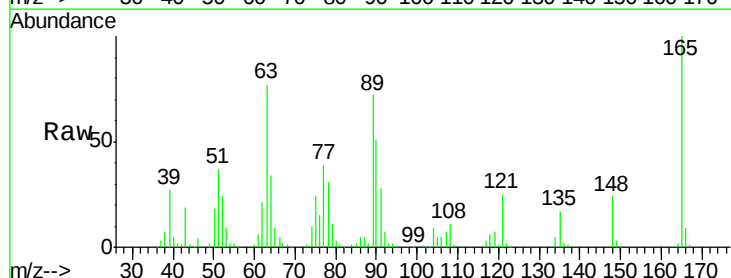


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

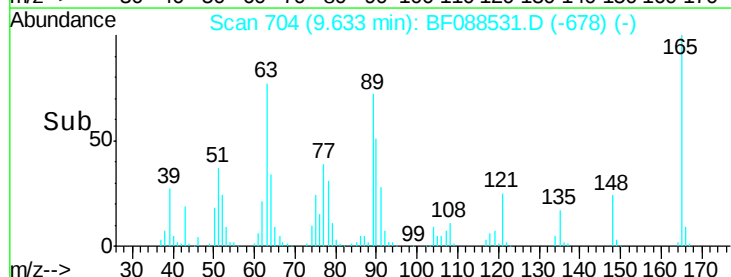
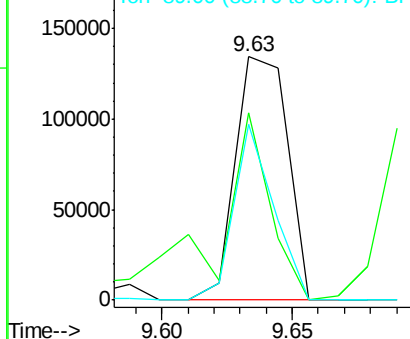


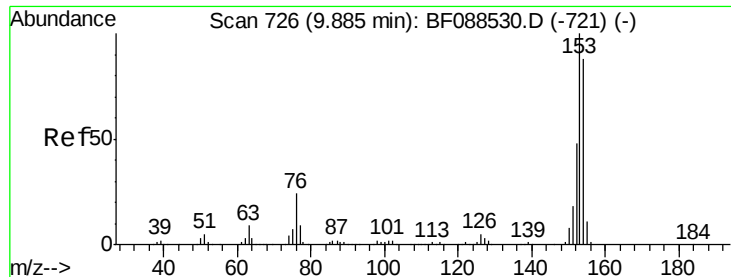
#50
2,6-Dinitrotoluene
Concen: 50.32 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion:165 Resp: 186579
Ion Ratio Lower Upper
165 100
63 76.8 28.1 42.1#
89 72.4 32.2 48.2#



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





#51

Acenaphthene

Concen: 45.86 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:154 Resp: 661926

Ion Ratio Lower Upper

154 100

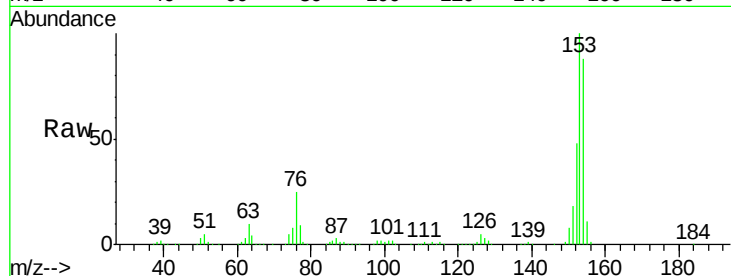
153 113.1 89.5 134.3

152 54.2 42.7 64.1

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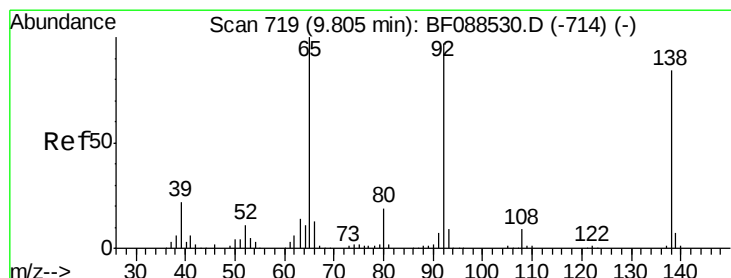
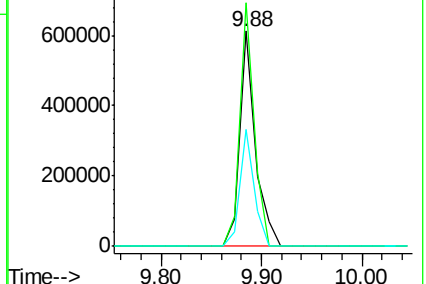
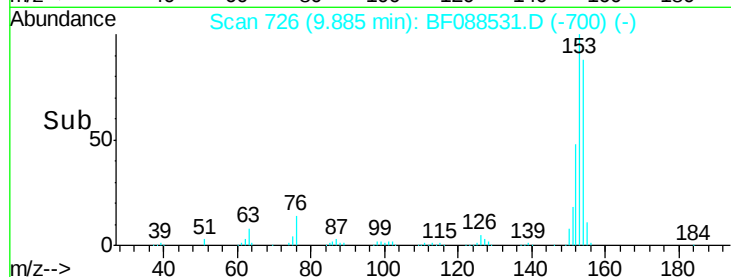
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.06 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

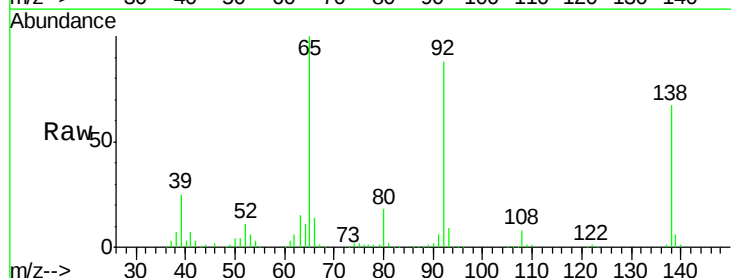
Tgt Ion:138 Resp: 209033

Ion Ratio Lower Upper

138 100

108 11.6 8.5 12.7

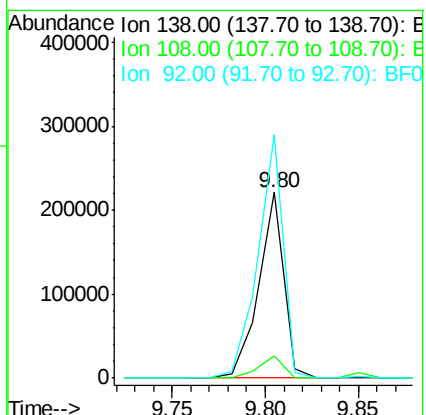
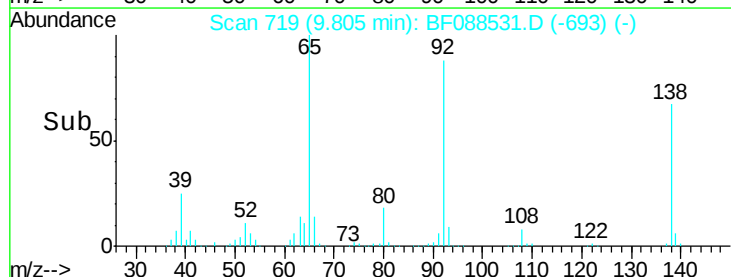
92 131.1 95.7 143.5



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





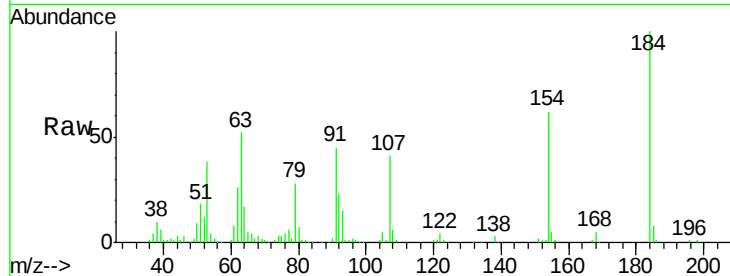
#53
2,4-Dinitrophenol
Concen: 63.48 ng m
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

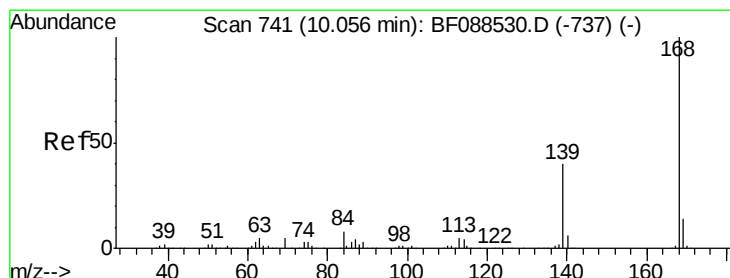
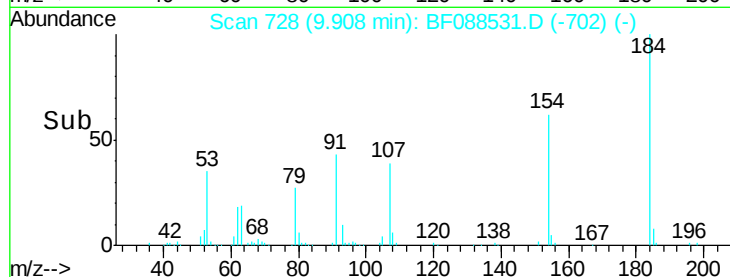
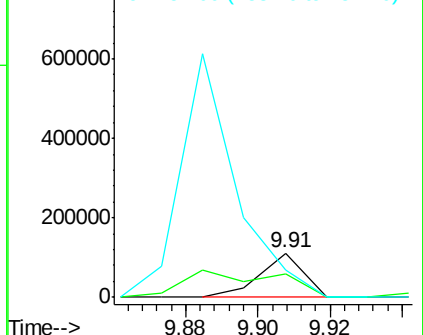
Tgt Ion:184 Resp: 93476
Ion Ratio Lower Upper
184 100
63 51.8 57.6 86.4#
154 62.4 53.5 80.3

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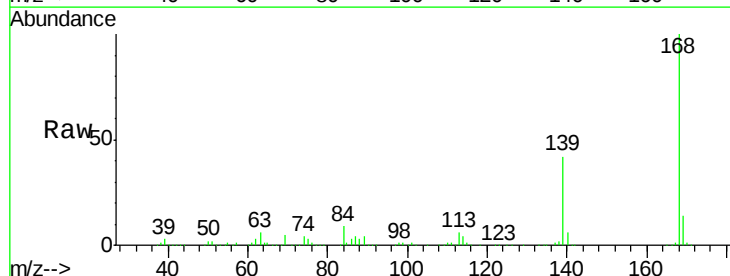


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

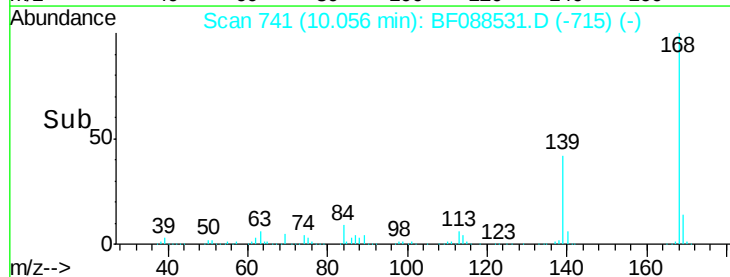
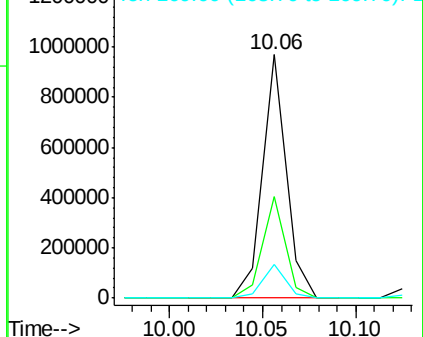


#54
Dibenzofuran
Concen: 41.80 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion:168 Resp: 852352
Ion Ratio Lower Upper
168 100
139 41.9 26.4 39.6#
169 13.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.30 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

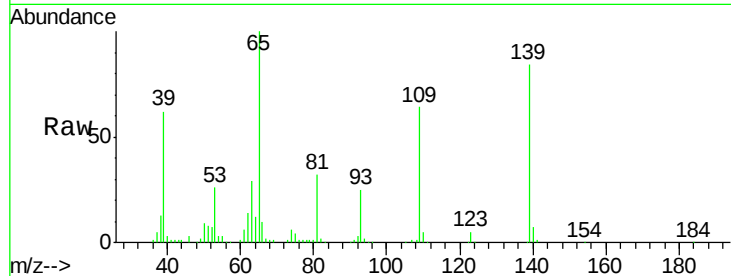
ClientSampleId :

SSTDICC050

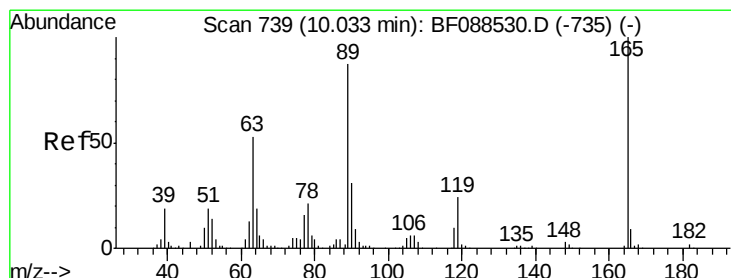
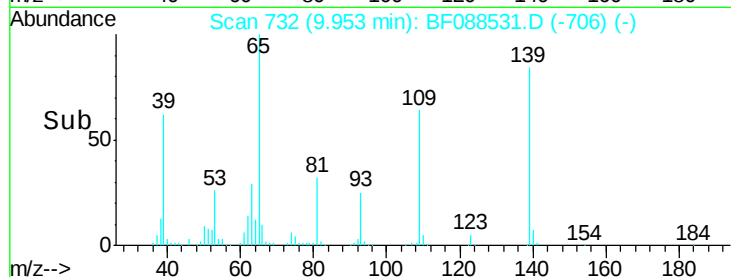
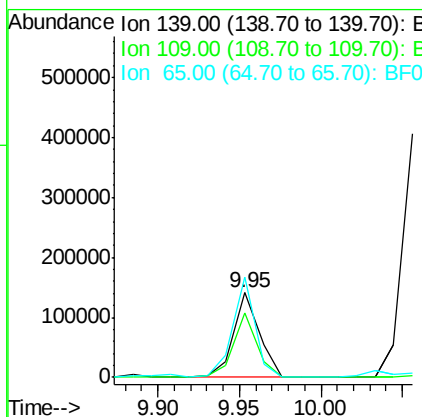
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Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.6	48.9	88.9
65	118.8	84.9	124.9



#56

2,4-Dinitrotoluene

Concen: 48.21 ng

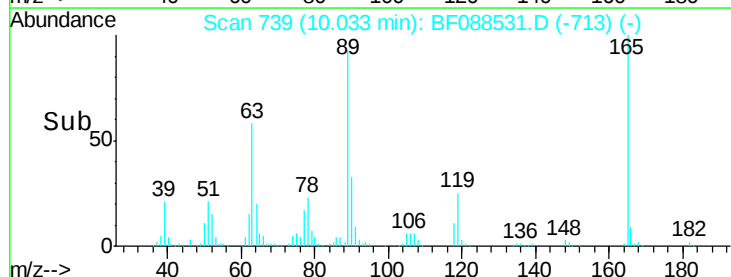
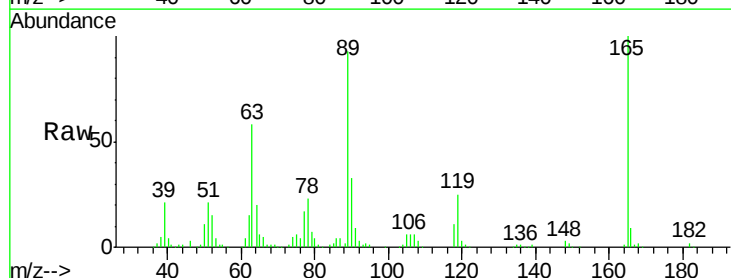
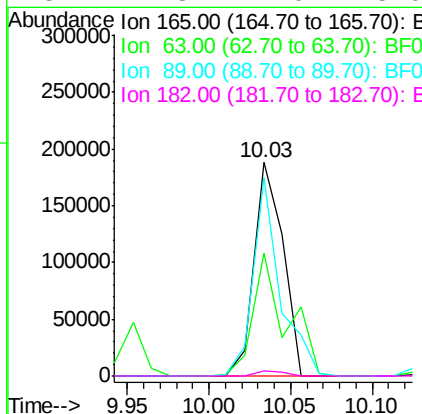
RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.7	22.0	33.0#
89	92.8	41.1	61.7#
182	2.3	2.0	3.0





#57

Fluorene

Concen: 44.28 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

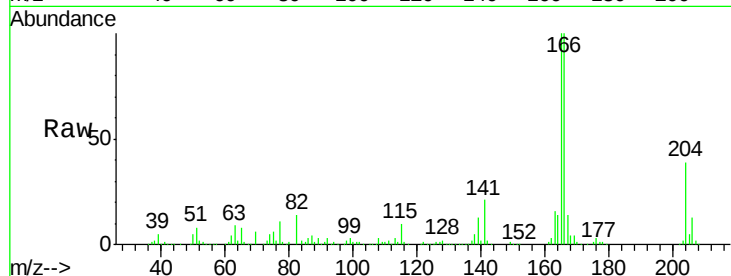
ClientSampleId :

SSTDICC050

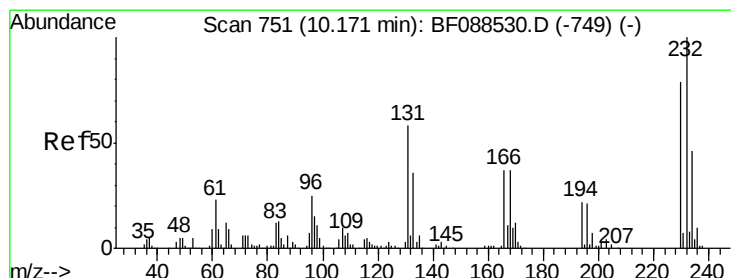
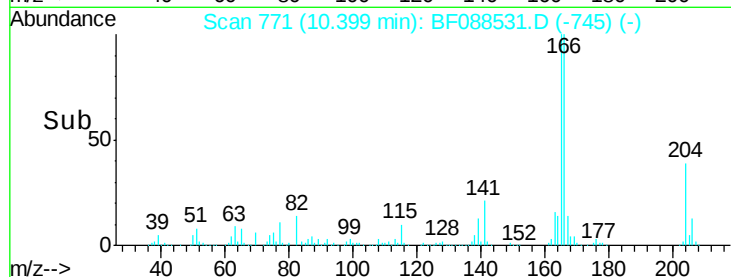
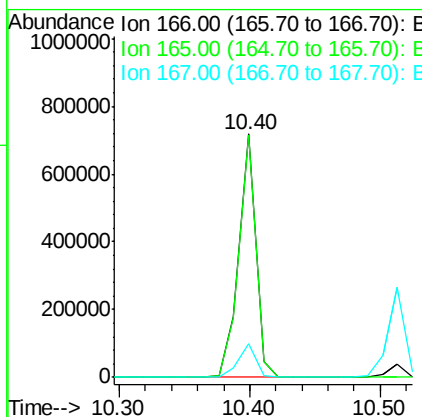
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.8
167	13.7	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.79 ng

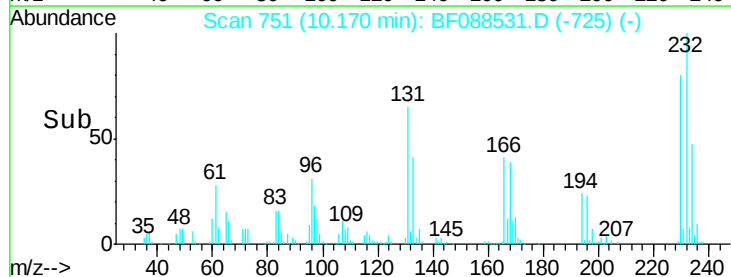
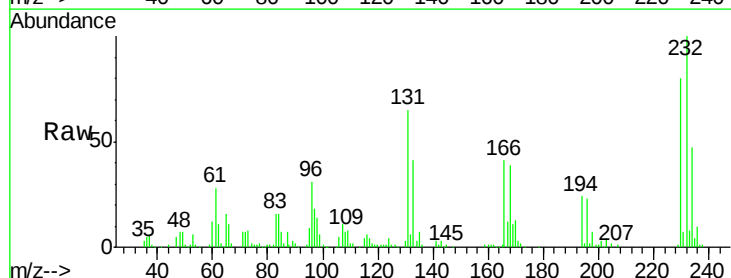
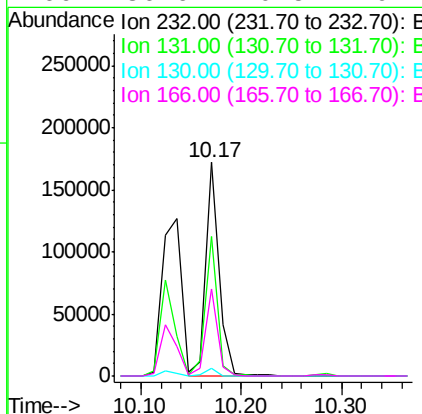
RT: 10.17 min Scan# 751

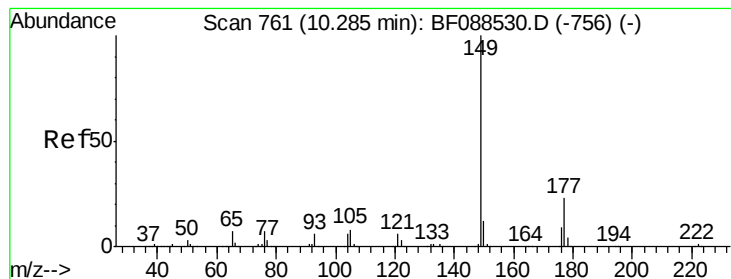
Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.6	0.9	1.3#
130	3.0	1.5	2.3#
166	36.6	0.5	0.7#





#59

Diethylphthalate

Concen: 47.48 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088531.D

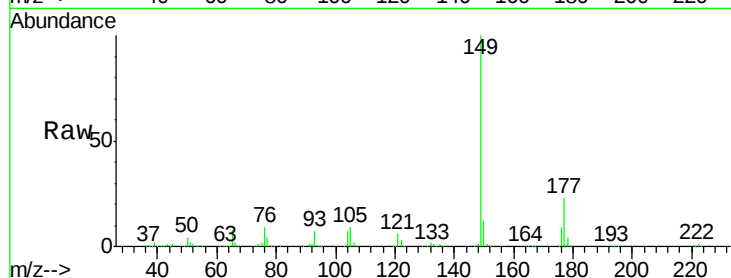
Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:149 Resp: 820413

Ion Ratio Lower Upper

149 100

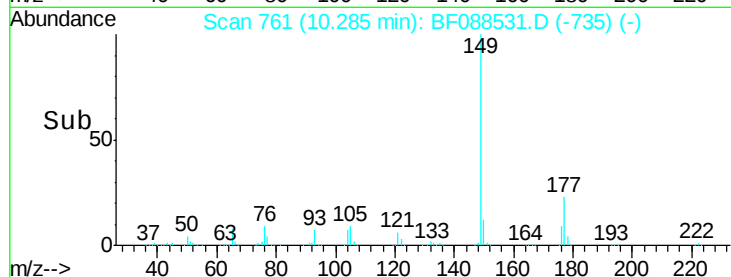
177 23.0 16.9 25.3

150 12.4 10.1 15.1

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SOHIL

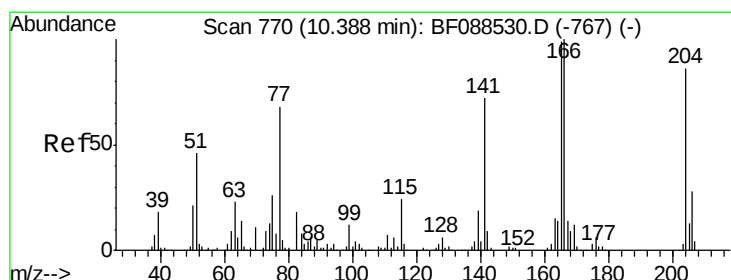
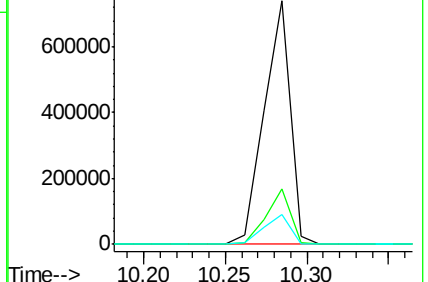
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.57 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

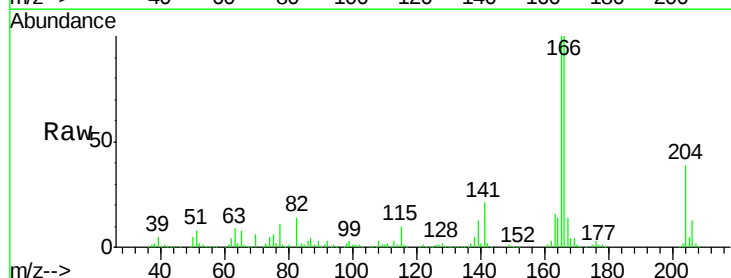
Tgt Ion:204 Resp: 312095

Ion Ratio Lower Upper

204 100

206 33.3 26.3 39.5

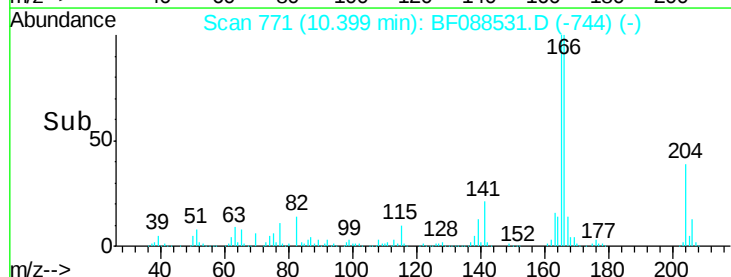
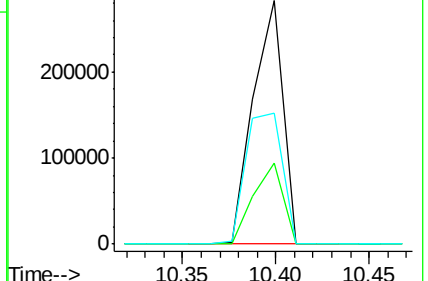
141 53.7 55.0 82.6#

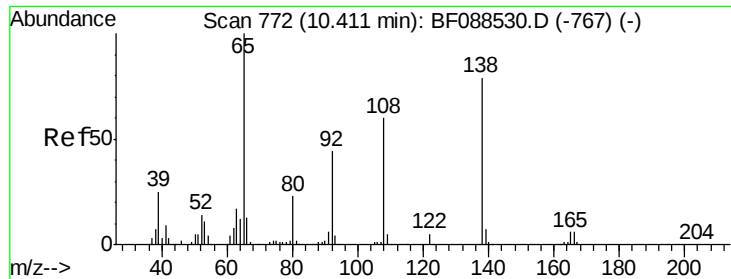


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 56.97 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF088531.D

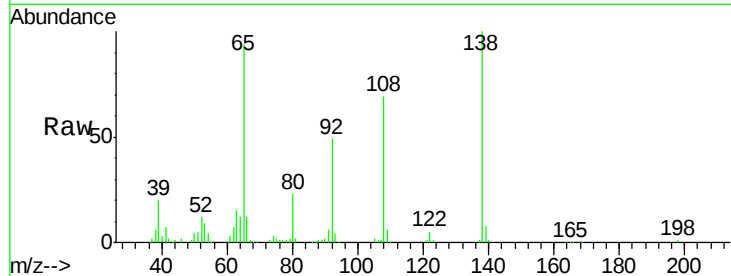
Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion: 138 Resp: 240435

Ion Ratio Lower Upper

138 100

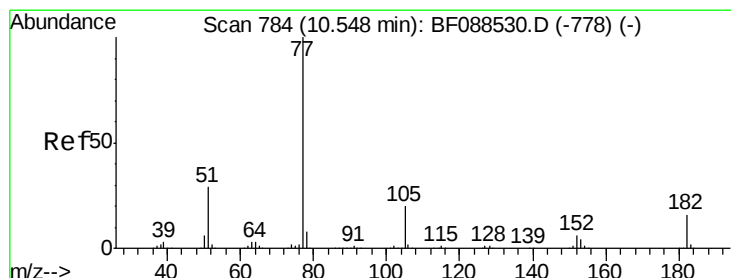
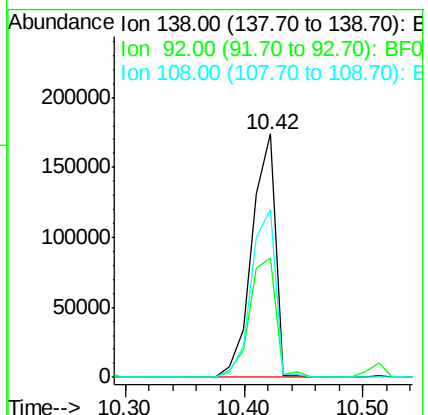
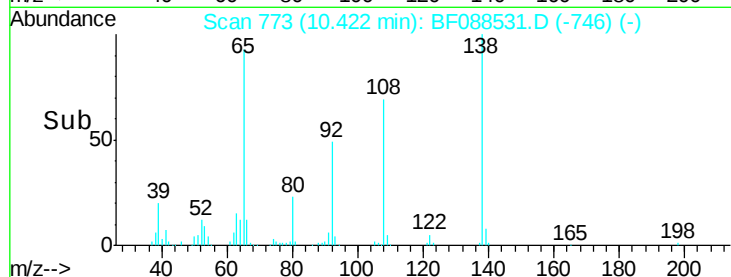
92 49.2 27.3 67.3

108 69.0 46.7 86.7

Manual Integrations

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#62

Azobenzene

Concen: 43.23 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion: 77 Resp: 913075

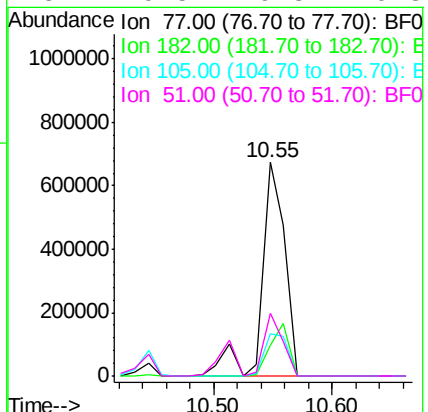
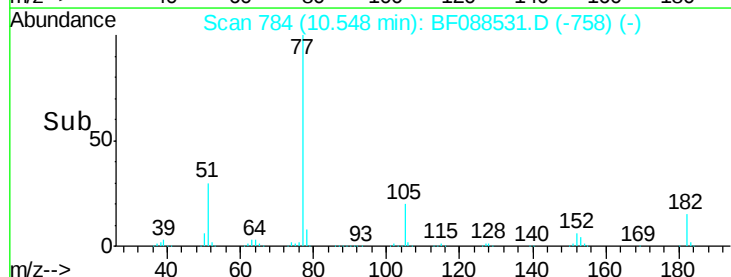
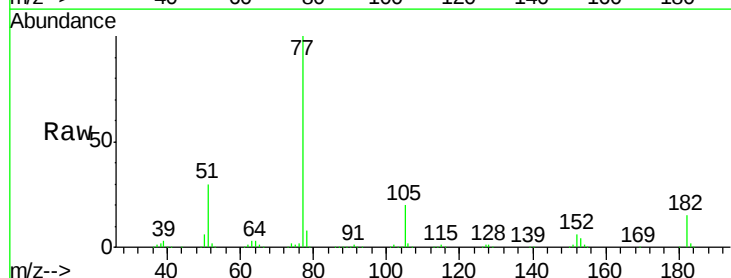
Ion Ratio Lower Upper

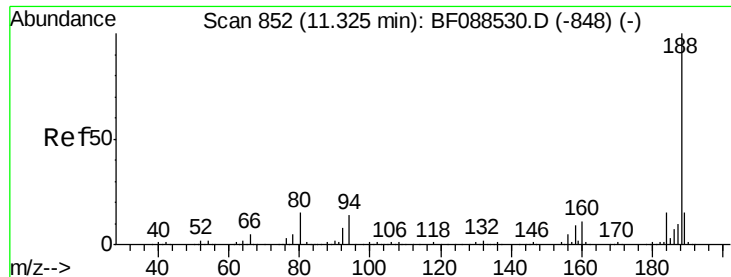
77 100

182 14.6 4.4 44.4

105 20.0 3.8 43.8

51 29.5 9.3 49.3





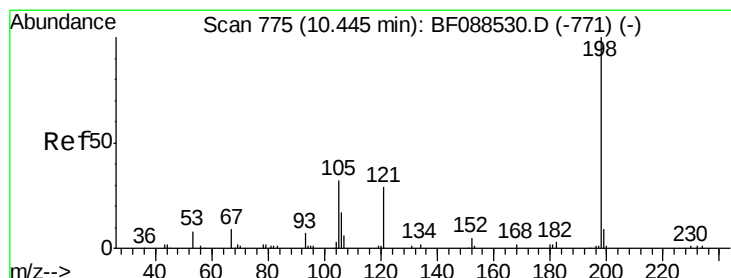
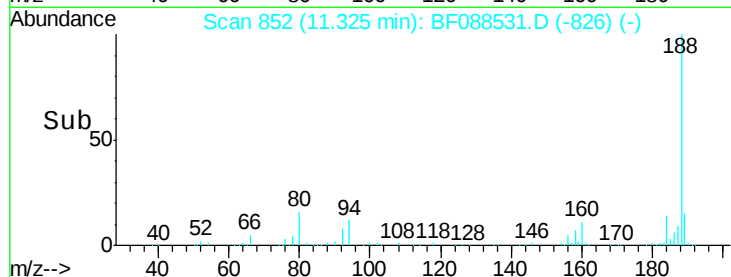
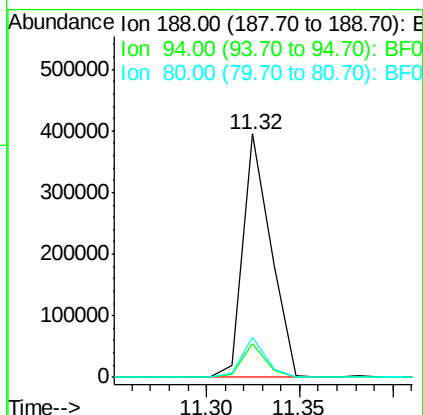
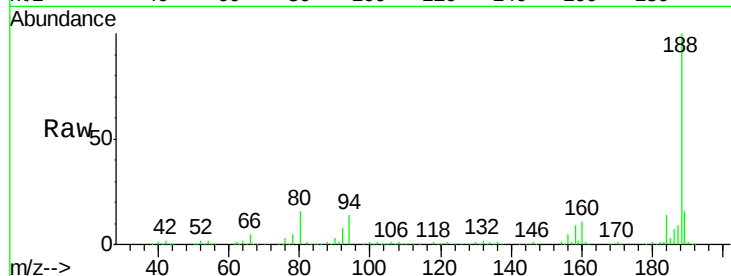
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	409690		
94	14.1	9.0	13.6#	
80	16.4	10.0	15.0#	

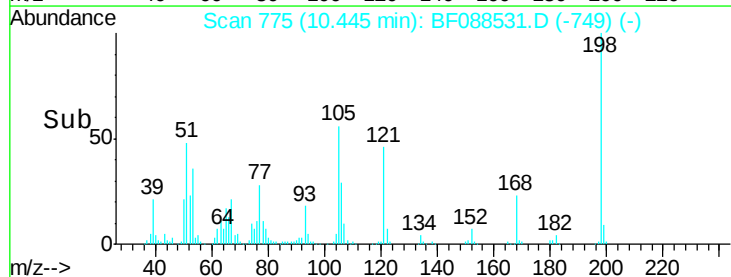
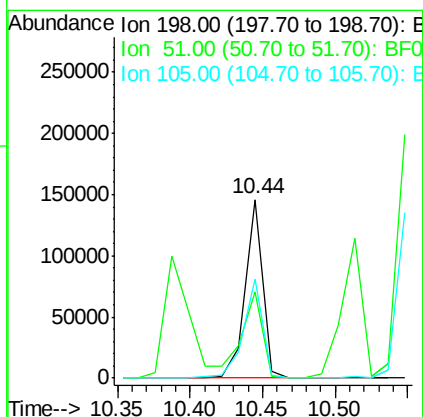
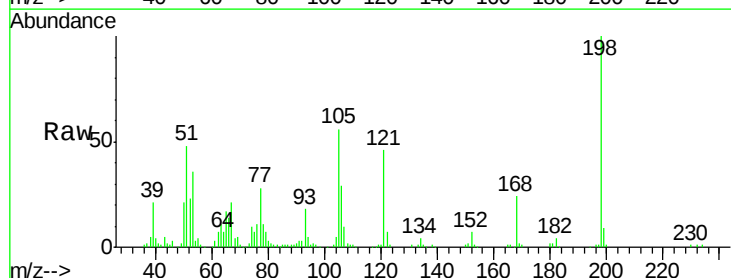
Manual Integrations

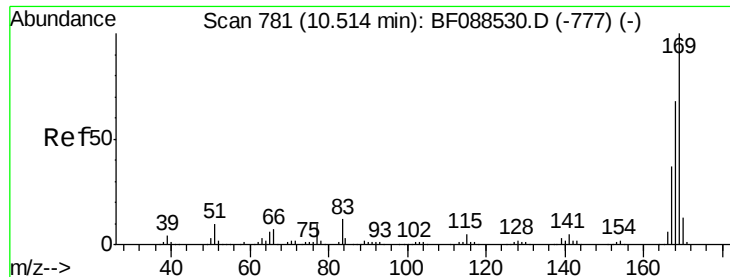
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#64
4,6-Dinitro-2-methylphenol
Concen: 64.70 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

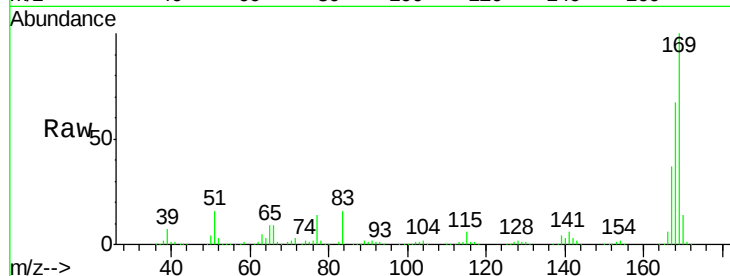
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	122345		
51	48.3	39.6	79.6	
105	55.5	36.6	76.6	





#65
n-Nitrosodiphenylamine
Concen: 46.16 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

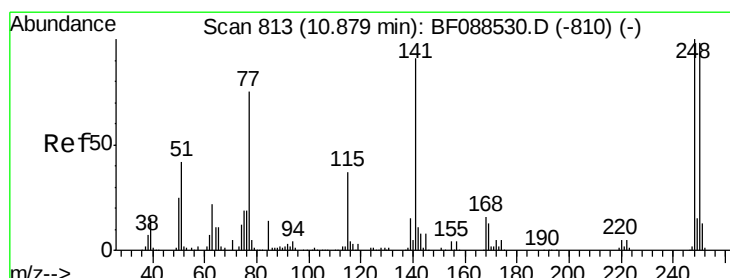
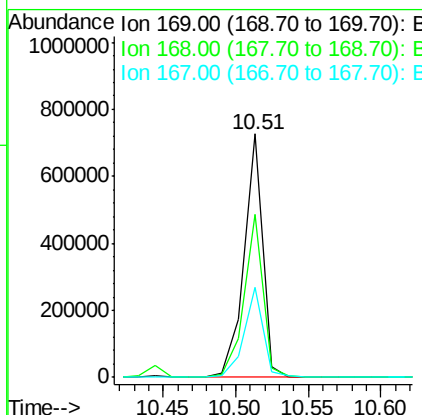
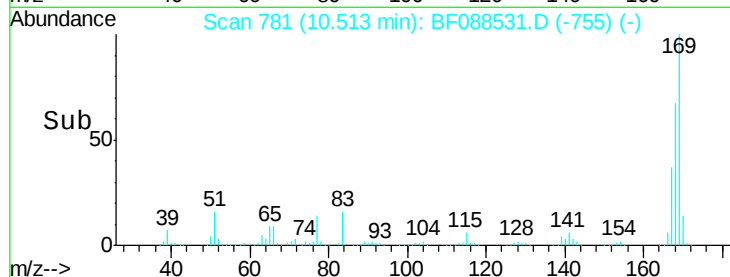
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	648866		
168	67.1	53.4	80.0	
167	36.8	29.4	44.0	

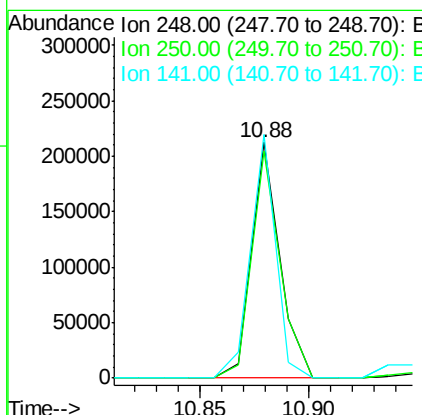
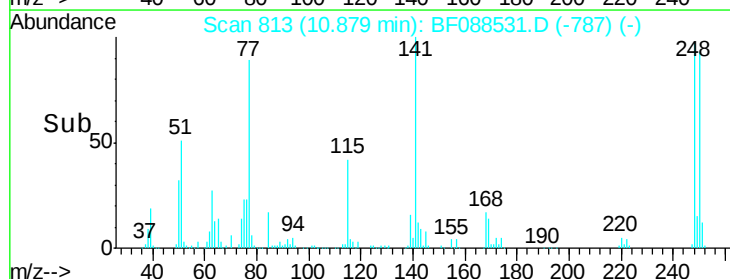
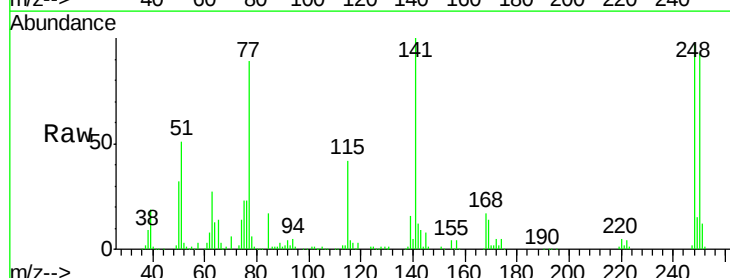
Manual Integrations

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7/1/2016 8:06:53 AM



#66
4-Bromophenyl-phenylether
Concen: 45.64 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	191613		
250	96.4	77.1	115.7	
141	103.2	50.6	76.0	





#67

Hexachlorobenzene

Concen: 52.22 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

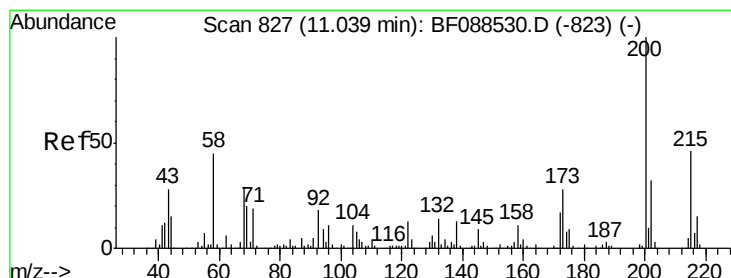
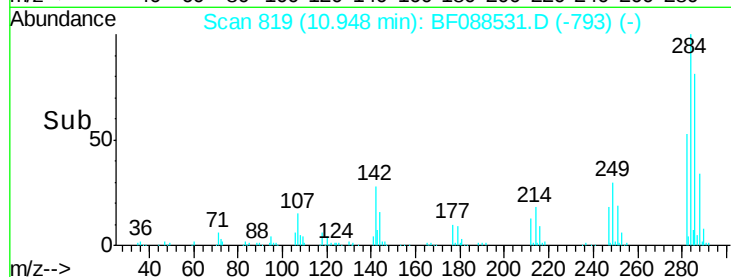
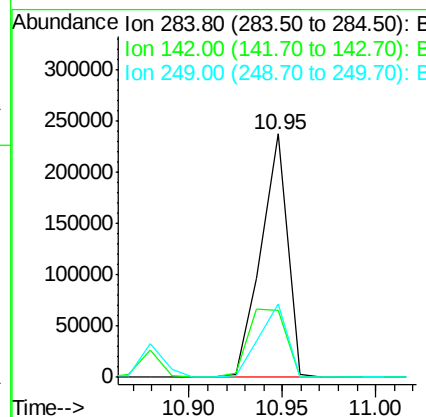
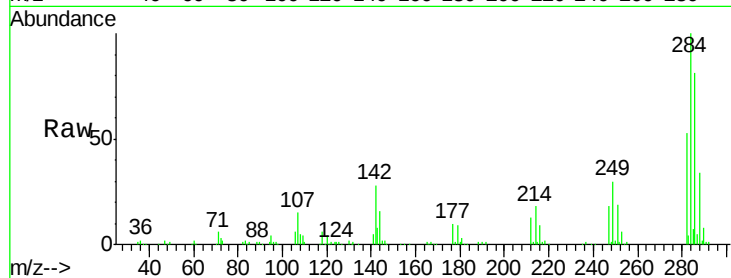
SSTDICC050

Tgt Ion:	284	Resp:	233499
Ion Ratio	Lower	Upper	
284	100		
142	27.6	35.8	53.8#
249	30.0	25.8	38.6

Manual Integrations

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#68

Atrazine

Concen: 43.31 ng

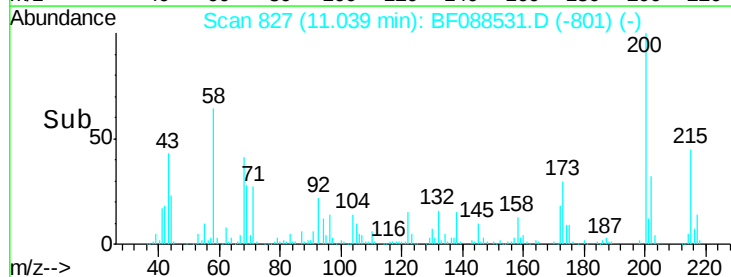
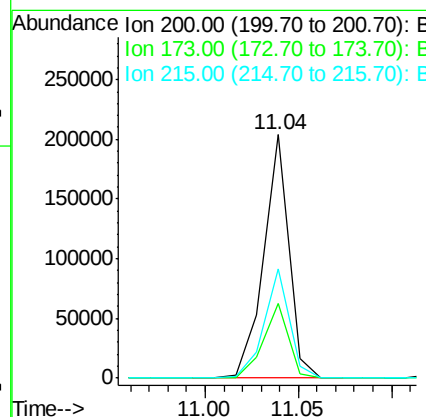
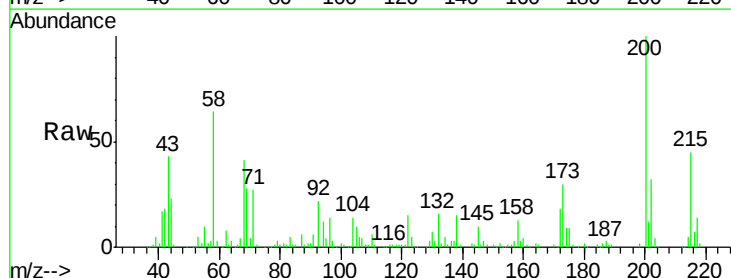
RT: 11.04 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion:	200	Resp:	189119
Ion Ratio	Lower	Upper	
200	100		
173	30.5	4.0	44.0
215	45.1	29.3	69.3





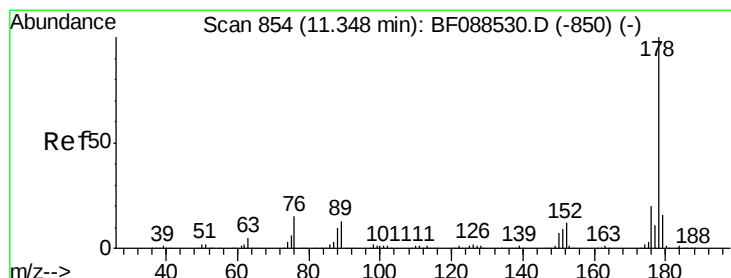
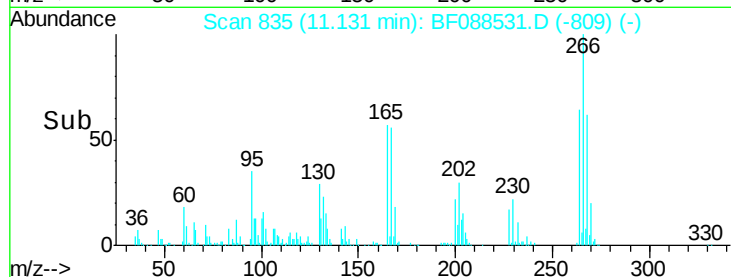
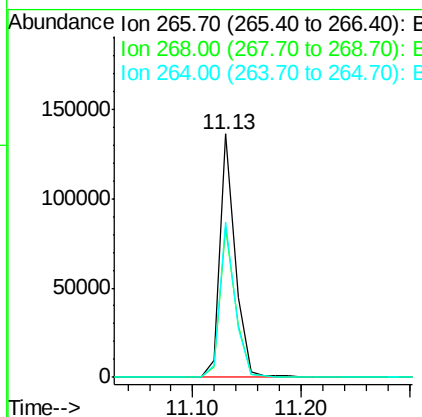
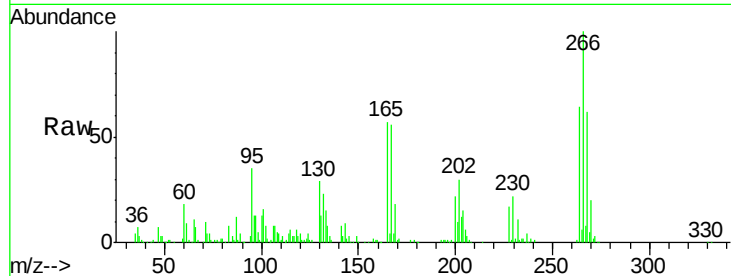
#69
 Pentachlorophenol
 Concen: 50.30 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	52.8	79.2
264	63.8	49.6	74.4

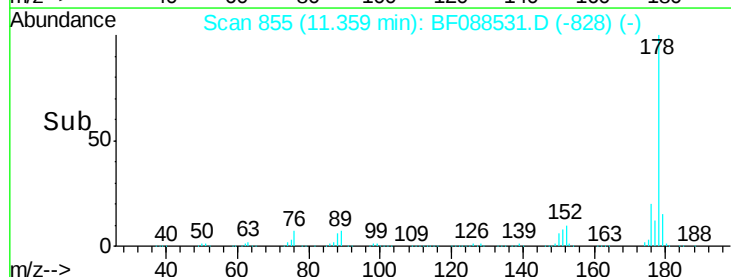
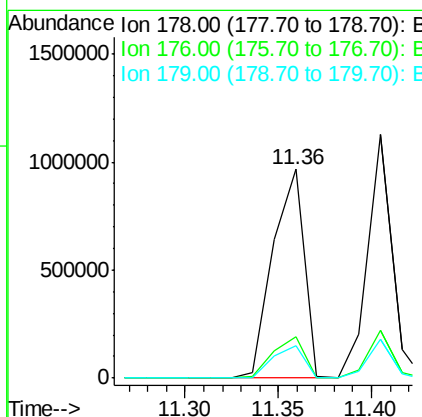
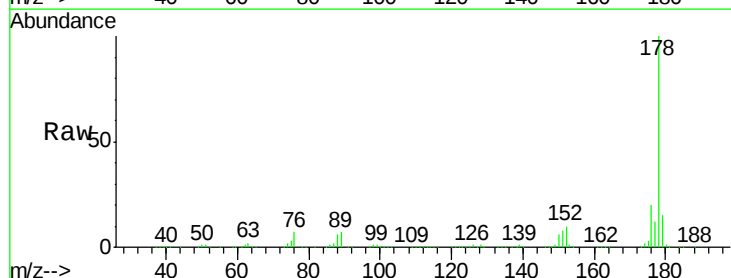
Manual Integrations

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#70
 Phenanthrene
 Concen: 48.39 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

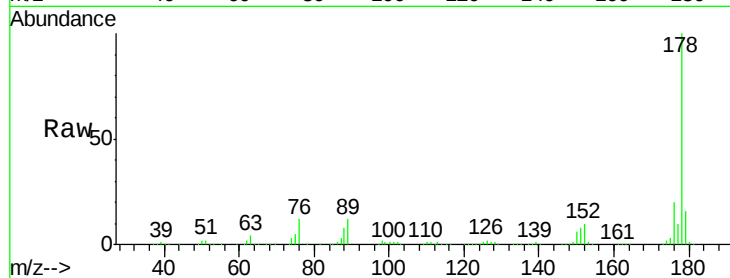
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.5	13.0	19.4





#71
 Anthracene
 Concen: 43.95 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

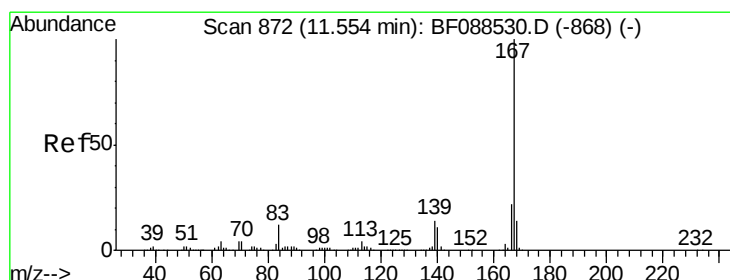
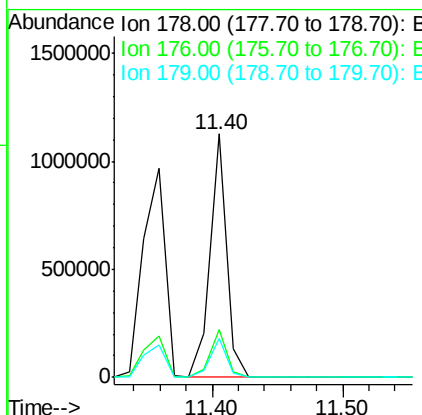
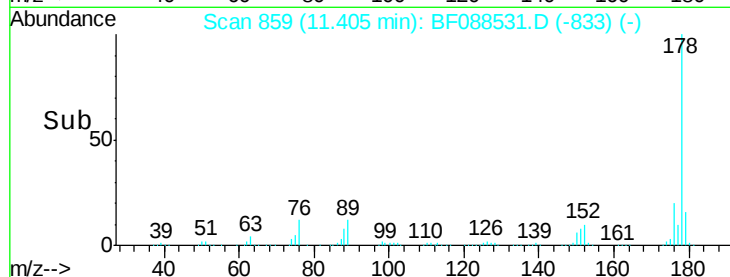
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



Tgt Ion:178 Resp: 1005340
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.1 12.8 19.2

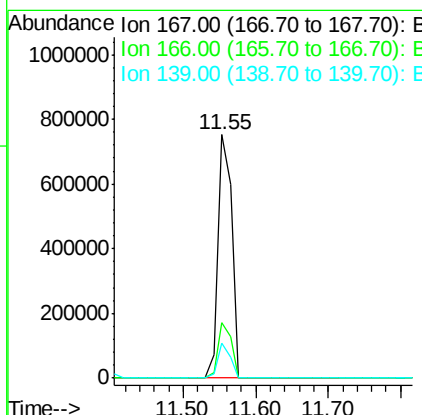
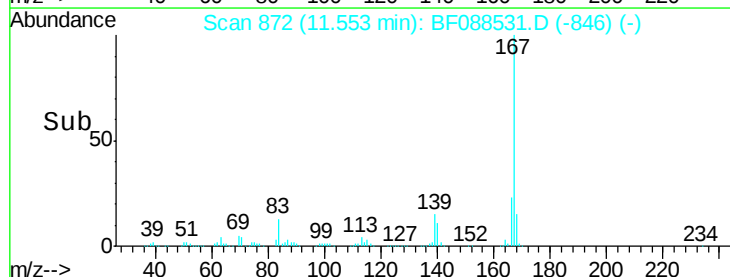
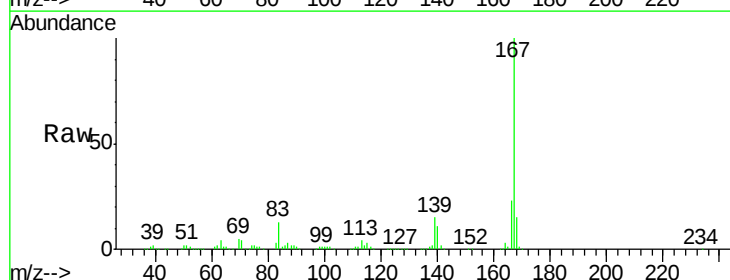
Manual Integrations

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 SOHIL
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#72
 Carbazole
 Concen: 44.98 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Tgt Ion:167 Resp: 983165
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.6
 139 14.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 43.54 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 1110461

Ion Ratio Lower Upper

149 100

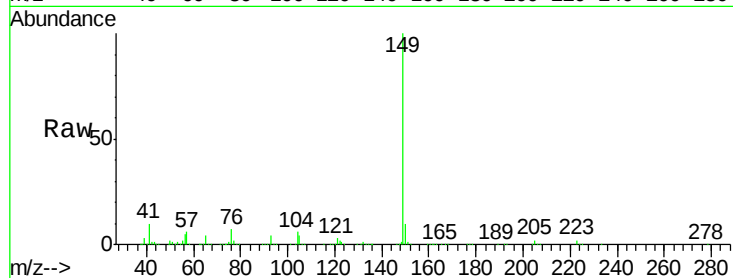
150 9.6 7.8 11.6

104 6.2 4.0 6.0#

Manual Integrations

SOHIL

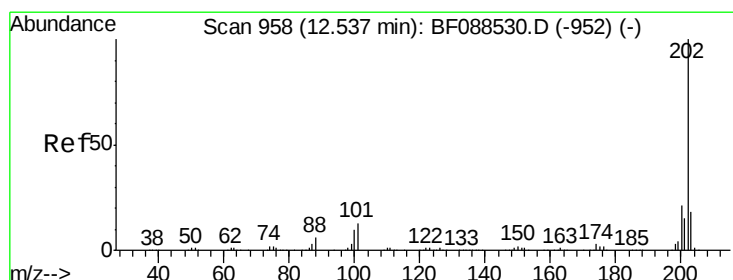
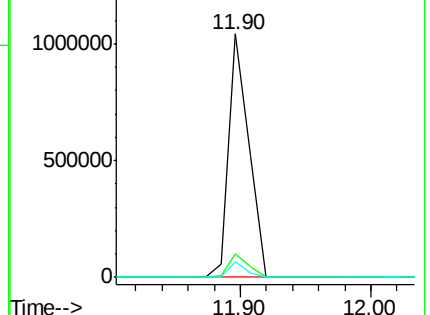
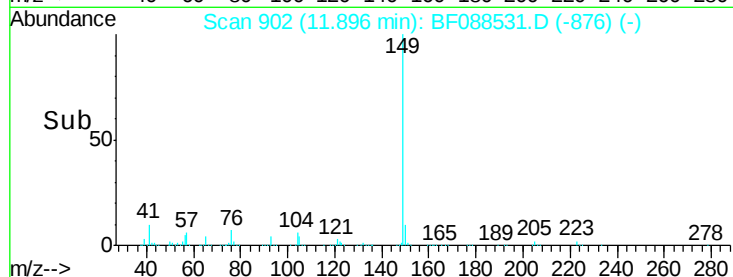
7/1/2016 8:06:53 AM



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: 46.66 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

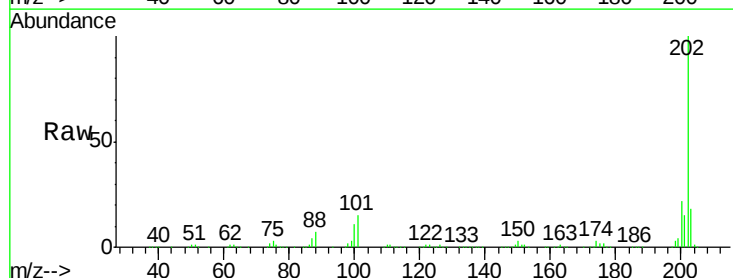
Tgt Ion:202 Resp: 1053500

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.1

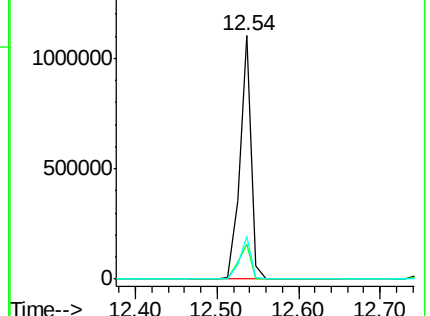
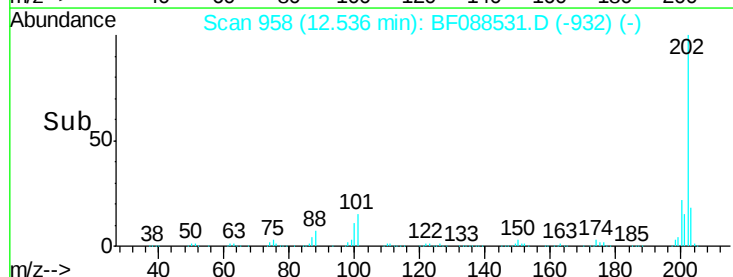
203 17.7 0.0 38.1

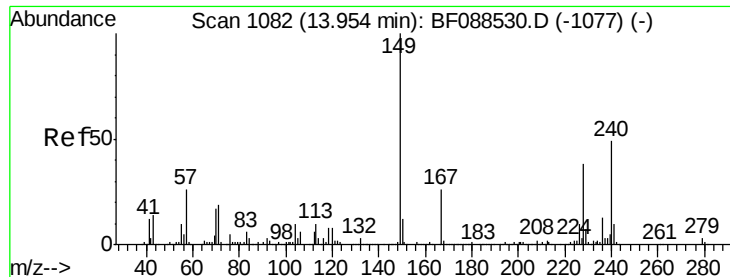


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:240 Resp: 241153

Ion Ratio Lower Upper

240 100

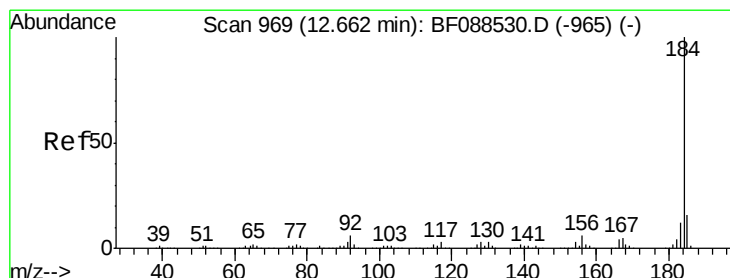
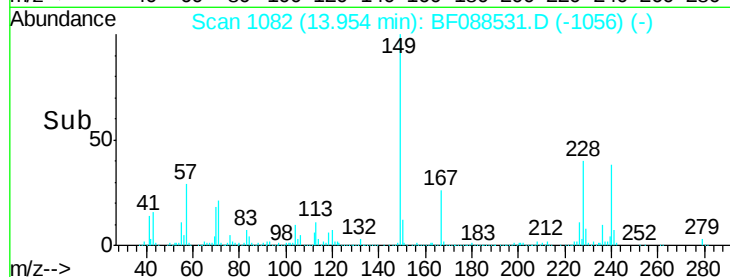
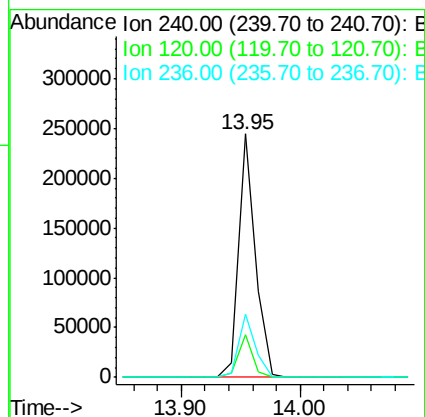
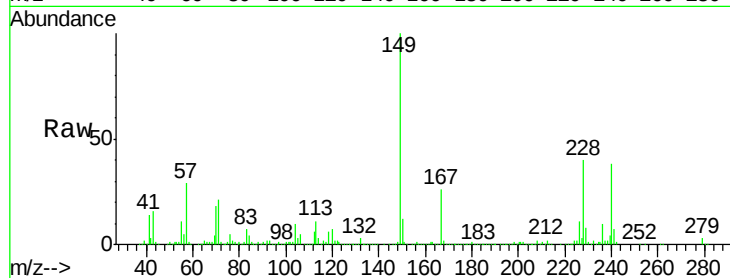
120 17.6 6.8 10.2#

236 25.7 20.2 30.2

Manual Integrations

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#76

Benzidine

Concen: 89.58 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

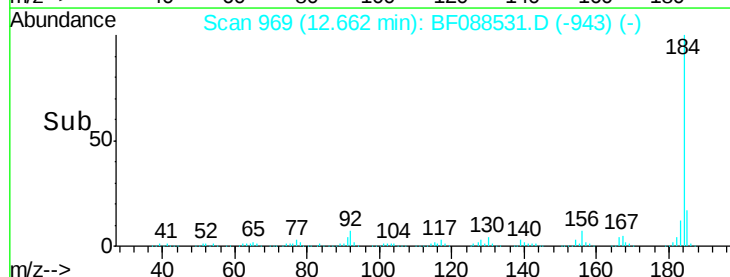
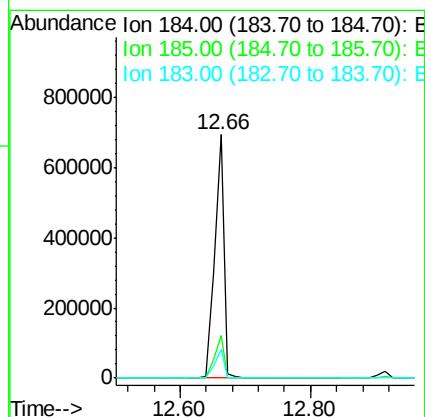
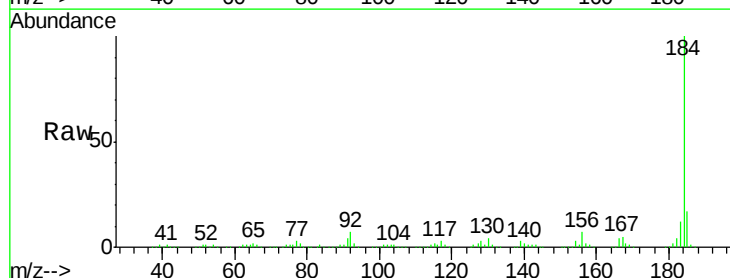
Tgt Ion:184 Resp: 701163

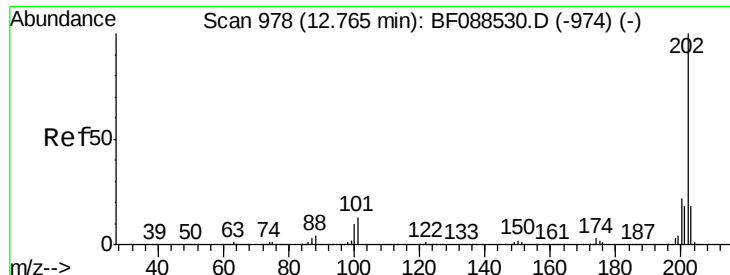
Ion Ratio Lower Upper

184 100

185 17.4 12.5 18.7

183 12.0 9.3 13.9





#77

Pyrene

Concen: 55.03 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 202 Resp: 1136414

Ion Ratio Lower Upper

202 100

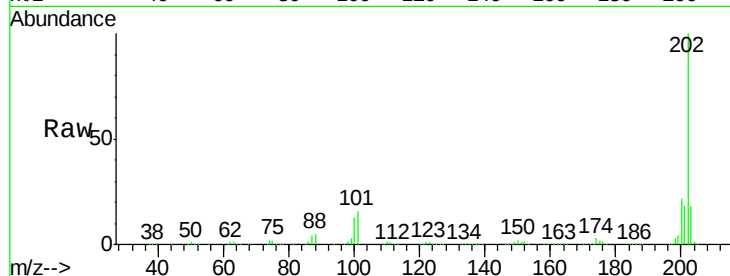
200 22.3 17.4 26.2

203 18.1 14.5 21.7

Manual Integrations

SOHIL

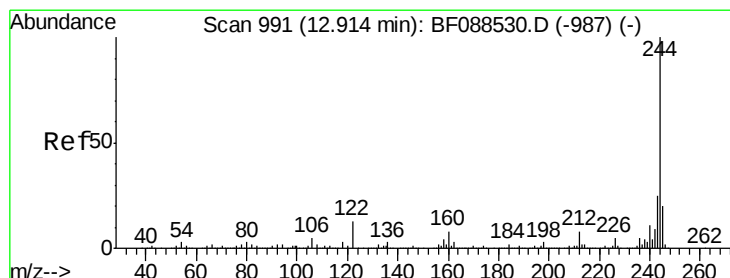
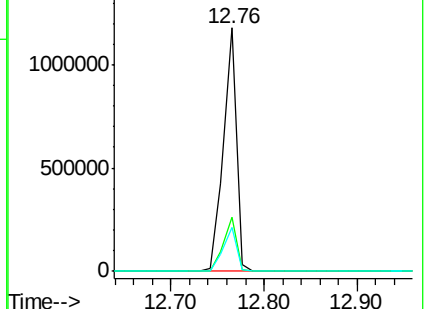
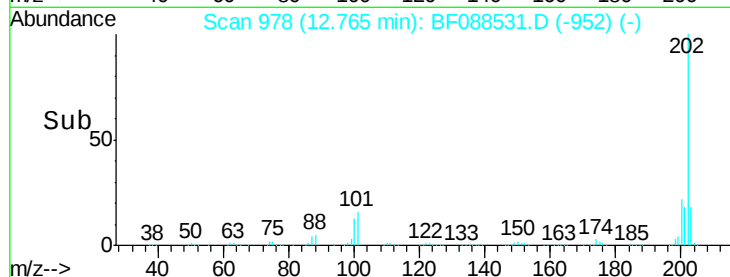
7/1/2016 8:06:53 AM



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: 48.75 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

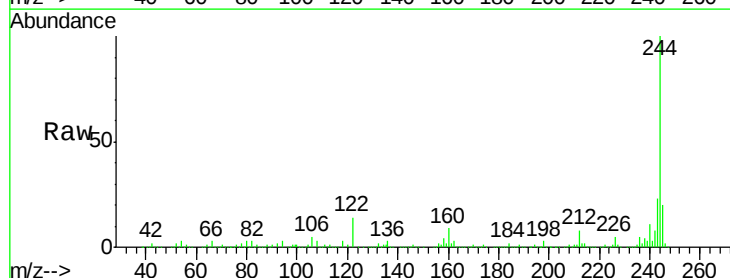
Tgt Ion: 244 Resp: 1073024

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

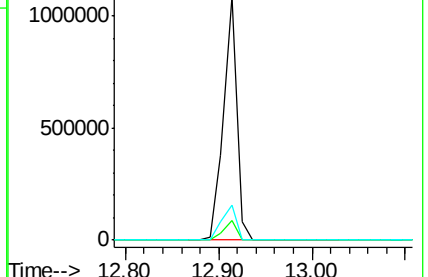
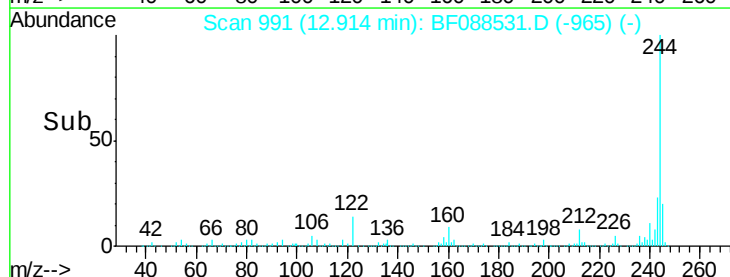
122 14.4 11.2 16.8



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: 54.11 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF088531.D

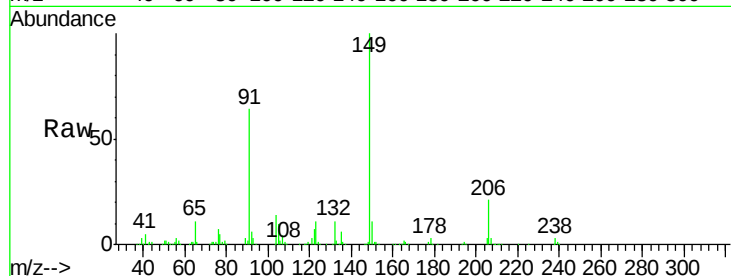
Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion:149 Resp: 497801

Ion Ratio Lower Upper

149 100

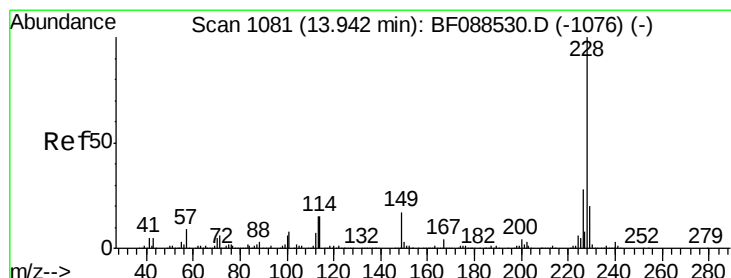
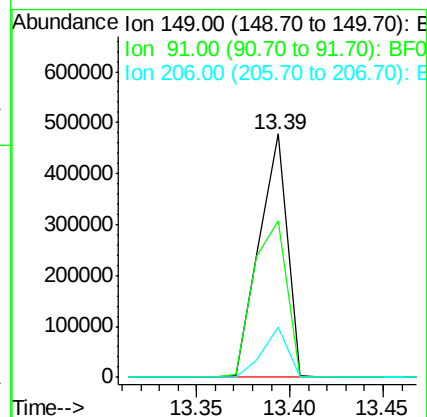
91 64.1 48.0 72.0

206 20.6 16.0 24.0

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 48.35 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

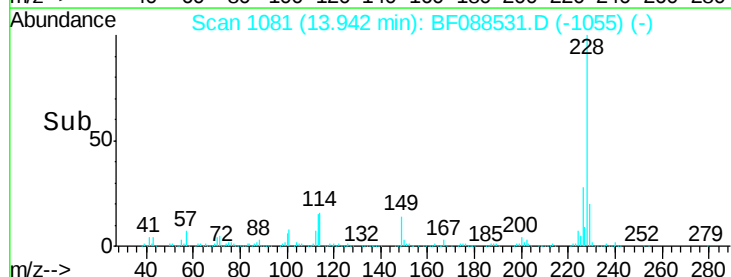
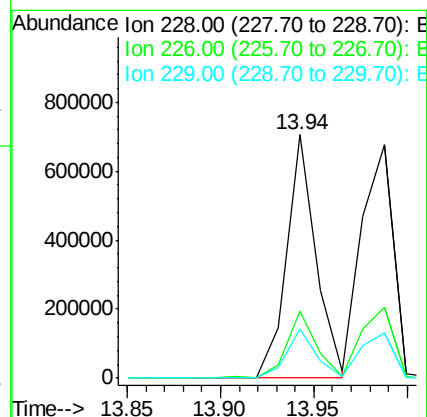
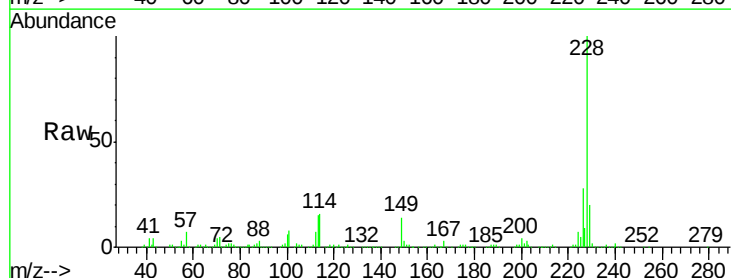
Tgt Ion:228 Resp: 775614

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 20.2 16.0 24.0





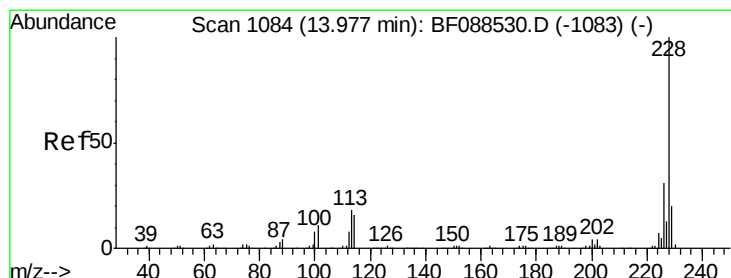
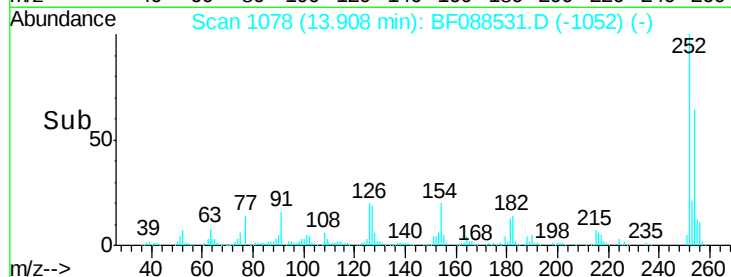
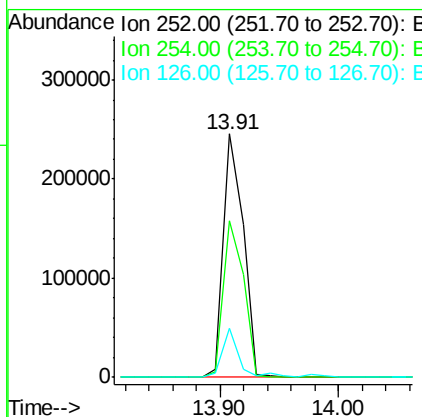
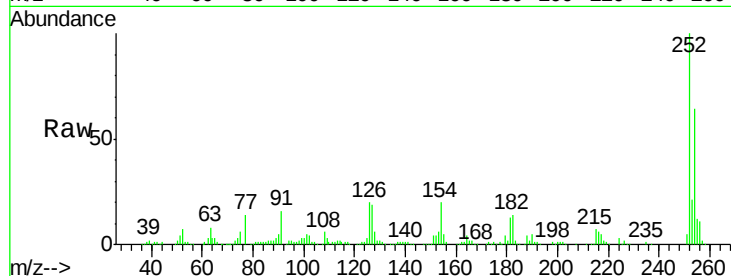
#81
 3,3'-Dichlorobenzidine
 Concen: 53.15 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	20.0	6.2	9.2

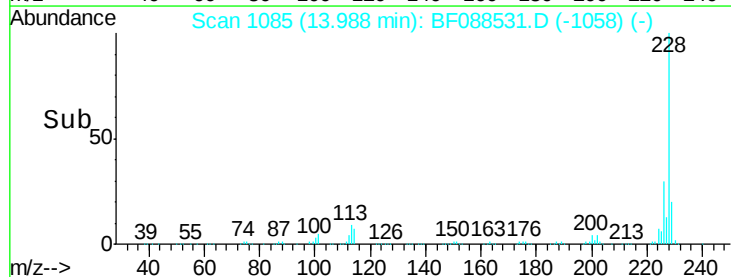
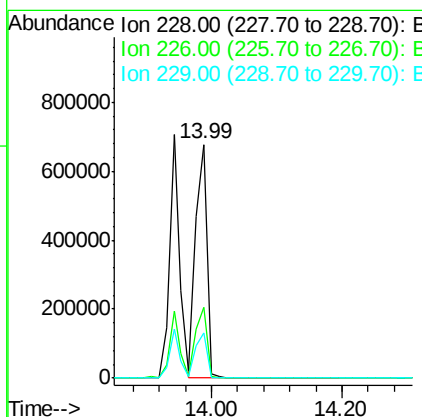
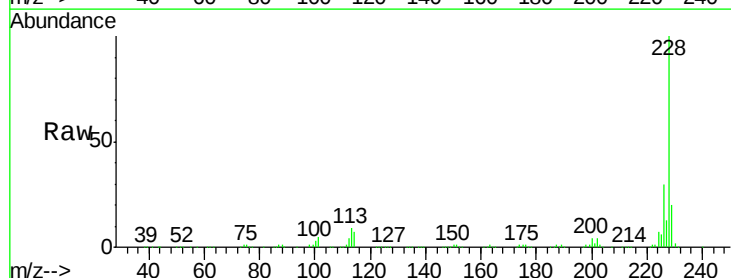
Manual Integrations

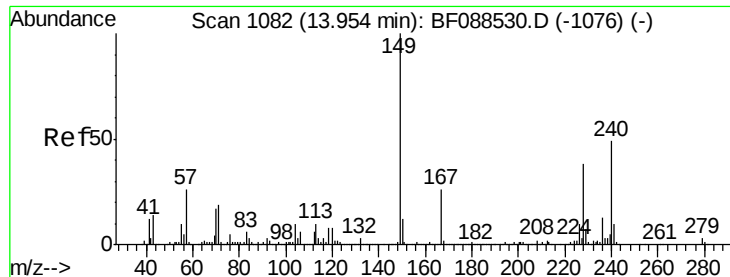
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#82
 Chrysene
 Concen: 51.18 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	19.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.14 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 557343

Ion Ratio Lower Upper

149 100

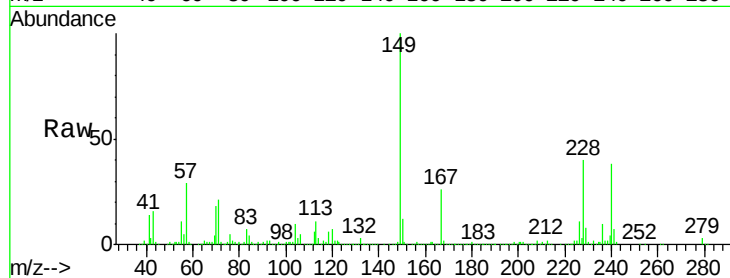
167 25.8 20.5 30.7

279 2.7 2.0 3.0

Manual Integrations

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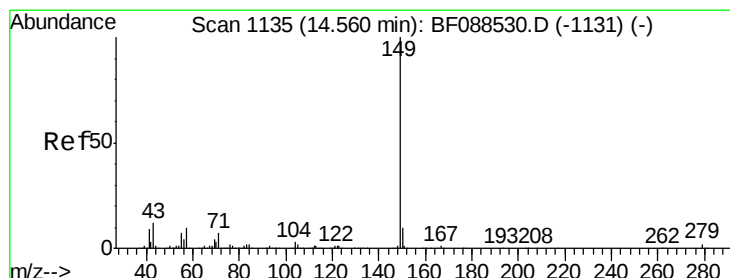
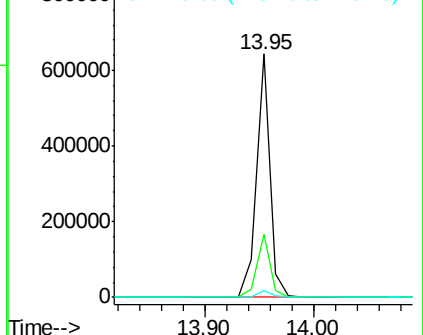
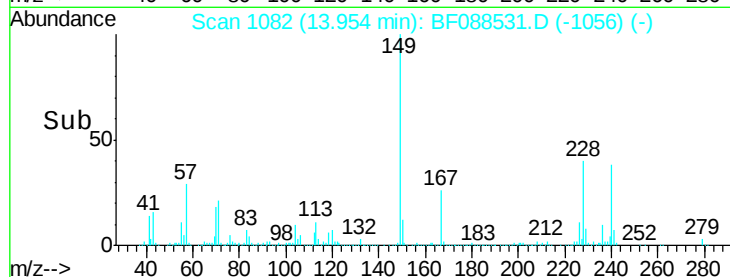
7/1/2016 8:06:53 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.23 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

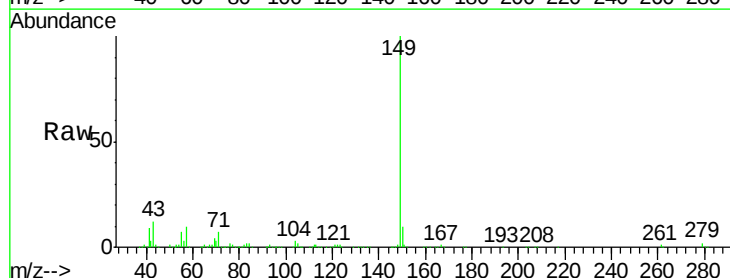
Tgt Ion:149 Resp: 906229

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

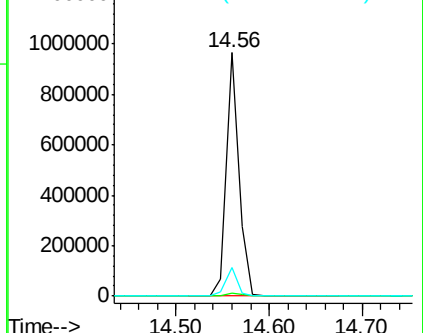
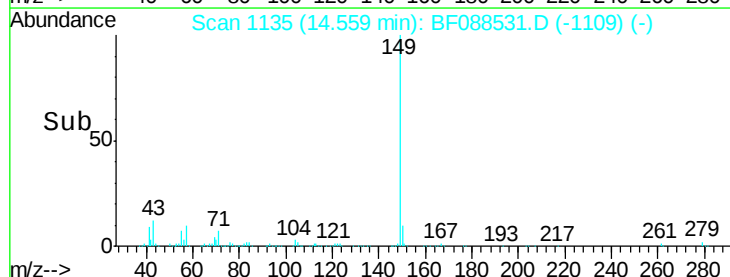
43 11.1 0.0 0.0#

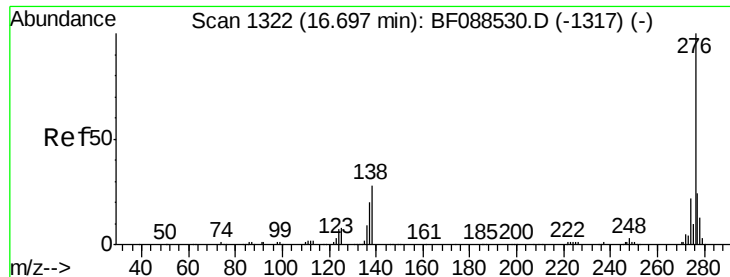


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





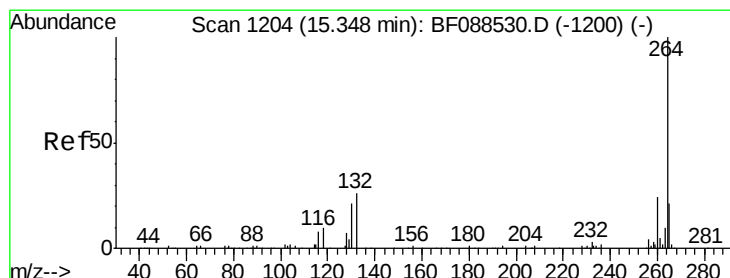
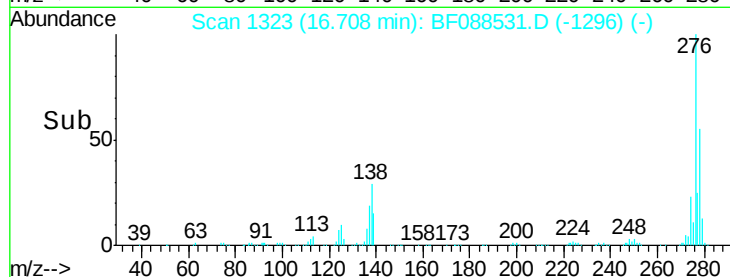
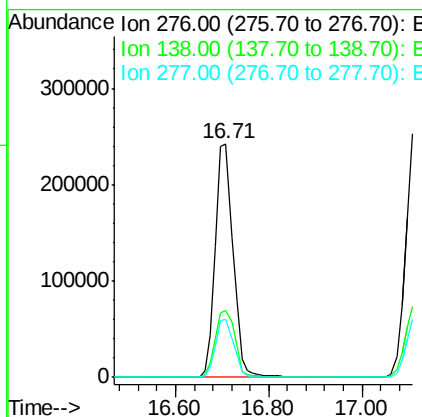
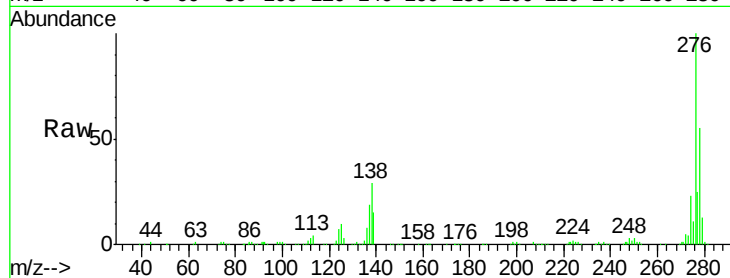
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.11 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	647692		
138	31.9	0.0	0.0	0.0
277	25.2	0.0	0.0	0.0

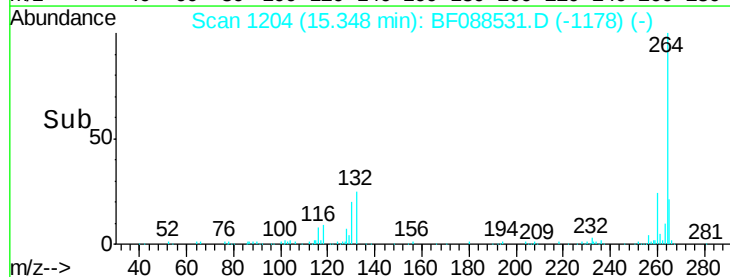
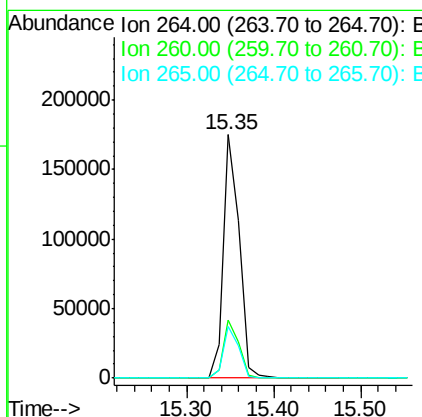
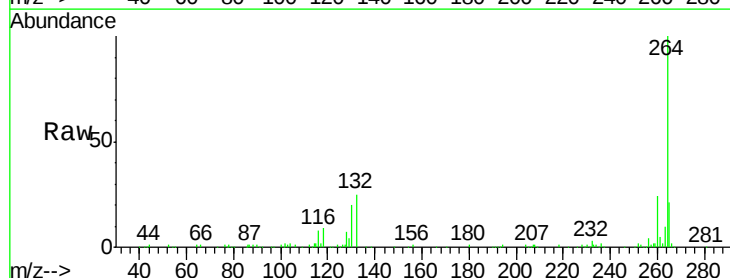
Manual Integrations

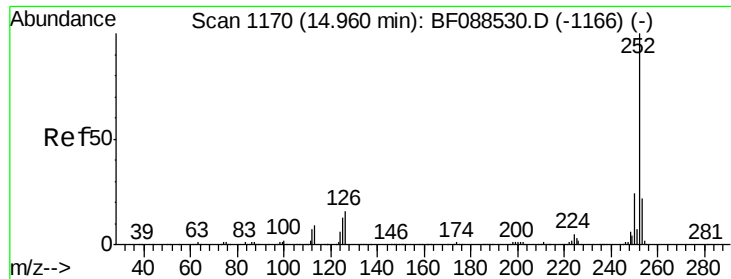
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	223307		
260	23.9	19.2	28.8	
265	21.4	16.9	25.3	





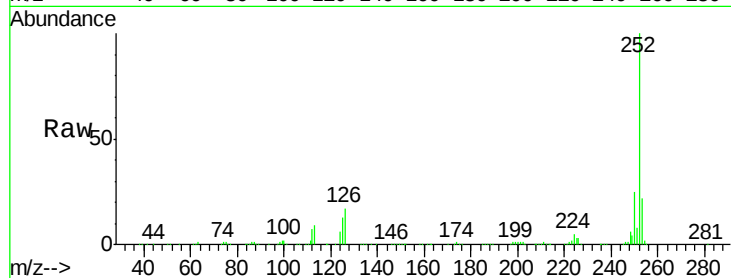
#87
Benzo(b)fluoranthene
Concen: 47.63 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

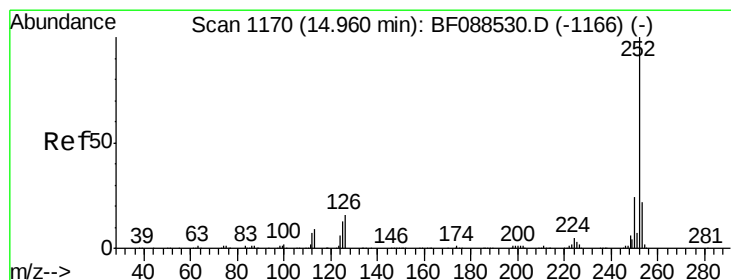
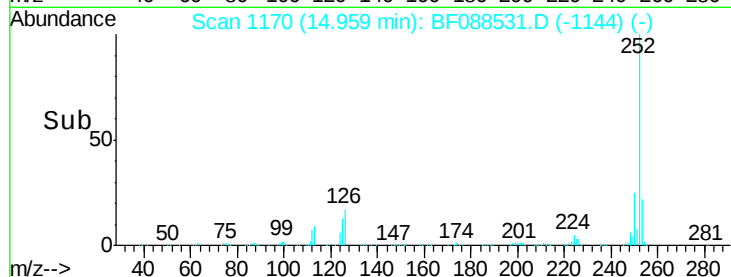
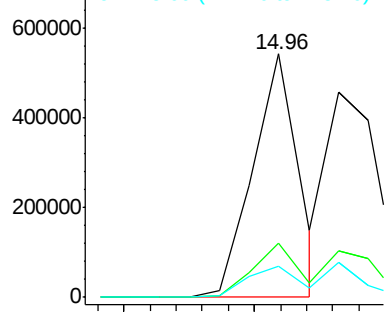
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.7	7.1	10.7

Manual Integrations

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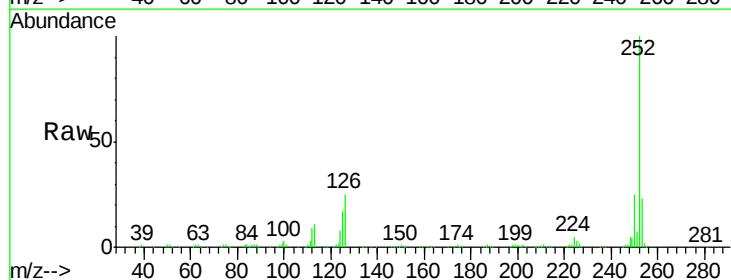


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

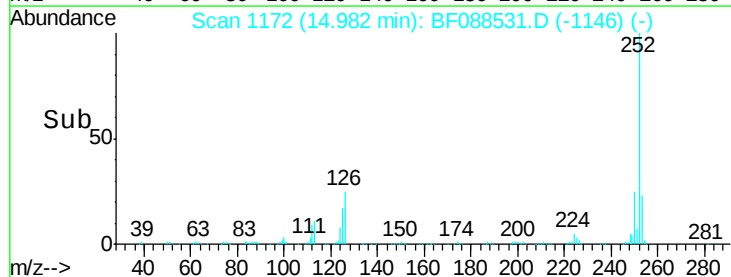
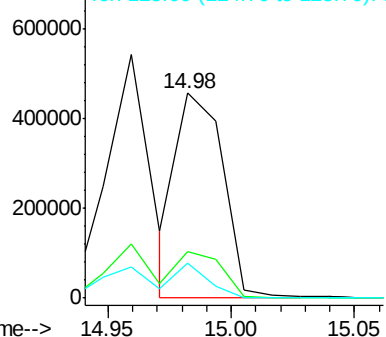


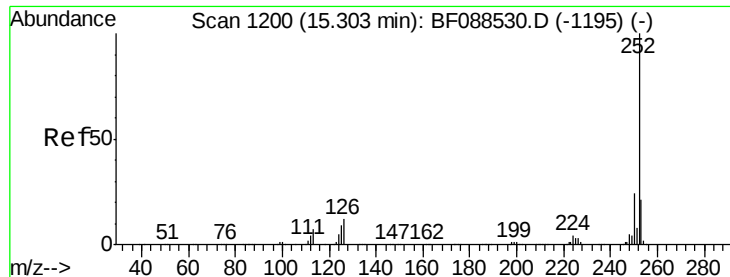
#88
Benzo(k)fluoranthene
Concen: 47.45 ng m
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	17.1	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





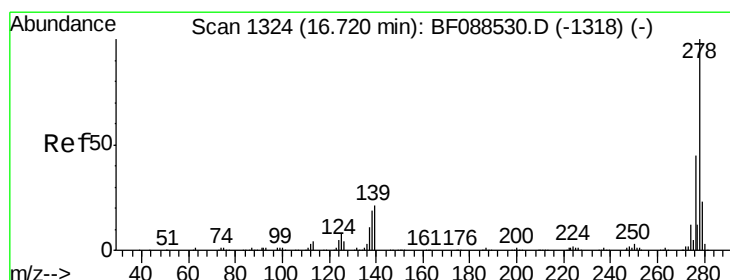
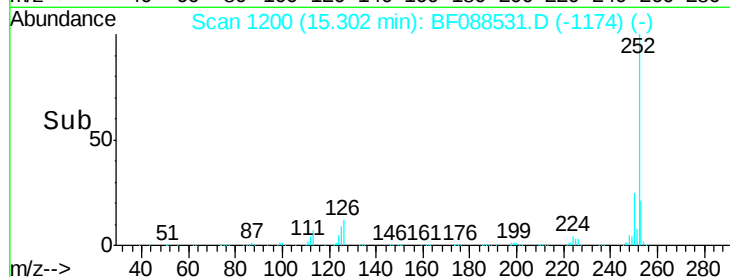
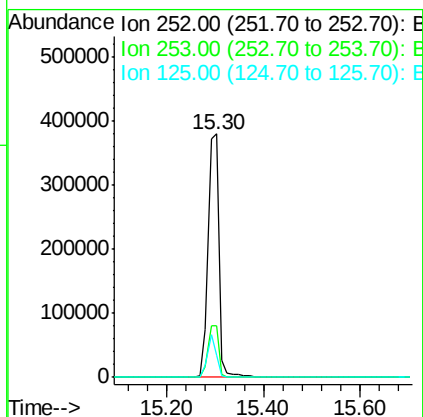
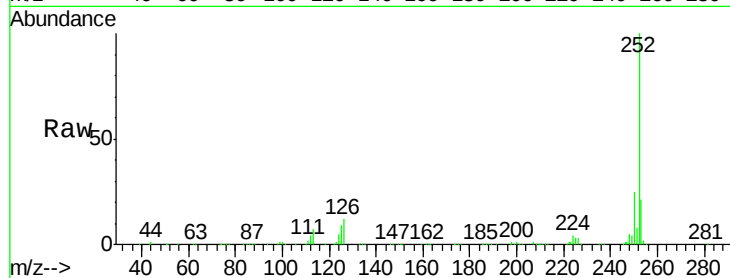
#89
Benzo(a)pyrene
Concen: 48.38 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	9.3	12.5	18.7

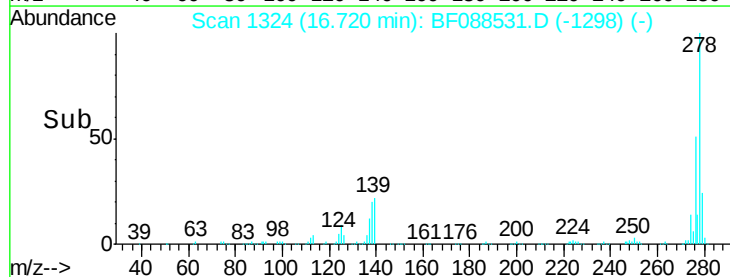
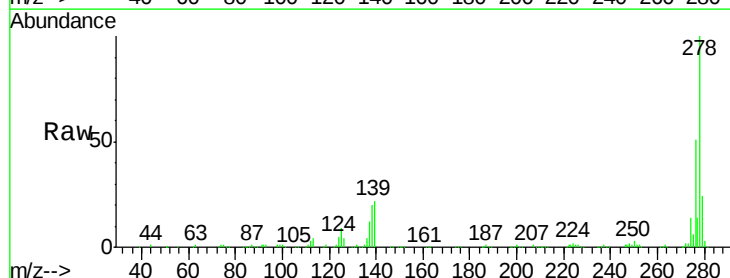
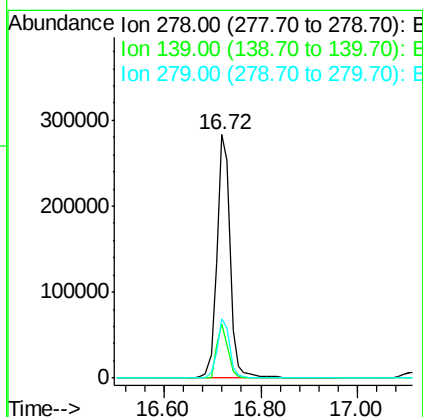
Manual Integrations

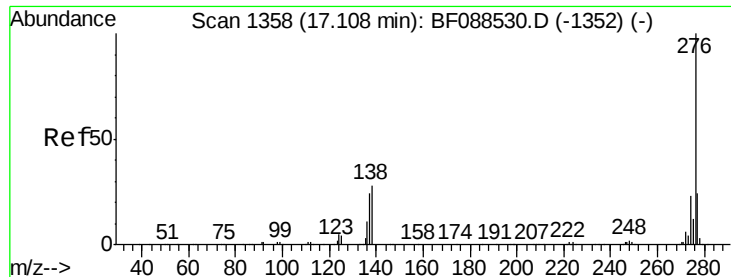
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7/1/2016 8:06:53 AM



#90
Dibenzo(a,h)anthracene
Concen: 53.84 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF088531.D
Acq: 30 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.7	23.5
279	24.3	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 55.27 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF088531.D
 Acq: 30 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	276	Resp:	586473
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.9	28.3
138	28.9	21.4	32.2

Manual Integrations

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