

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088533.D
 Acq On : 30 Jun 2016 17:06
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:06:57 AM

Quant Time: Jun 30 17:46:27 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	123133	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	488964	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	221247	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	419852	20.00	ng	0.01
75) Chrysene-d12	13.97	240	211030	20.00	ng	0.01
86) Perylene-d12	15.36	264	225095	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1199719	74.97	ng	0.00
7) Phenol-d6	6.46	99	1426830	68.18	ng	0.01
23) Nitrobenzene-d5	7.39	82	1387265	73.12	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	313391	78.90	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1868037	63.41	ng	0.01
78) Terphenyl-d14	12.91	244	1700732	88.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	311041	76.88	ng	# 33
3) Pyridine	3.10	79	901865	76.21	ng	95
4) n-Nitrosodimethylamine	3.06	42	357169	77.84	ng	92
6) Aniline	6.49	93	1088355	69.67	ng	96
8) 2-Chlorophenol	6.60	128	588591	64.64	ng	97
9) Benzaldehyde	6.36	77	496580	116.71	ng	86
10) Phenol	6.47	94	731831	58.57	ng	# 58
11) bis(2-Chloroethyl)ether	6.56	93	600805	64.62	ng	95
12) 1,3-Dichlorobenzene	6.76	146	701450	73.54	ng	96
13) 1,4-Dichlorobenzene	6.83	146	640395	66.92	ng	94
14) 1,2-Dichlorobenzene	6.99	146	587025m	65.75	ng	
15) Benzyl Alcohol	6.97	79	565899	66.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	903742	69.46	ng	92
17) 2-Methylphenol	7.07	107	546852	71.10	ng	98
18) Hexachloroethane	7.34	117	269547	73.03	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	508563	70.09	ng	89
20) 3+4-Methylphenols	7.23	107	581320	64.29	ng	# 67
22) Acetophenone	7.23	105	867609	73.28	ng	# 82
24) Nitrobenzene	7.40	77	672557	68.34	ng	# 81
25) Isophorone	7.66	82	1342550	72.78	ng	97
26) 2-Nitrophenol	7.72	139	351261	87.77	ng	90
27) 2,4-Dimethylphenol	7.77	122	623720	76.34	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	746906	65.17	ng	# 96
29) 2,4-Dichlorophenol	7.96	162	500109	73.87	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	501798	70.10	ng	98
31) Naphthalene	8.12	128	1654708	68.83	ng	99
32) Benzoic acid	7.93	122	527034	119.72	ng	91
33) 4-Chloroaniline	8.18	127	833429	78.89	ng	# 94
34) Hexachlorobutadiene	8.25	225	272244	71.75	ng	99
35) Caprolactam	8.57	113	174636	72.93	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	553683	72.14	ng	94
37) 2-Methylnaphthalene	8.82	142	1156760	72.55	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	485566	79.83	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	276473	70.50	ng	99

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 QLast Update : Thu Jun 30 16:14:19 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	349962	72.31	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	272283	60.93	ng #	86
45) 1,1'-Biphenyl	9.29	154	1359022	77.45	ng	96
46) 2-Chloronaphthalene	9.30	162	1014064	71.73	ng	96
47) 2-Nitroaniline	9.39	65	417768	87.02	ng	96
48) Acenaphthylene	9.72	152	1753206	76.33	ng	99
49) Dimethylphthalate	9.59	163	1146273	69.08	ng	99
50) 2,6-Dinitrotoluene	9.64	165	249658	68.29	ng #	50
51) Acenaphthene	9.90	154	1083364	76.13	ng	99
52) 3-Nitroaniline	9.82	138	369202	84.31	ng	94
53) 2,4-Dinitrophenol	9.91	184	134287	92.50	ng #	82
54) Dibenzofuran	10.07	168	1370386	68.18	ng	97
55) 4-Nitrophenol	9.96	139	242451	68.51	ng	94
56) 2,4-Dinitrotoluene	10.04	165	320286	67.89	ng #	49
58) 2,3,4,6-Tetrachlorophenol	10.18	232	257660	70.54	ng #	53
59) Diethylphthalate	10.28	149	1090542	64.02	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	440416	66.66	ng	99
61) 4-Nitroaniline	10.43	138	335284	80.58	ng	86
62) Azobenzene	10.56	77	1407111	67.57	ng	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	204880	105.73	ng	84
65) n-Nitrosodiphenylamine	10.51	169	999455	69.38	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	310316	72.13	ng #	92
67) Hexachlorobenzene	10.95	284	303387	66.20	ng	98
68) Atrazine	11.05	200	339863	75.96	ng	94
69) Pentachlorophenol	11.14	266	224504	81.71	ng	98
70) Phenanthrene	11.36	178	1442193	60.40	ng	98
71) Anthracene	11.42	178	1639047	69.91	ng	99
72) Carbazole	11.56	167	1496880	66.83	ng	99
73) Di-n-butylphthalate	11.91	149	1819674	69.61	ng	99
74) Fluoranthene	12.54	202	1478061	63.88	ng	96
76) Benzidine	12.66	184	835443	121.97	ng #	93
77) Pyrene	12.77	202	1504379	83.25	ng	99
79) Butylbenzylphthalate	13.39	149	712362	88.49	ng #	81
80) Benzo(a)anthracene	13.94	228	1122735	79.99	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	447136	95.75	ng #	96
82) Chrysene	13.99	228	1081365	78.48	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	758037	81.03	ng	99
84) Di-n-octyl phthalate	14.56	149	1340710	86.60	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	1043730	95.95	ng #	100
87) Benzo(b)fluoranthene	14.96	252	1167289m	84.18	ng	
89) Benzo(a)pyrene	15.30	252	865279	68.73	ng	98
90) Dibenzo(a,h)anthracene	16.73	278	877469	85.23	ng	97
91) Benzo(g,h,i)perylene	17.13	276	944645	88.31	ng	98

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

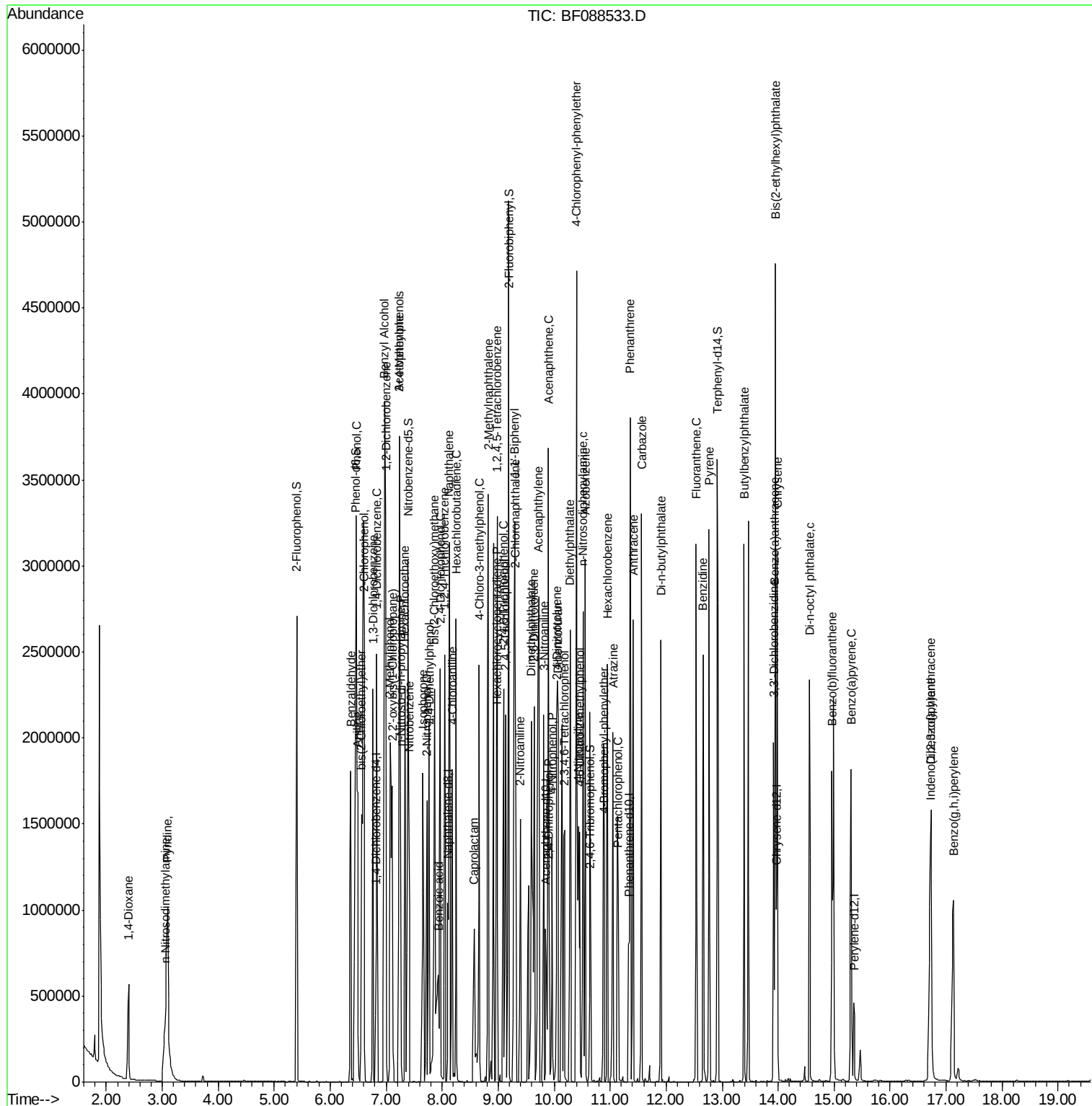
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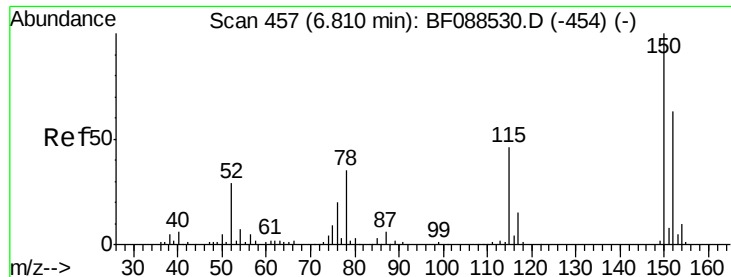
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:152 Resp: 123133

Ion Ratio Lower Upper

152 100

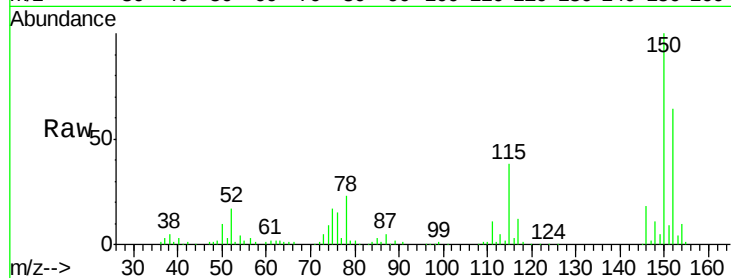
150 156.5 123.8 185.6

115 59.3 39.6 59.4

Manual Integrations

SOHIL

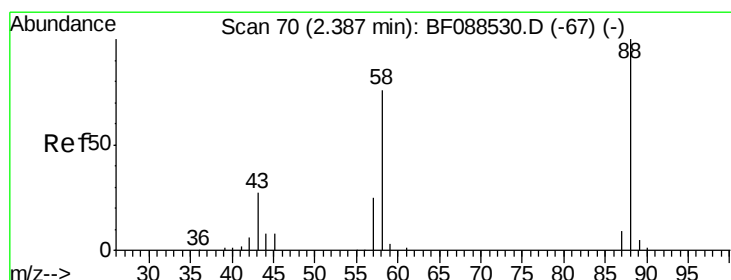
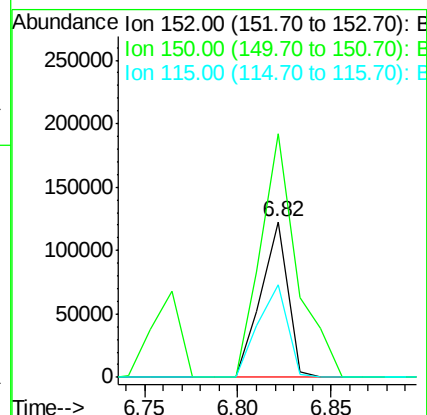
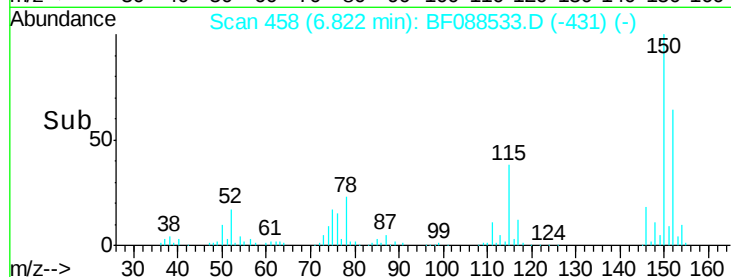
7/1/2016 8:06:57 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 76.88 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

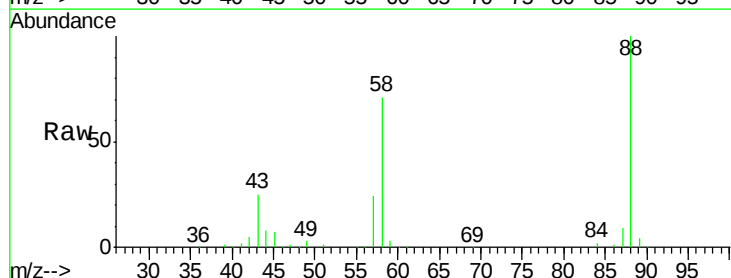
Tgt Ion: 88 Resp: 311041

Ion Ratio Lower Upper

88 100

58 72.1 0.0 0.0#

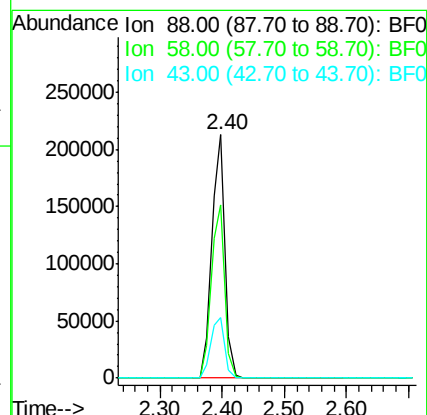
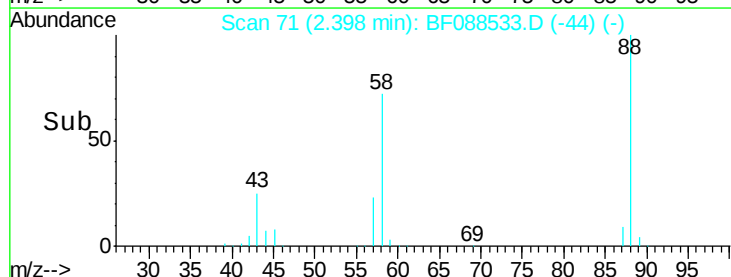
43 26.4 3.4 5.2#



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: 76.21 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

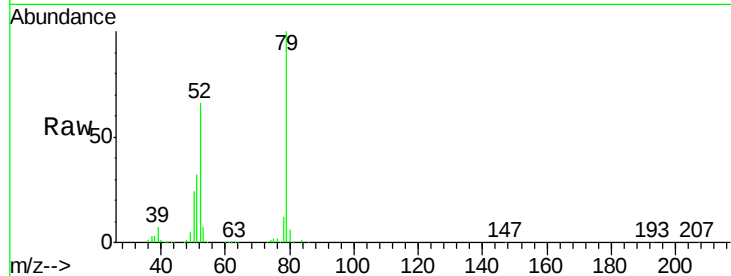
SSTDICC080

Tgt Ion:	79	Resp:	901865
Ion	Ratio	Lower	Upper
79	100		
52	66.0	56.3	84.5
51	32.2	27.4	41.2

Manual Integrations

SOHIL

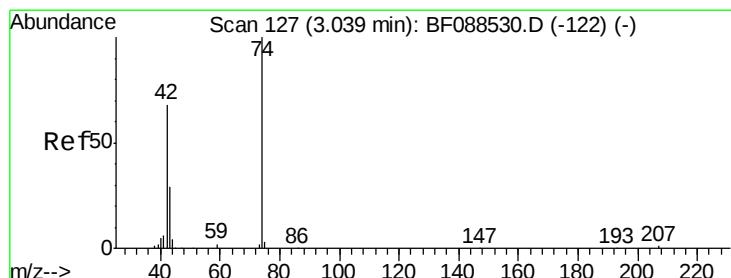
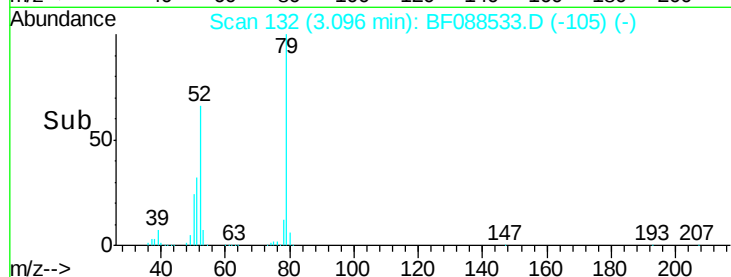
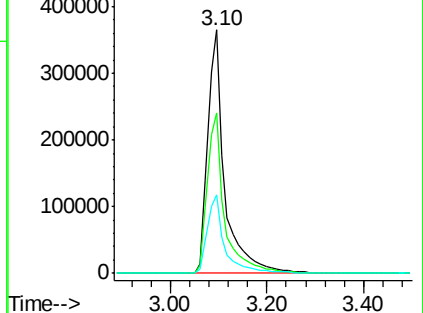
7/1/2016 8:06:57 AM



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 77.84 ng

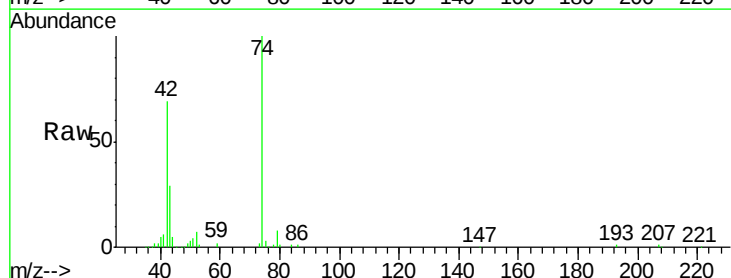
RT: 3.06 min Scan# 129

Delta R.T. 0.02 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

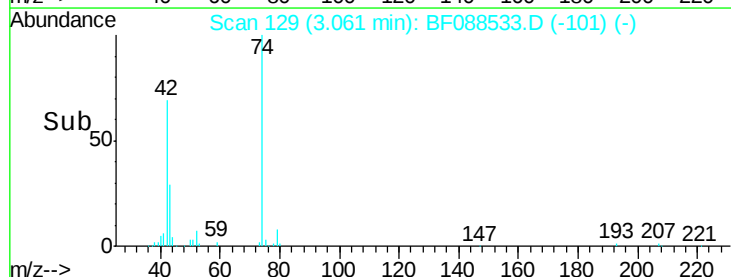
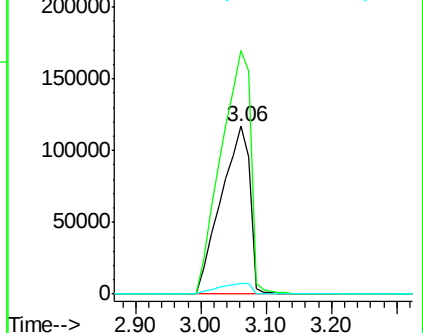
Tgt Ion:	42	Resp:	357169
Ion	Ratio	Lower	Upper
42	100		
74	145.3	108.6	163.0
44	6.6	5.5	8.3

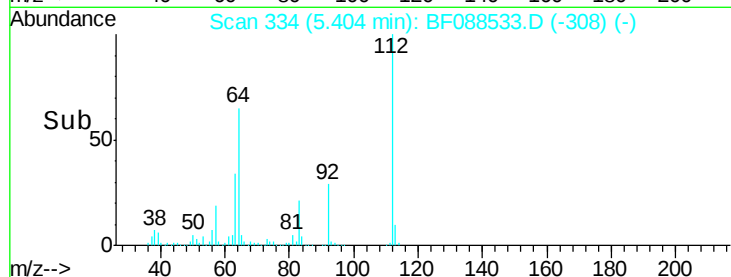
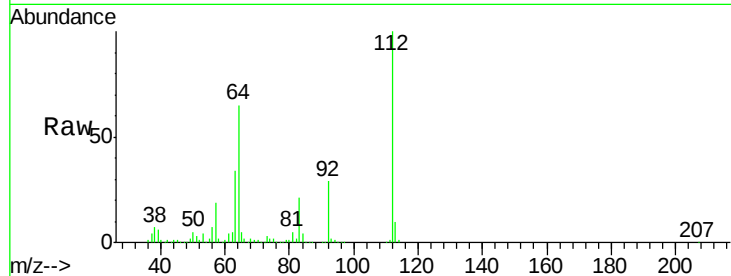
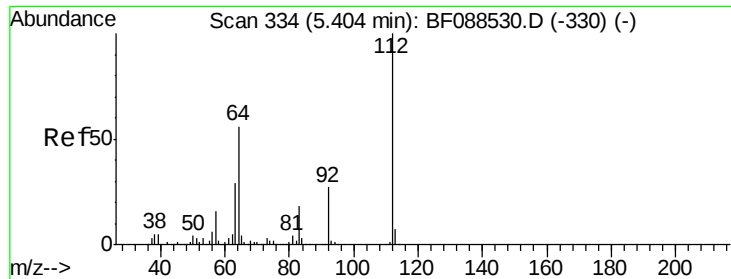


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 74.97 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 112 Resp: 1199719

Ion Ratio Lower Upper

112 100

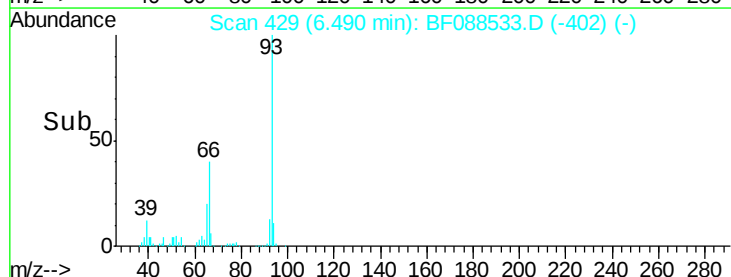
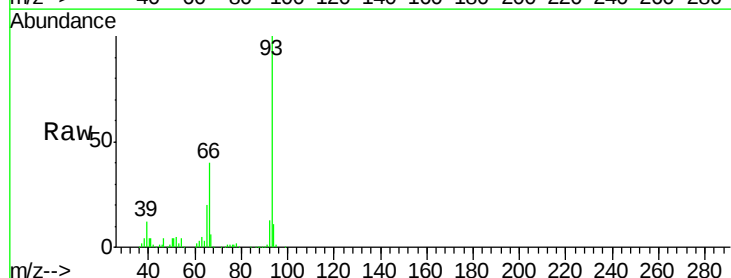
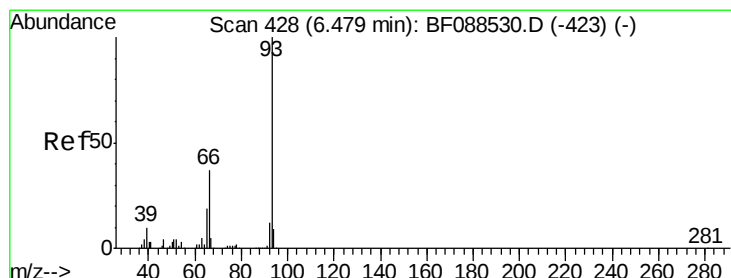
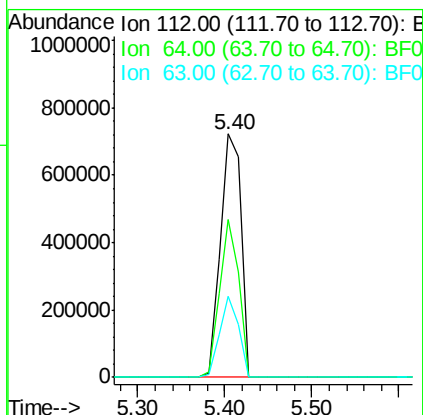
64 64.9 42.2 63.2#

63 33.5 21.8 32.8#

Manual Integrations

SOHIL

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#6

Aniline

Concen: 69.67 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

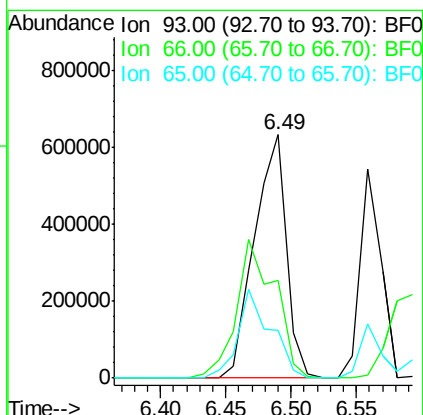
Tgt Ion: 93 Resp: 1088355

Ion Ratio Lower Upper

93 100

66 39.9 29.8 44.8

65 19.9 14.9 22.3





#7

Phenol-d6

Concen: 68.18 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088533.D

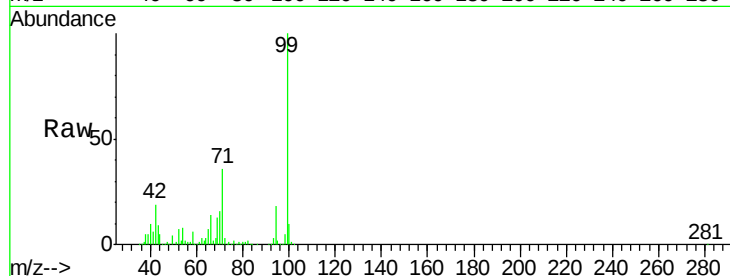
Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 99 Resp: 1426830

Ion Ratio Lower Upper

99 100

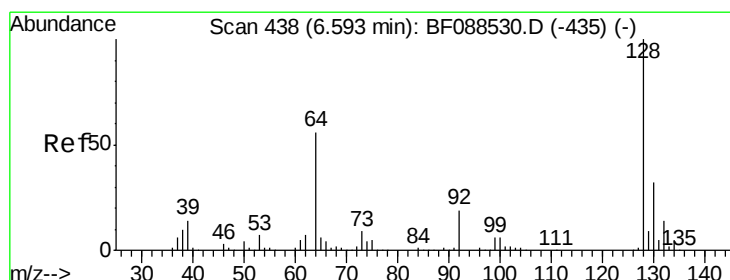
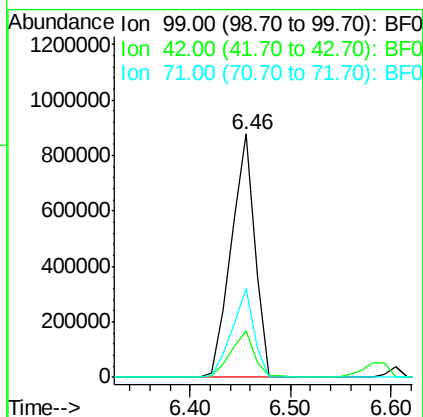
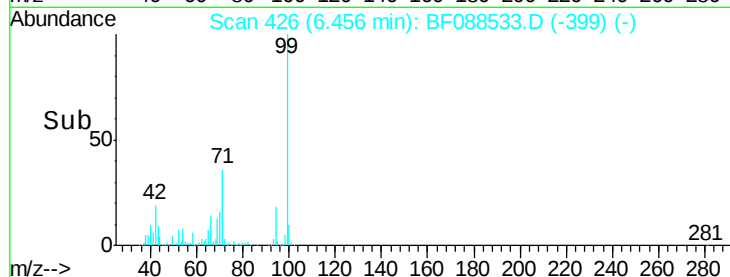
42 19.2 12.2 18.2#

71 36.2 23.4 35.0#

Manual Integrations

SOHIL

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#8

2-Chlorophenol

Concen: 64.64 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

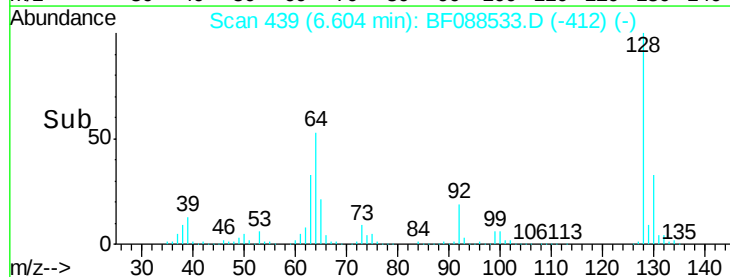
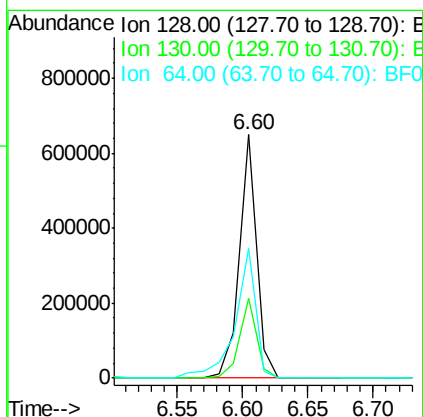
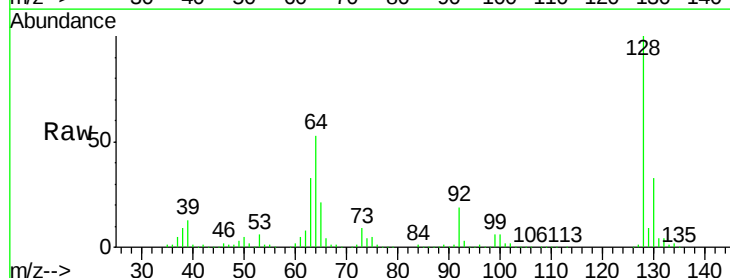
Tgt Ion: 128 Resp: 588591

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 53.2 30.8 70.8





#9

Benzaldehyde

Concen: 116.71 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088533.D

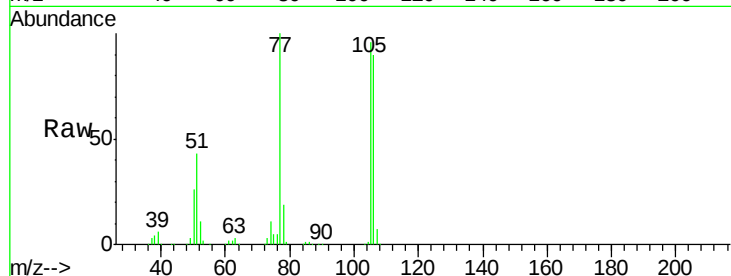
Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

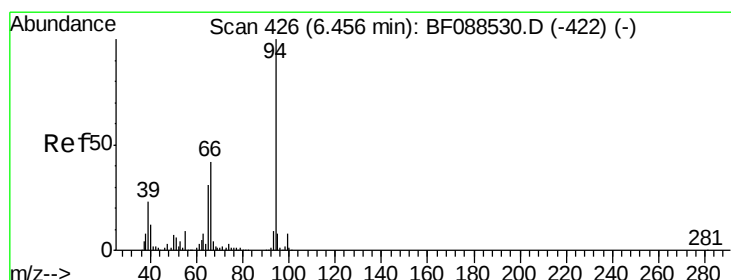
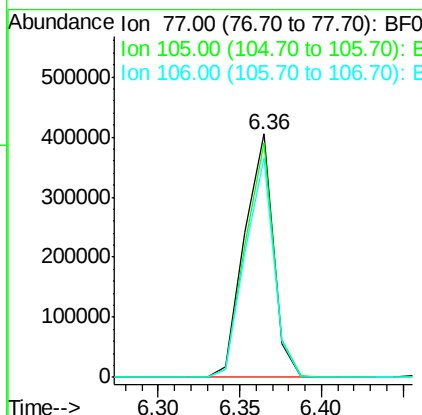
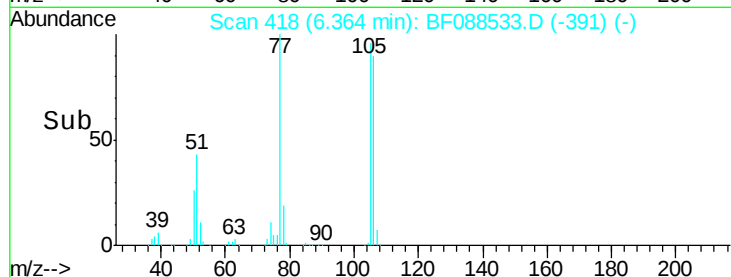


Tgt Ion:	77	Resp:	496580
Ion Ratio	Lower	Upper	
77	100		
105	96.2	90.6	130.6
106	90.2	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 58.57 ng

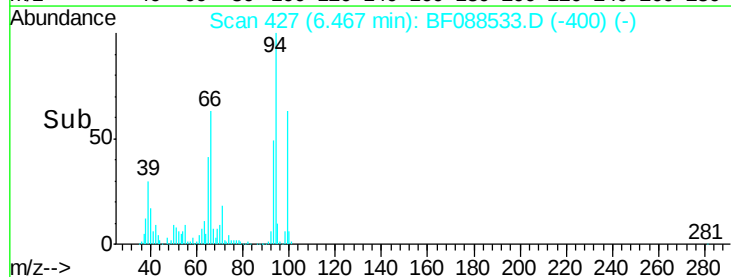
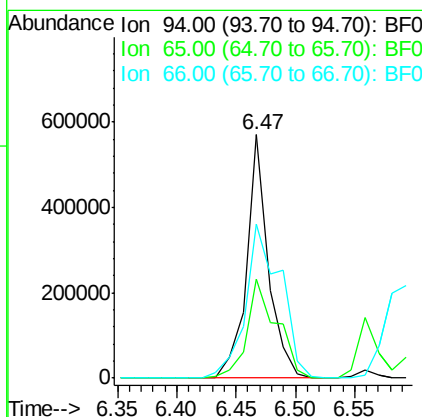
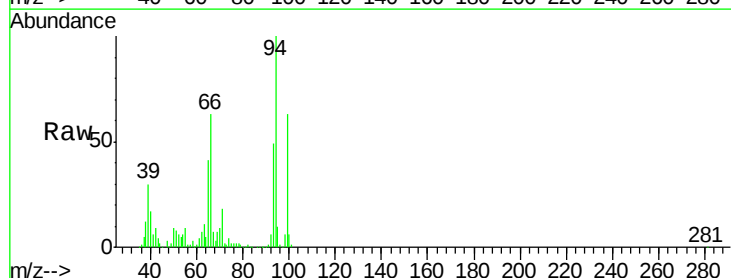
RT: 6.47 min Scan# 427

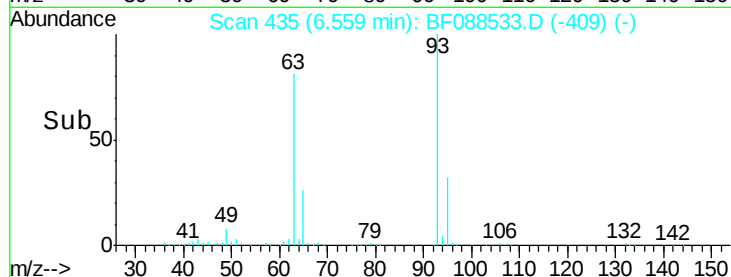
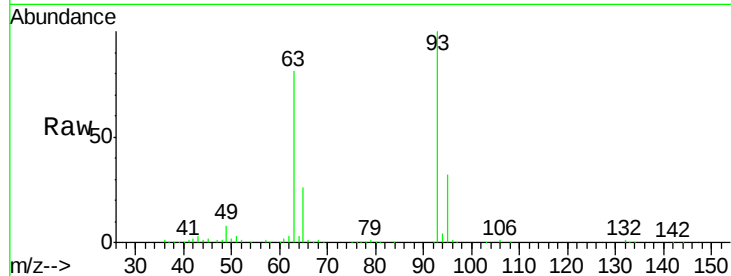
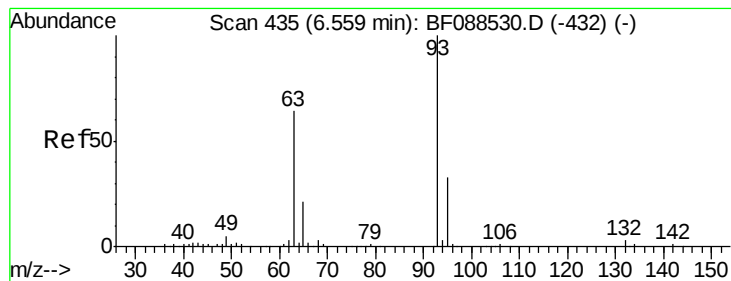
Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion:	94	Resp:	731831
Ion Ratio	Lower	Upper	
94	100		
65	40.7	5.9	45.9
66	63.4	14.0	54.0#





#11

bis(2-Chloroethyl)ether

Concen: 64.62 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion:	93	Resp:	600805
Ion	Ratio	Lower	Upper
93	100		
63	81.2	67.6	107.6
95	31.6	12.5	52.5

Instrument :

BNA_F

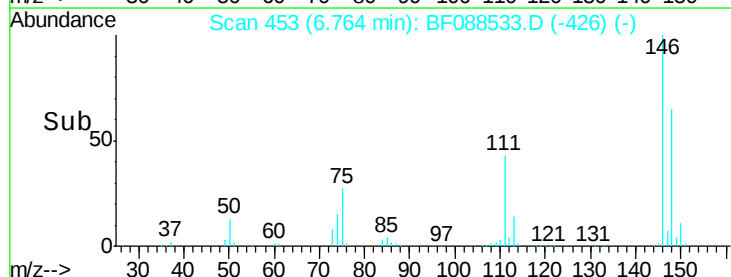
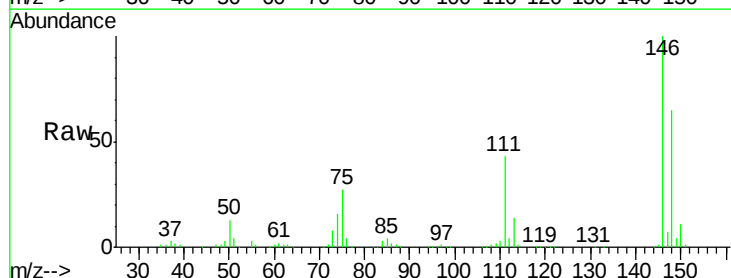
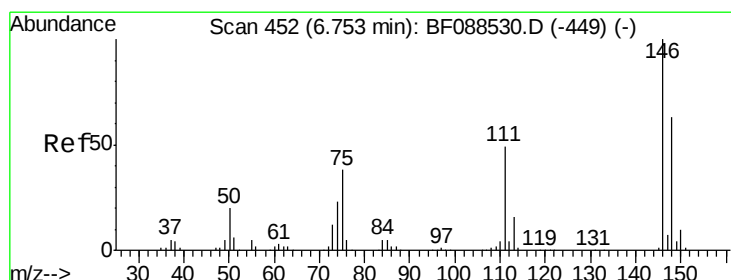
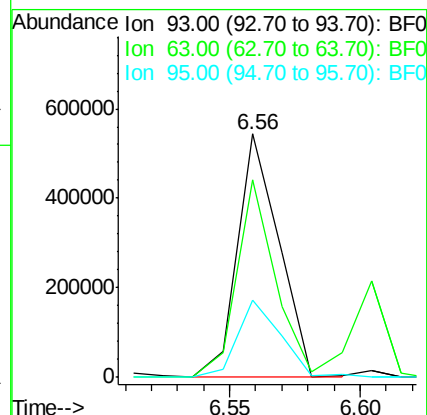
ClientSampleId :

SSTDIC080

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 73.54 ng

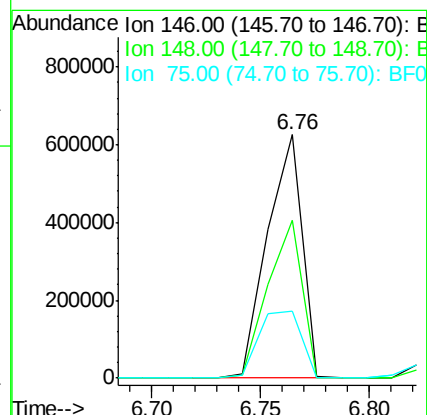
RT: 6.76 min Scan# 453

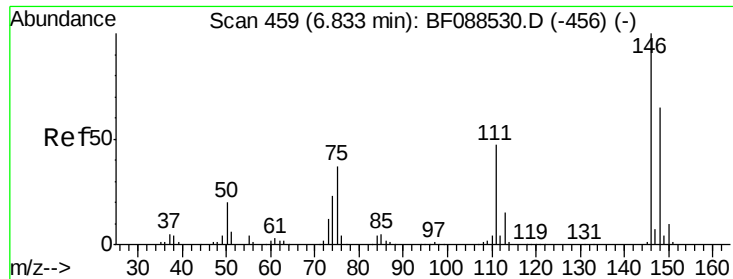
Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion:	146	Resp:	701450
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	27.5	25.6	38.4





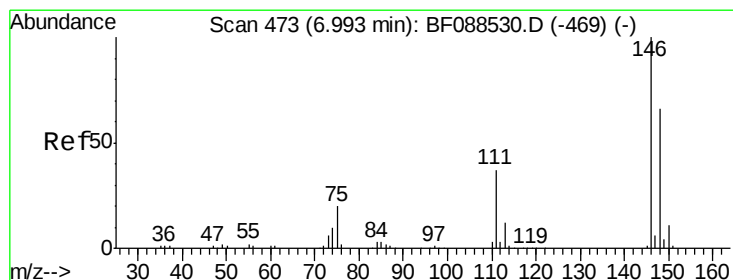
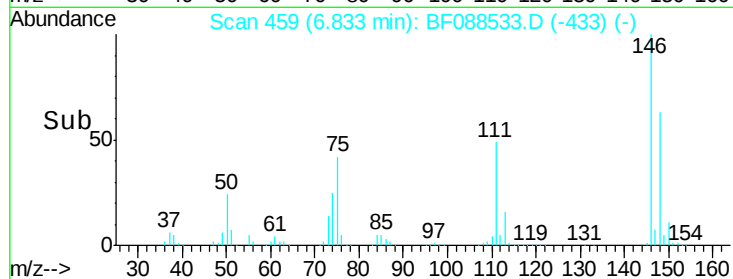
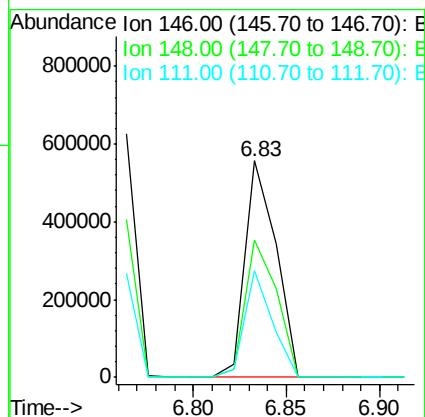
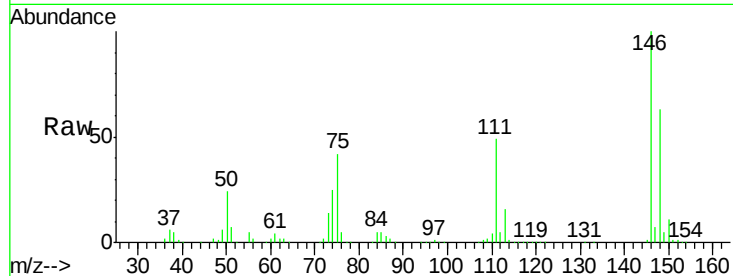
#13
 1,4-Dichlorobenzene
 Concen: 66.92 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:146 Resp: 640395
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 111 49.4 33.8 50.8

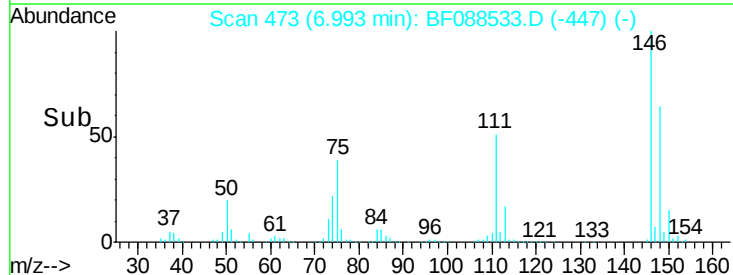
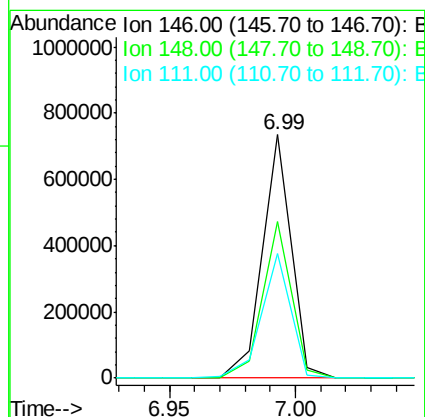
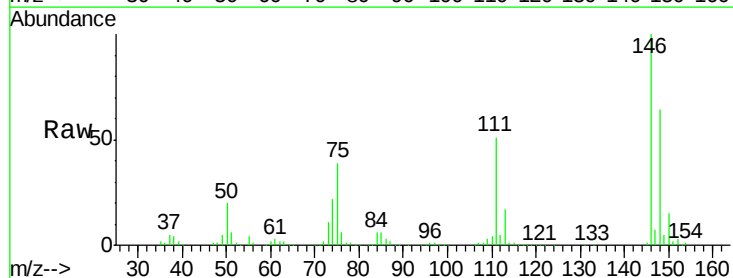
Manual Integrations

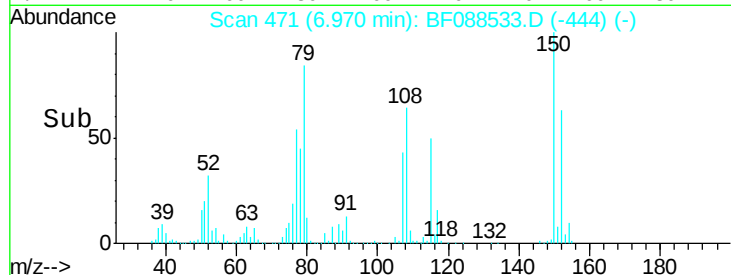
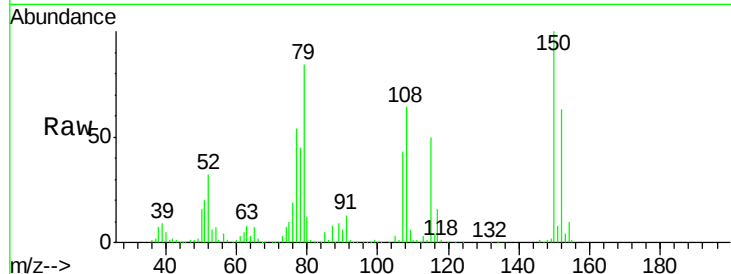
SOHIL
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#14
 1,2-Dichlorobenzene
 Concen: 65.75 ng m
 RT: 6.99 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion:146 Resp: 587025
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 51.0 28.7 43.1#





#15

Benzyl Alcohol

Concen: 66.69 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion:	79	Resp:	565899
Ion	Ratio	Lower	Upper
79	100		
108	75.7	65.0	97.6
77	63.7	50.3	75.5

Instrument :

BNA_F

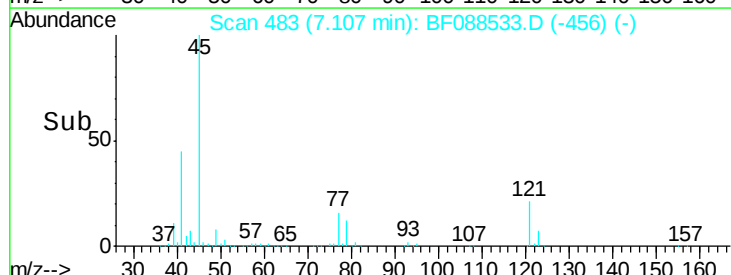
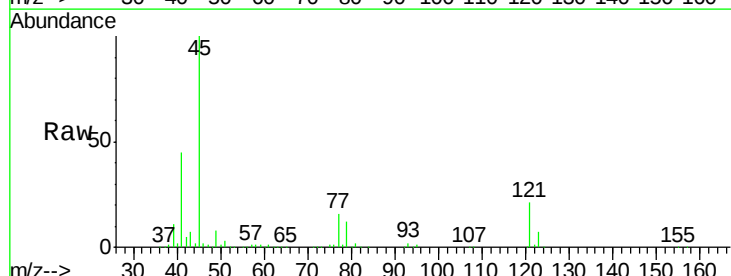
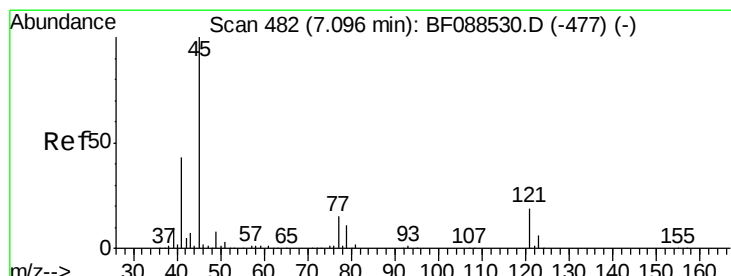
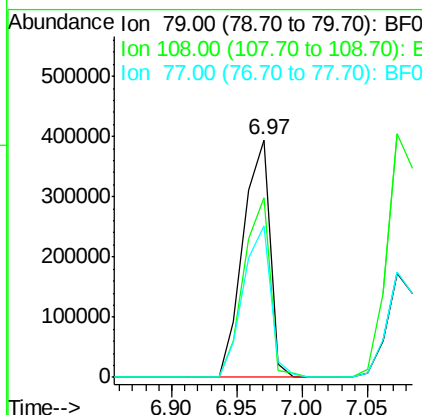
ClientSampleId :

SSTDIC080

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 69.46 ng

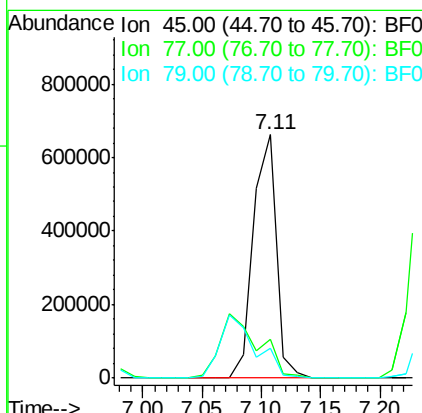
RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

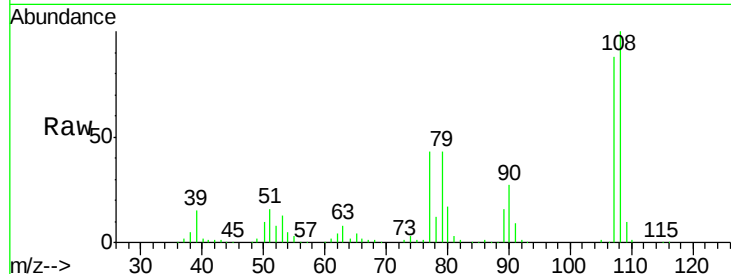
Tgt Ion:	45	Resp:	903742
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	32.5
79	12.3	0.0	29.5





#17
2-Methylphenol
Concen: 71.10 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

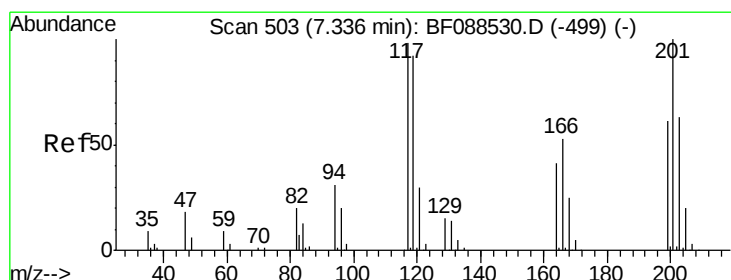
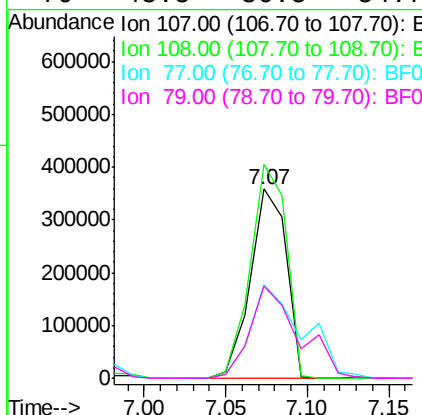
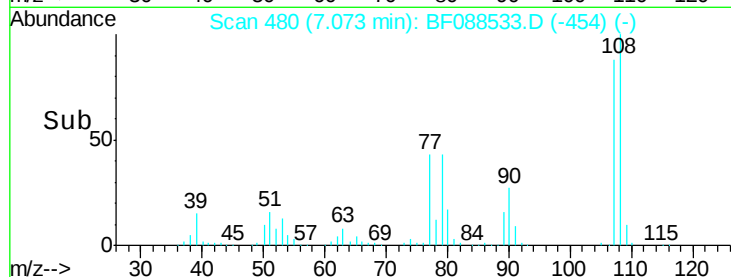
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	546852		
108	113.1	90.9	136.3	
77	49.2	36.6	55.0	
79	48.5	36.5	54.7	

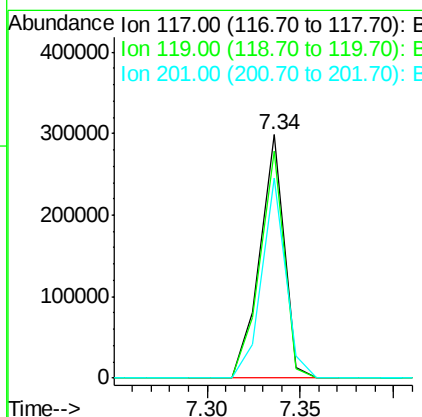
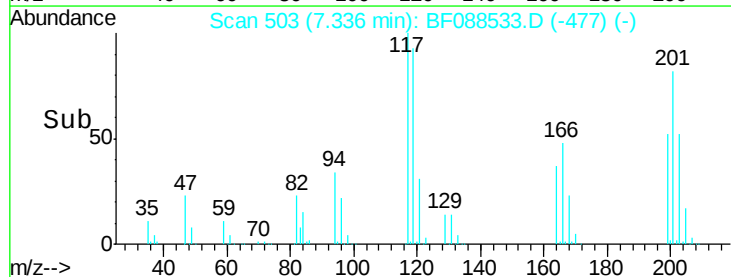
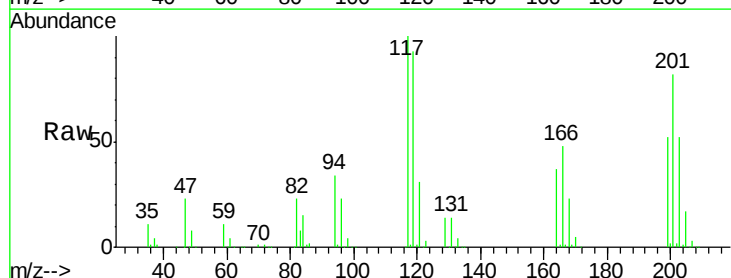
Manual Integrations

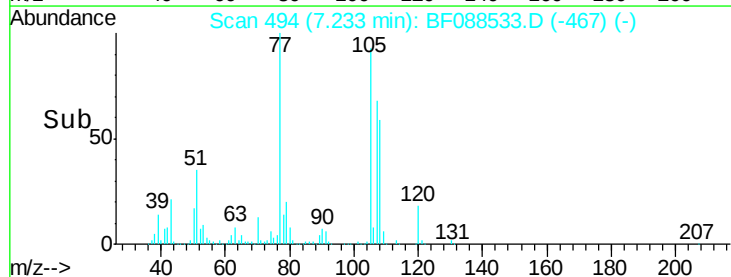
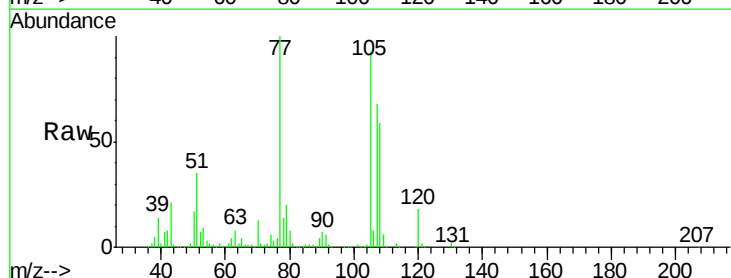
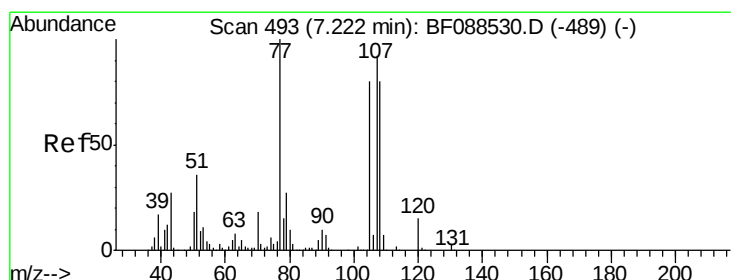
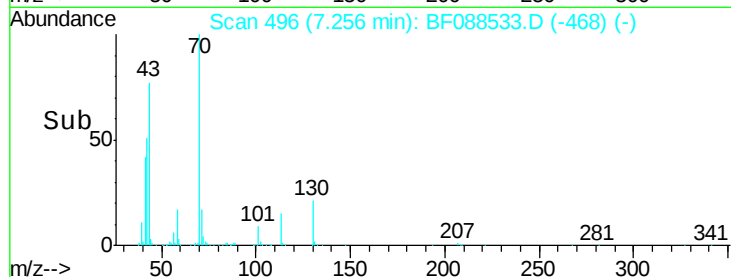
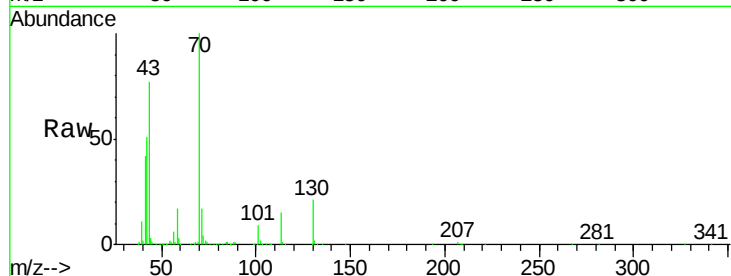
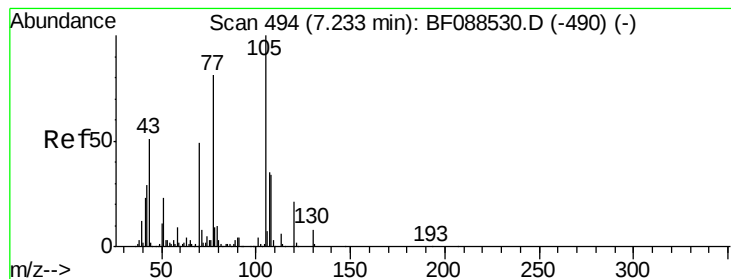
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#18
Hexachloroethane
Concen: 73.03 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	269547		
119	93.0	77.4	116.2	
201	82.1	80.4	120.6	





#19

n-Nitroso-di-n-propylamine

Concen: 70.09 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.02 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 70 Resp: 508563

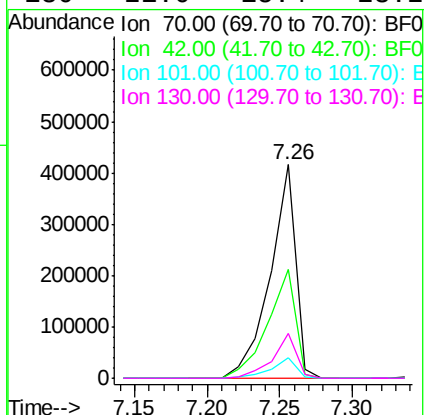
Ion Ratio Lower Upper

70 100

42 51.0 49.6 74.4

101 9.4 7.1 10.7

130 21.0 15.4 23.2



Manual Integrations

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#20

3+4-Methylphenols

Concen: 64.29 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion: 107 Resp: 581320

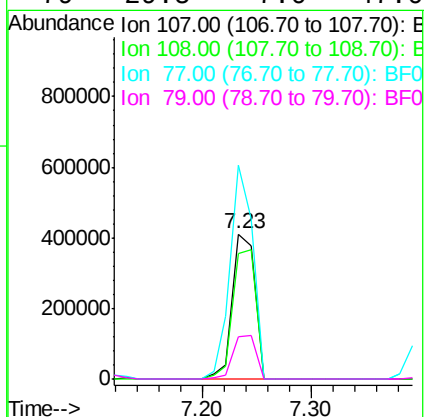
Ion Ratio Lower Upper

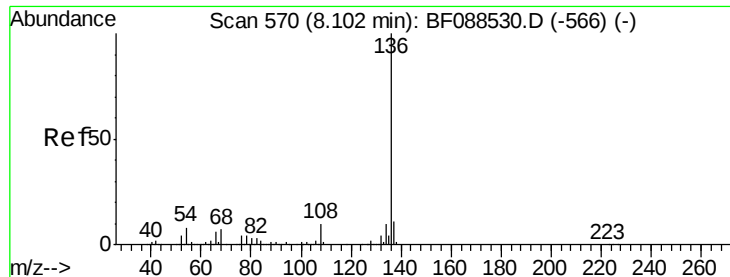
107 100

108 87.0 67.8 107.8

77 147.4 59.3 99.3#

79 29.5 7.0 47.0





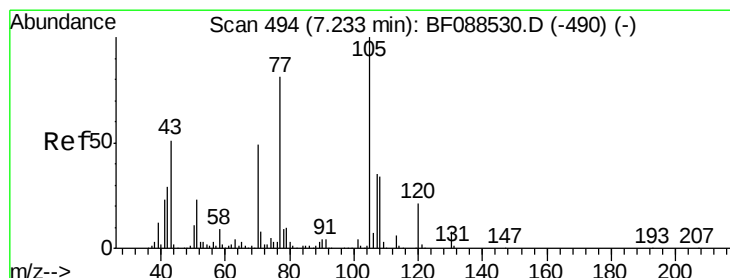
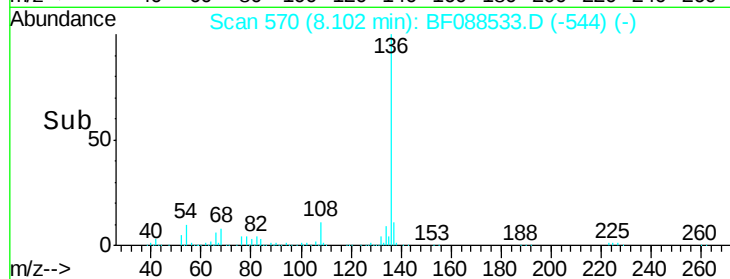
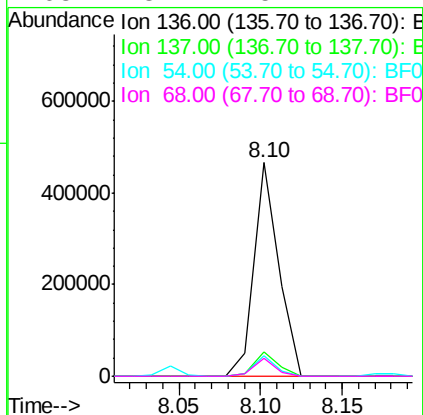
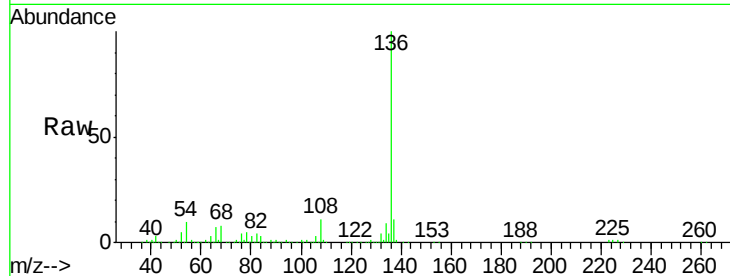
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	488964		
137	11.2	9.1	13.7	
54	9.9	6.6	10.0	
68	8.2	5.1	7.7#	

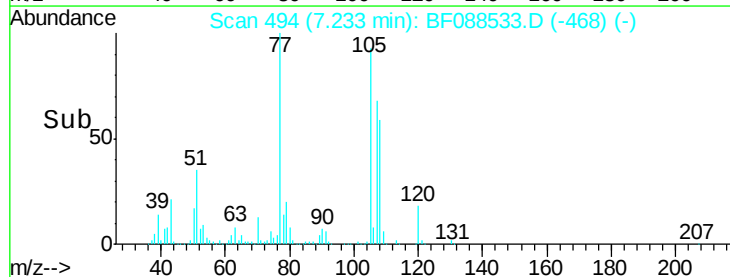
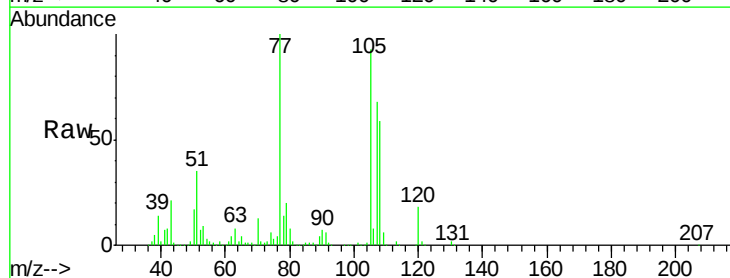
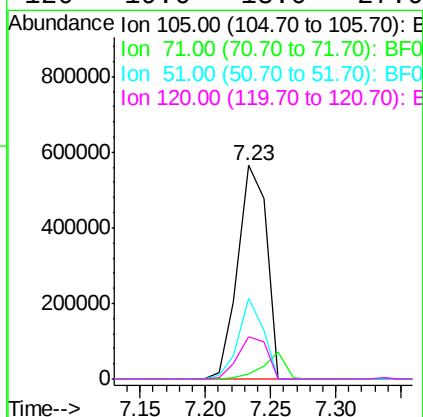
Manual Integrations

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#22
Acetophenone
Concen: 73.28 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	867609		
71	2.3	5.3	7.9#	
51	37.6	18.2	27.4#	
120	19.6	18.0	27.0	





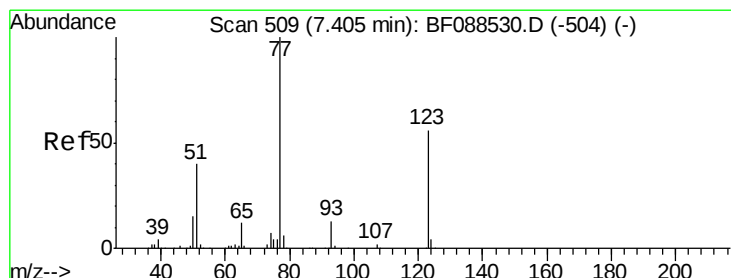
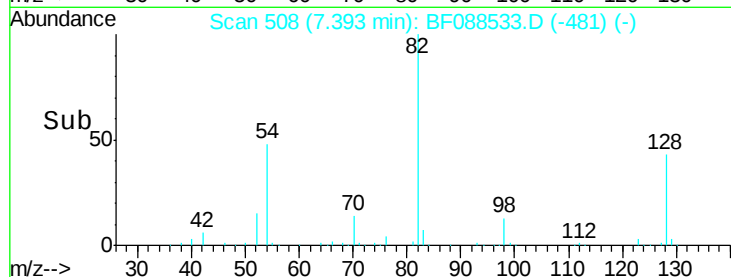
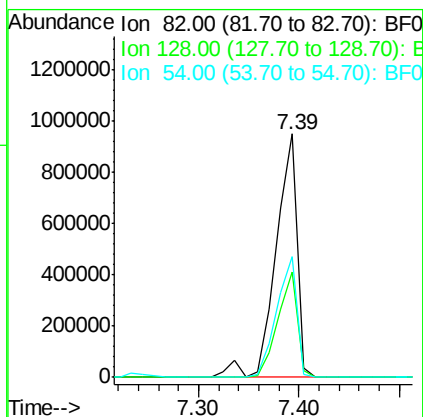
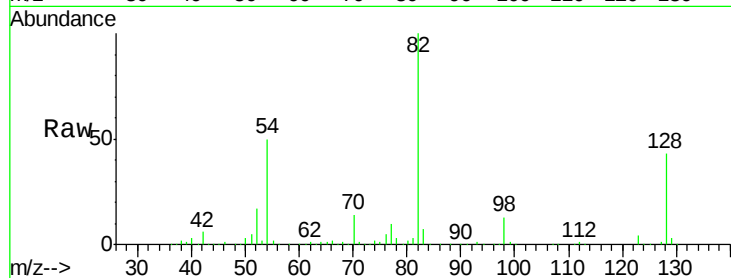
#23
 Nitrobenzene-d5
 Concen: 73.12 ng
 RT: 7.39 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion: 82 Resp: 1387265
 Ion Ratio Lower Upper
 82 100
 128 43.1 35.9 53.9
 54 49.6 40.9 61.3

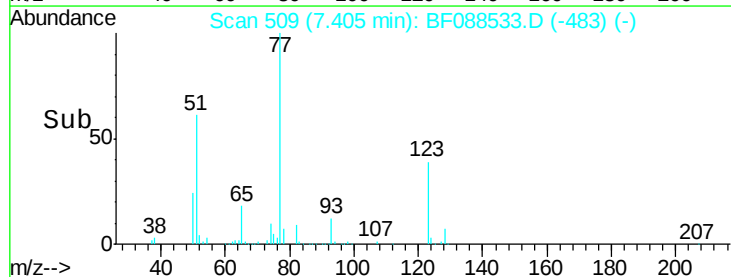
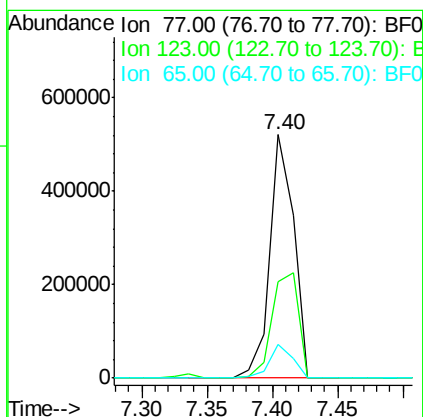
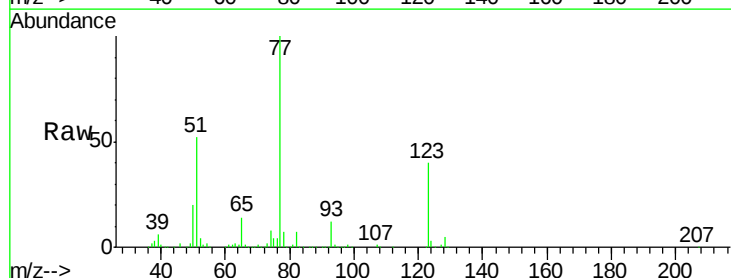
Manual Integrations

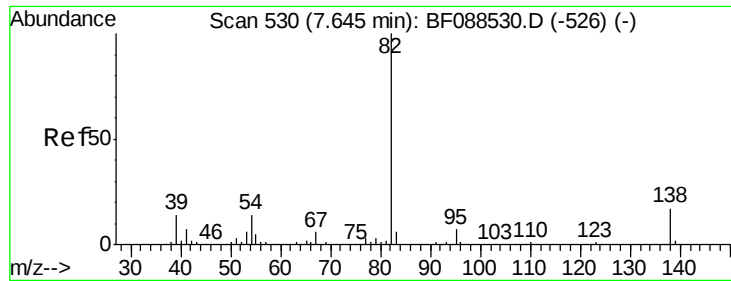
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#24
 Nitrobenzene
 Concen: 68.34 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion: 77 Resp: 672557
 Ion Ratio Lower Upper
 77 100
 123 39.8 45.0 67.4#
 65 14.1 10.2 15.2





#25

Isophorone

Concen: 72.78 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF088533.D

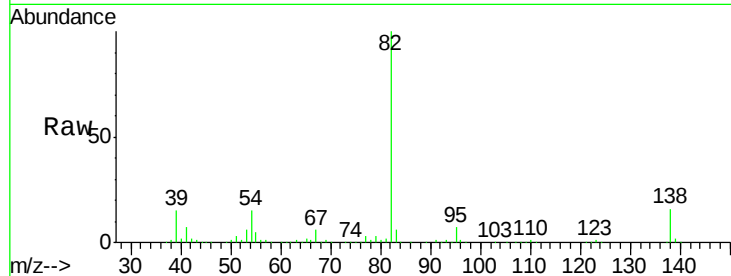
Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 82 Resp: 1342550

Ion Ratio Lower Upper

82 100

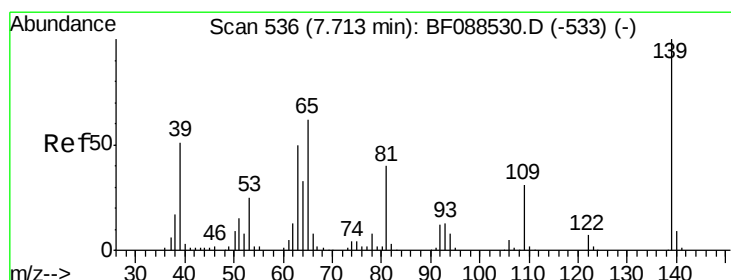
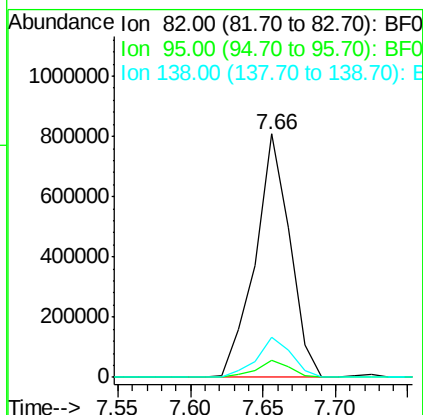
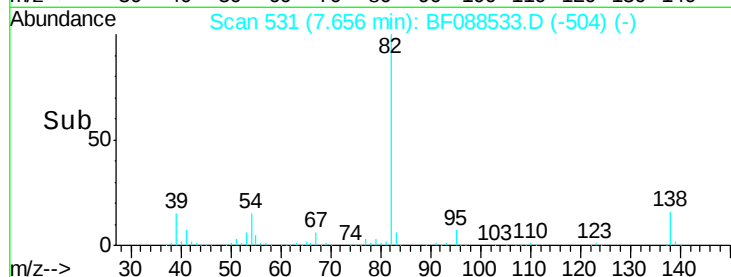
95 6.9 5.4 8.2

138 16.3 14.6 21.8

Manual Integrations

SOHIL

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#26

2-Nitrophenol

Concen: 87.77 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

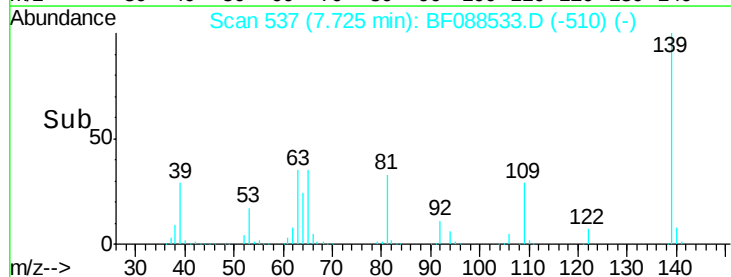
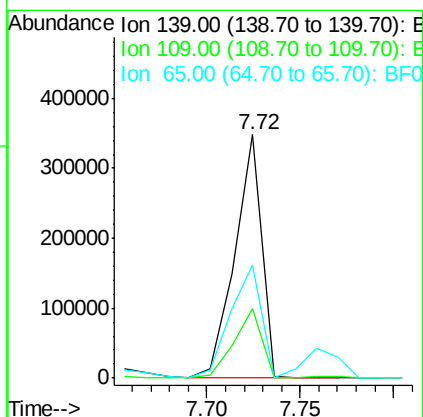
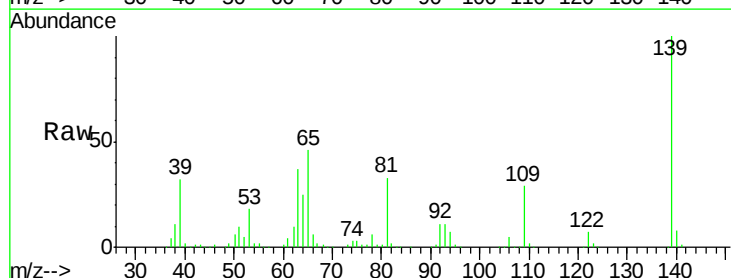
Tgt Ion: 139 Resp: 351261

Ion Ratio Lower Upper

139 100

109 28.8 23.0 34.4

65 46.3 45.8 68.8





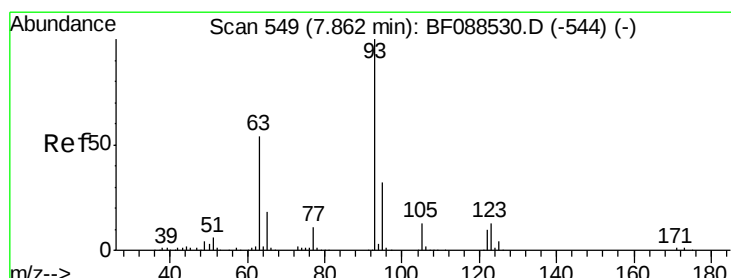
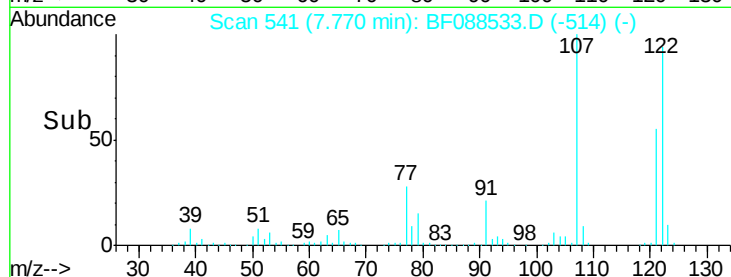
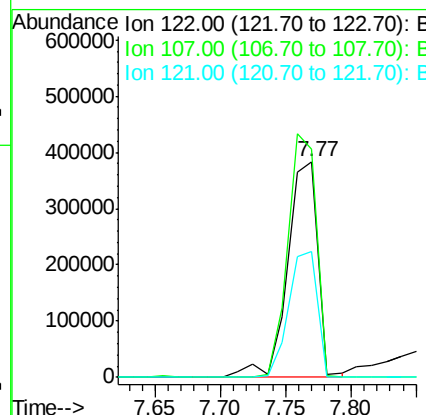
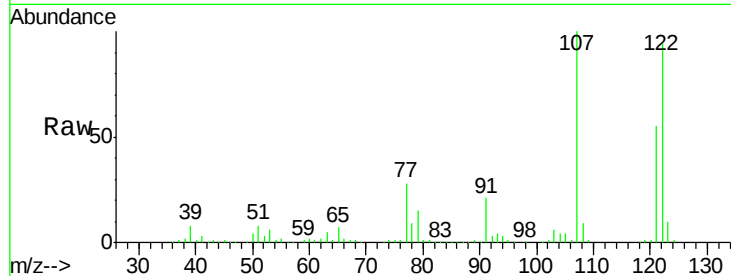
#27
2,4-Dimethylphenol
Concen: 76.34 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.8	82.4	123.6
121	58.4	46.3	69.5

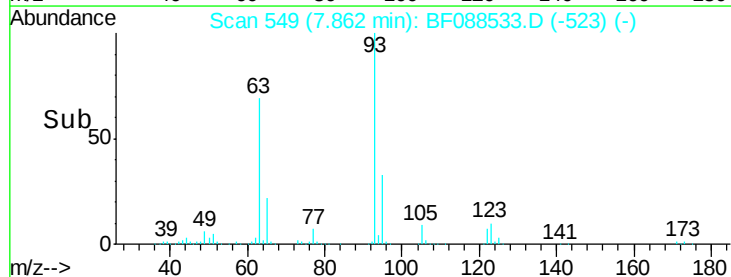
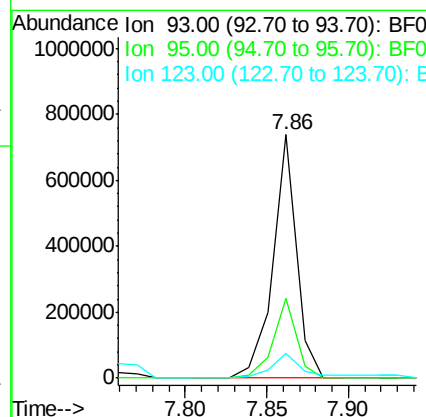
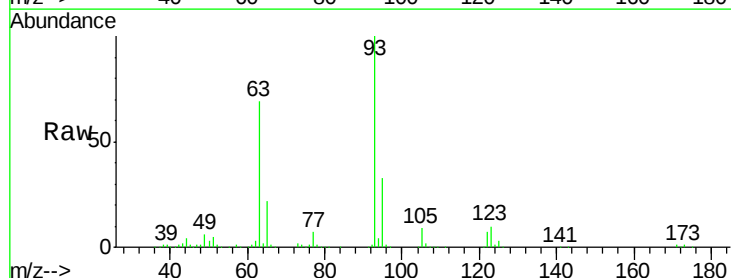
Manual Integrations

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#28
bis(2-Chloroethoxy)methane
Concen: 65.17 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.3	11.6	17.4#





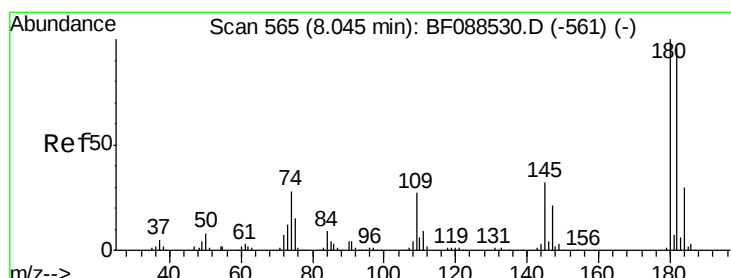
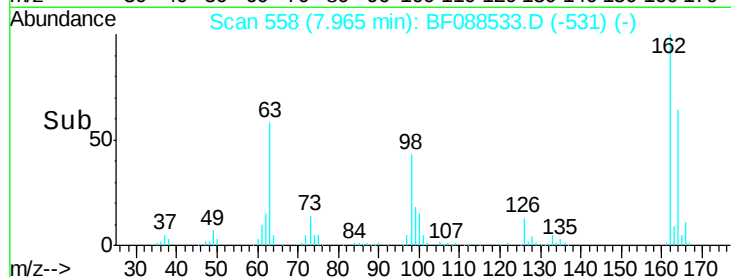
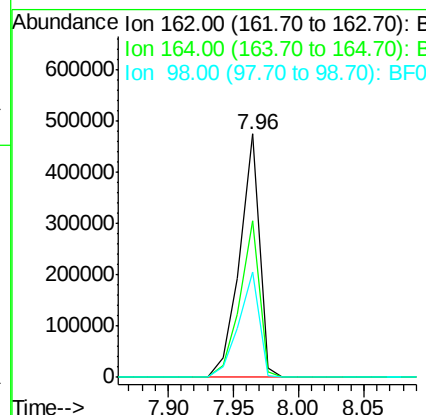
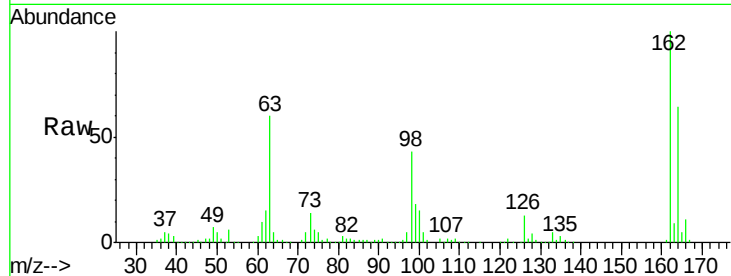
#29
2,4-Dichlorophenol
Concen: 73.87 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	500109		
164	64.3	43.8	83.8	
98	43.0	21.3	61.3	

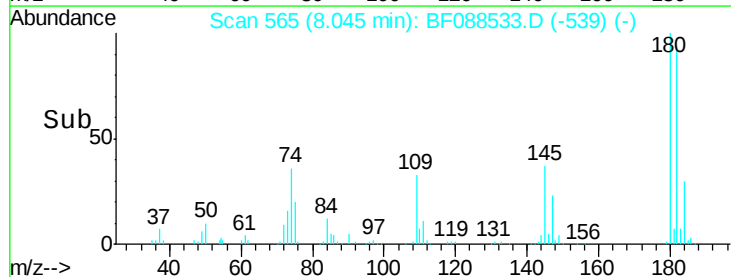
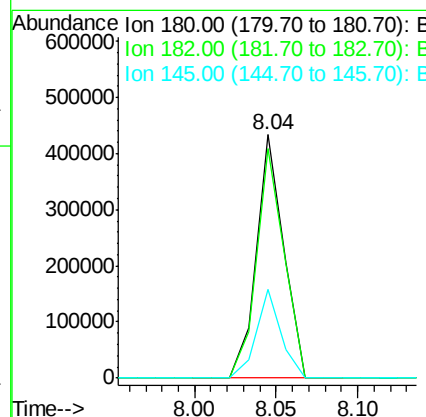
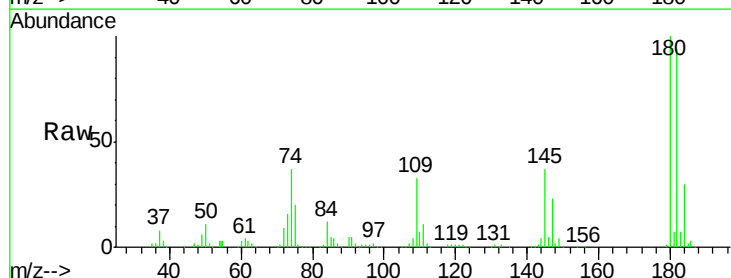
Manual Integrations

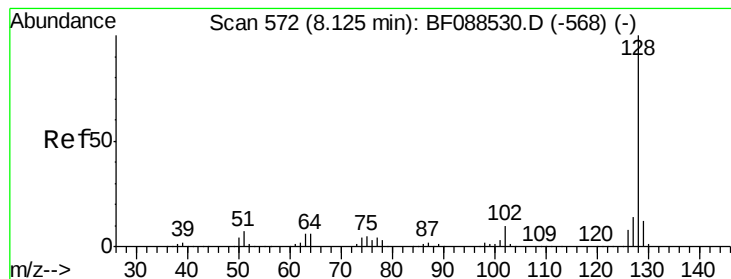
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#30
1,2,4-Trichlorobenzene
Concen: 70.10 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	501798		
182	94.3	76.0	114.0	
145	36.7	26.5	39.7	





#31

Naphthalene

Concen: 68.83 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:128 Resp: 1654708

Ion Ratio Lower Upper

128 100

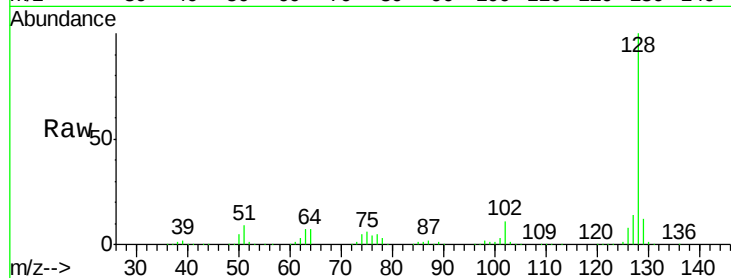
129 12.0 9.4 14.2

127 13.9 10.9 16.3

Manual Integrations

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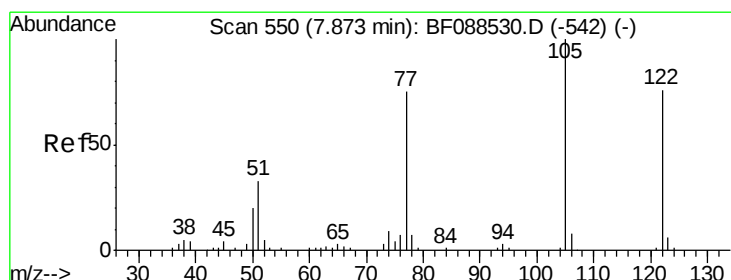
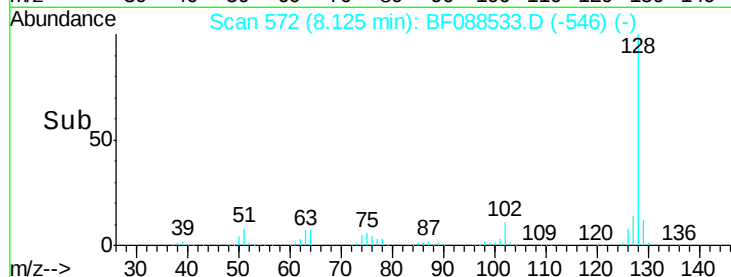
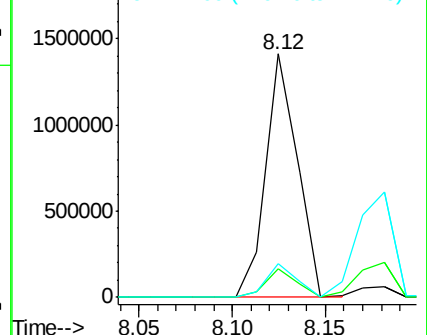
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 119.72 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.06 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

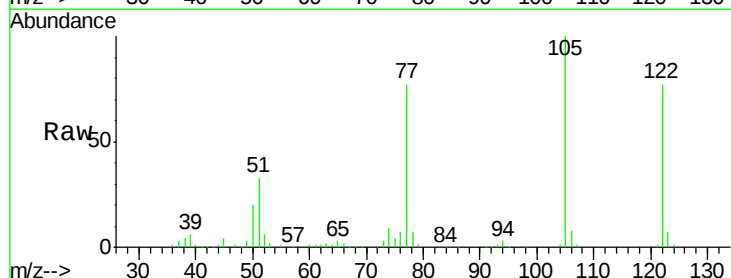
Tgt Ion:122 Resp: 527034

Ion Ratio Lower Upper

122 100

105 130.7 101.6 141.6

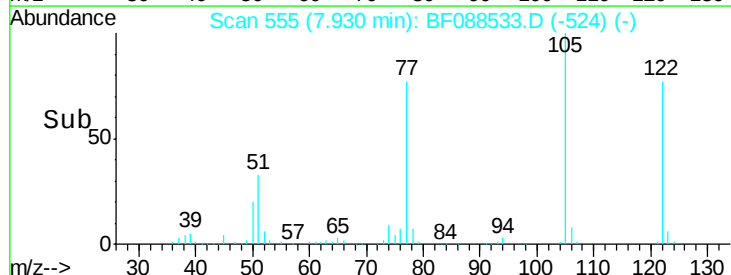
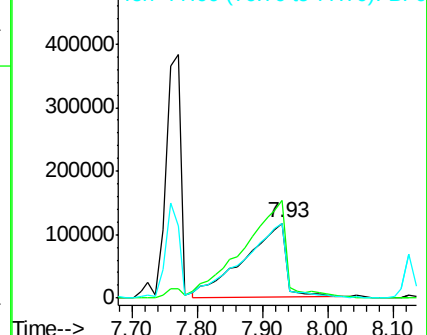
77 100.4 70.6 110.6

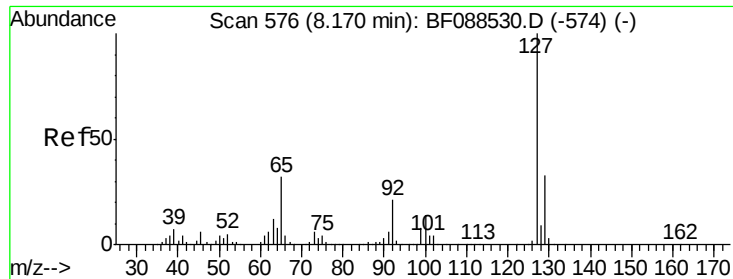


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





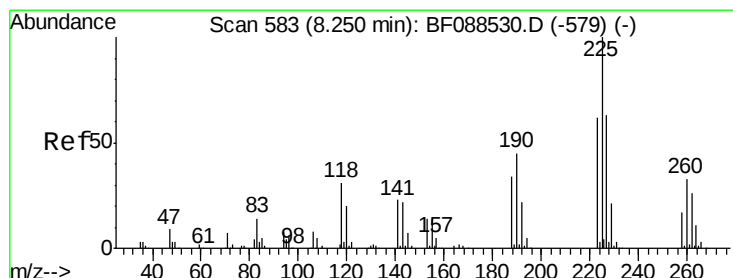
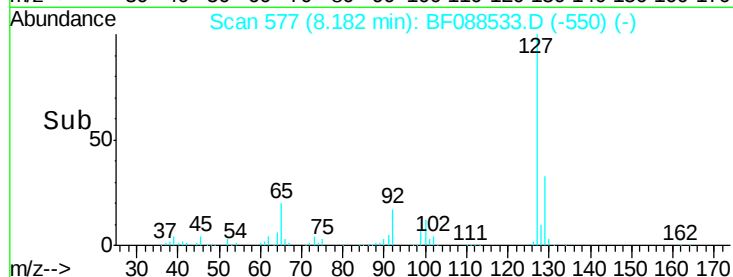
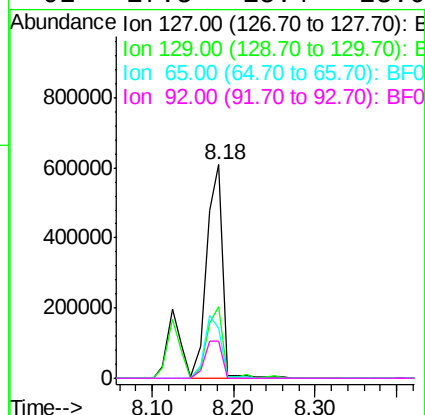
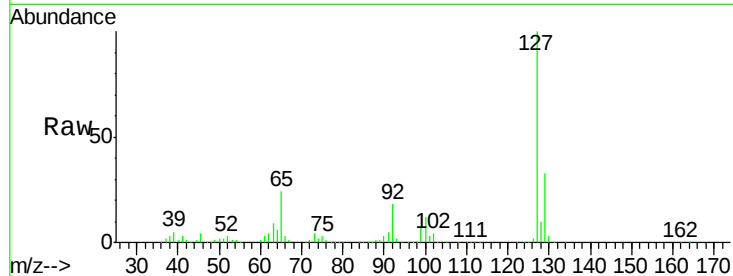
#33
4-Chloroaniline
Concen: 78.89 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	833429		
129	33.4	26.3	39.5	
65	23.6	24.7	37.1	
92	17.5	15.4	23.0	

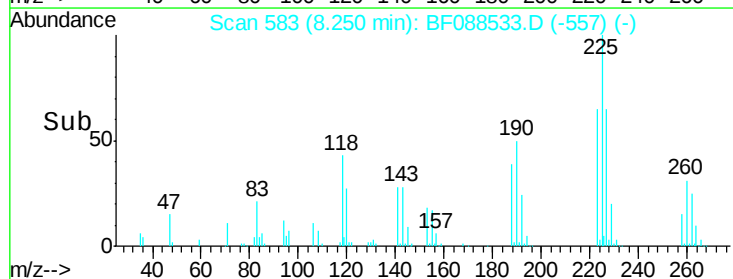
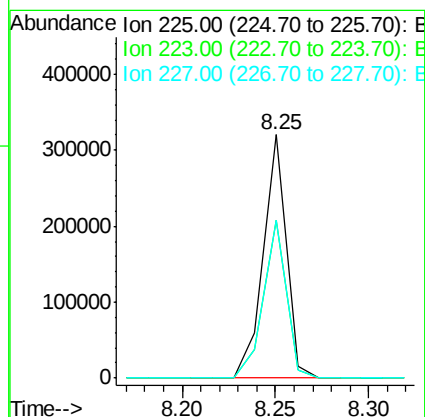
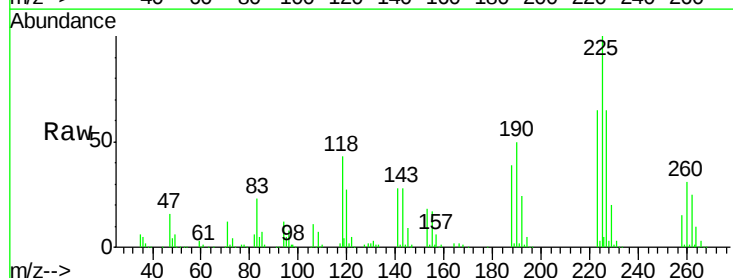
Manual Integrations

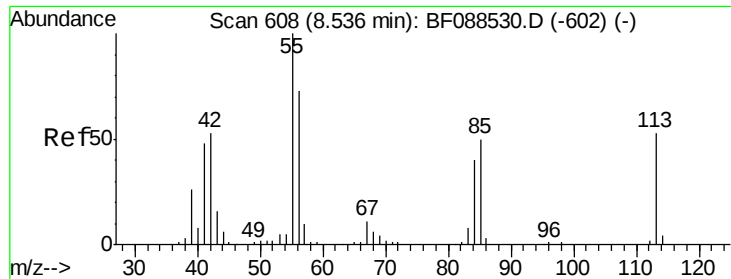
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#34
Hexachlorobutadiene
Concen: 71.75 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	272244		
223	64.9	50.9	76.3	
227	64.6	51.9	77.9	





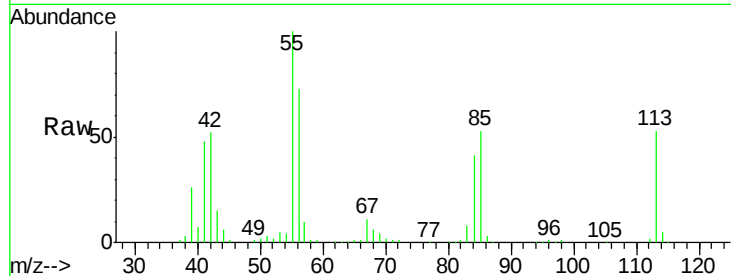
#35
 Caprolactam
 Concen: 72.93 ng
 RT: 8.57 min Scan# 611
 Delta R.T. 0.03 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

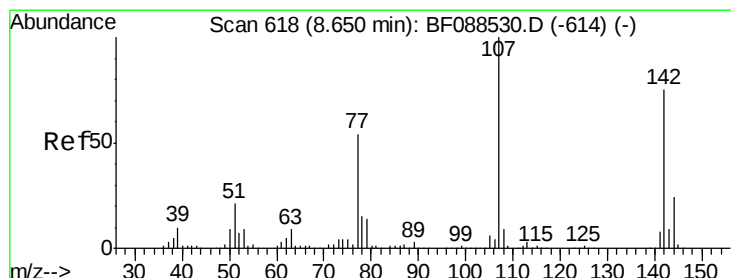
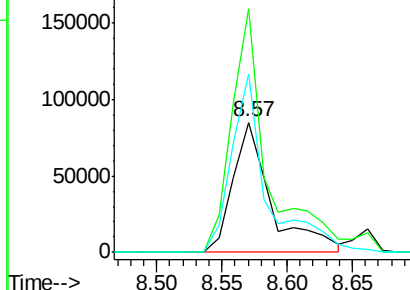
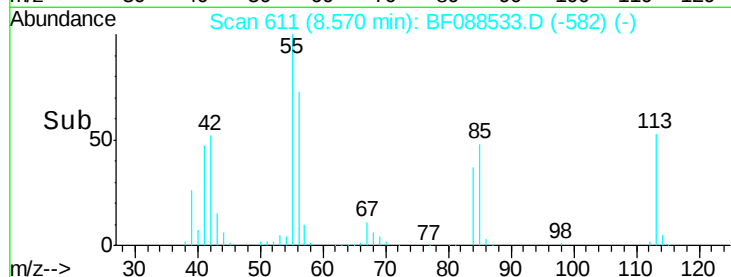
Tgt Ion:113 Resp: 174636
 Ion Ratio Lower Upper
 113 100
 55 187.3 158.6 198.6
 56 137.4 110.6 150.6

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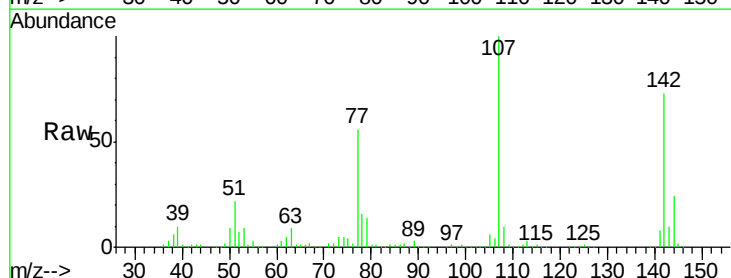


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

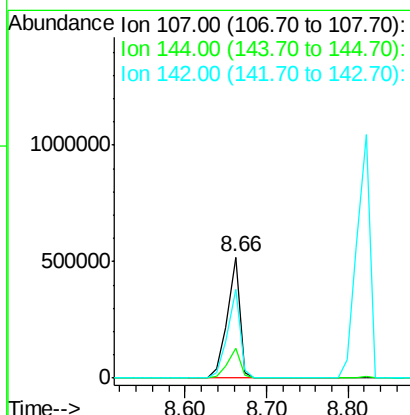
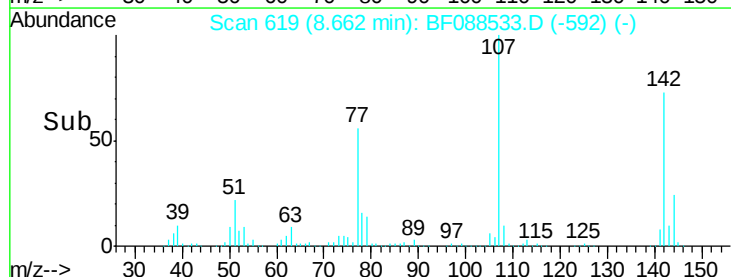


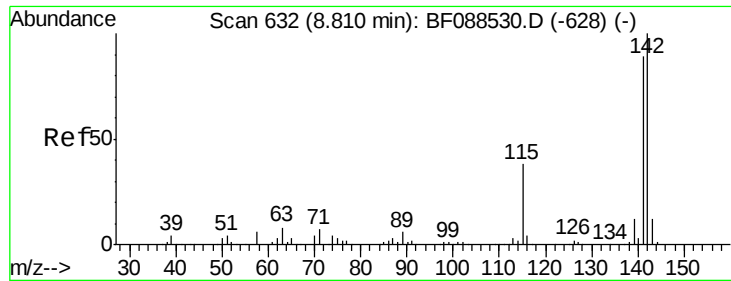
#36
 4-Chloro-3-methylphenol
 Concen: 72.14 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion:107 Resp: 553683
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.8 31.2
 142 72.9 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





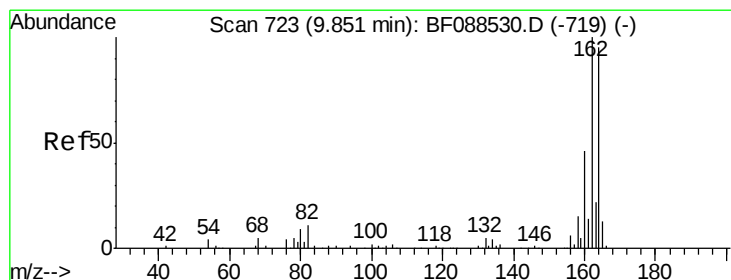
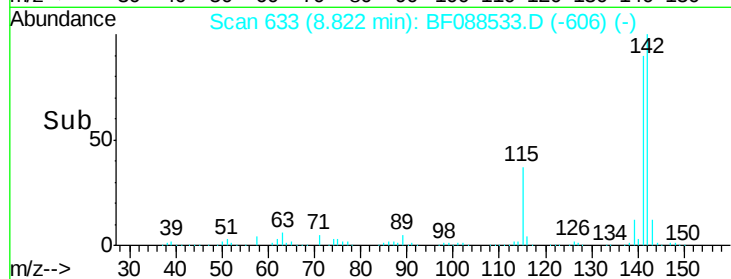
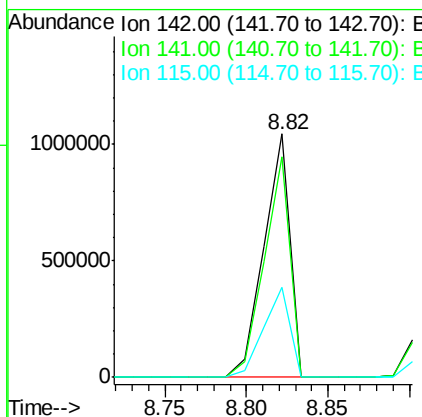
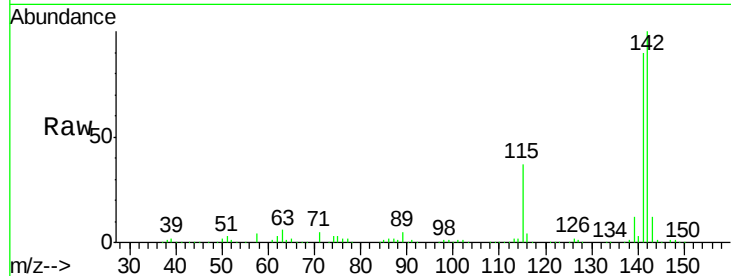
#37
 2-Methylnaphthalene
 Concen: 72.55 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:142 Resp: 1156760
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 37.1 22.6 33.8#

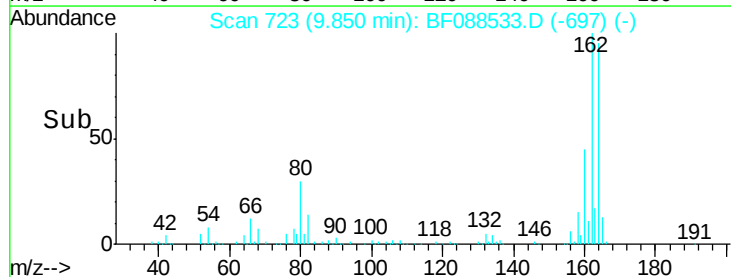
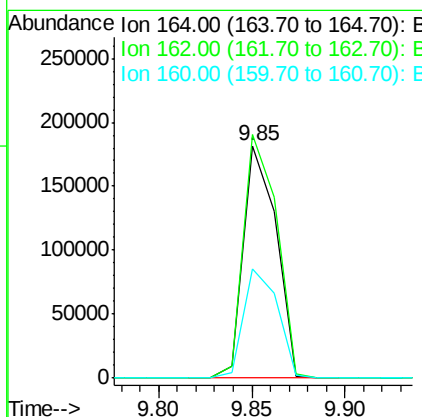
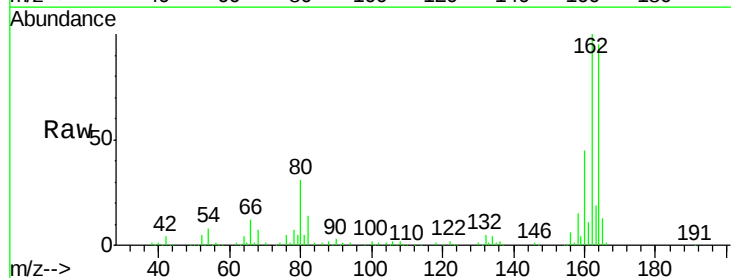
Manual Integrations

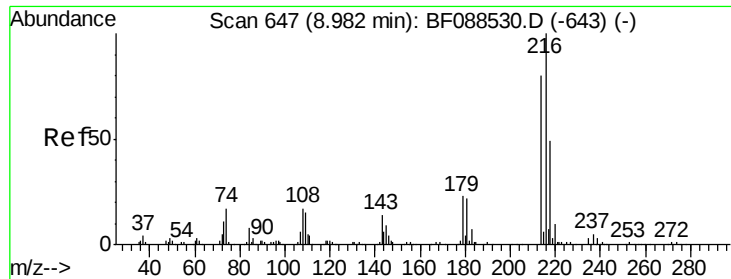
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion:164 Resp: 221247
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.4 128.2
 160 47.0 39.5 59.3





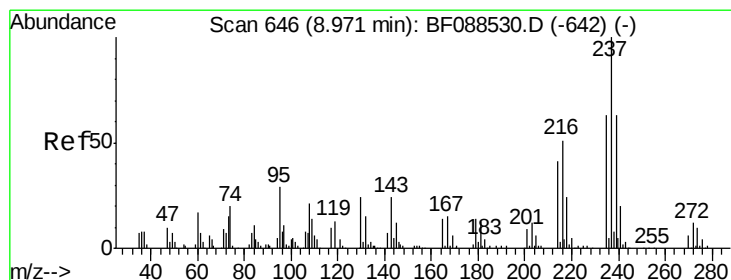
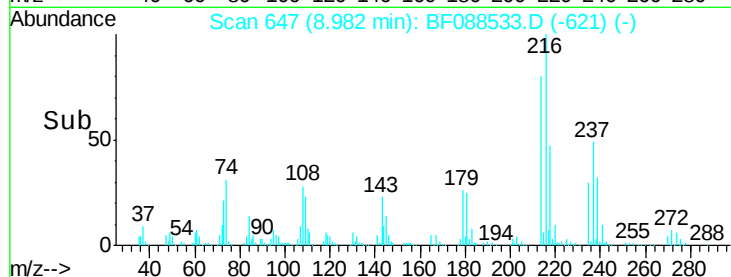
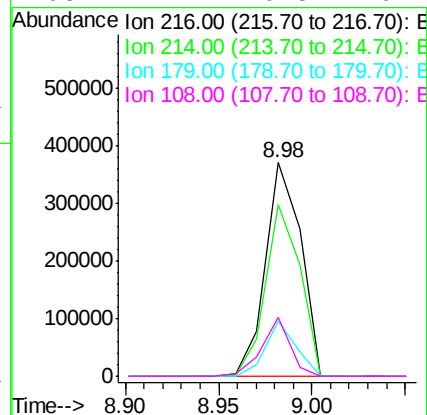
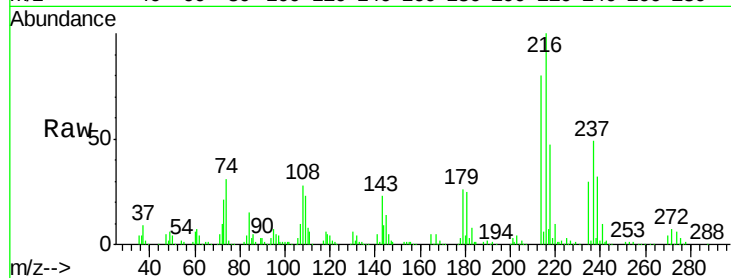
#39
1,2,4,5-Tetrachlorobenzene
Concen: 79.83 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	2.9	4.3#
179	22.4	0.0	0.0#
108	22.2	0.5	0.7#

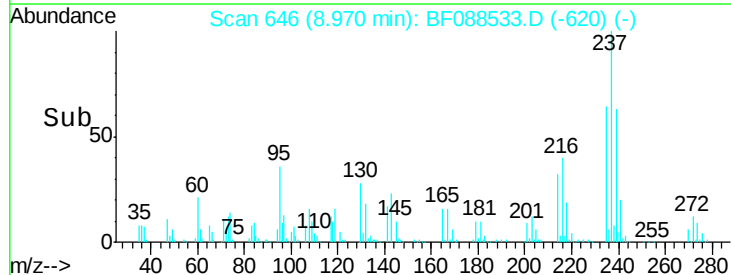
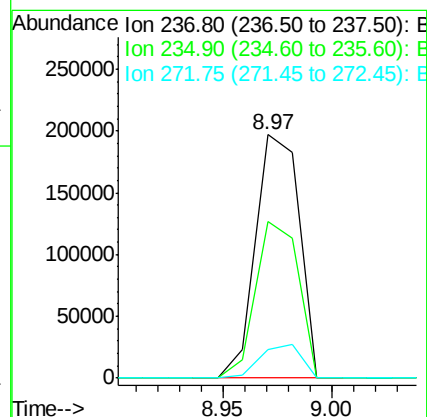
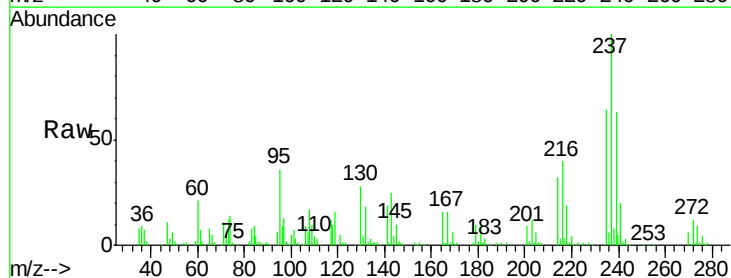
Manual Integrations

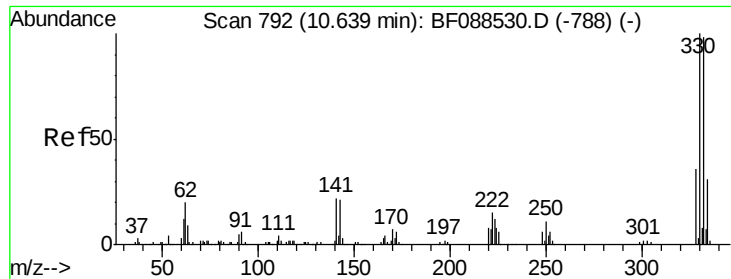
SOHIL
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#40
Hexachlorocyclopentadiene
Concen: 70.50 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.2	43.4	83.4
272	11.9	0.0	32.3





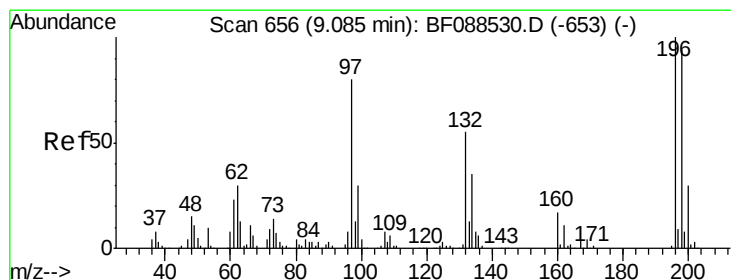
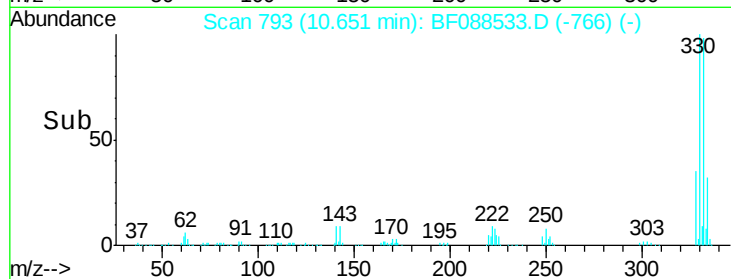
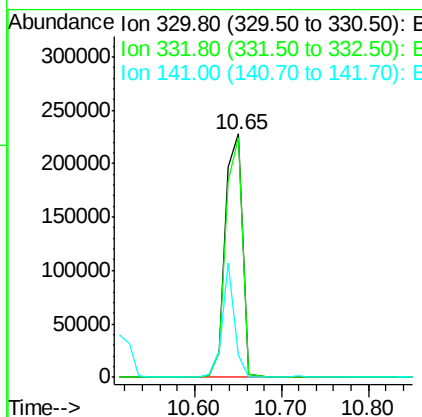
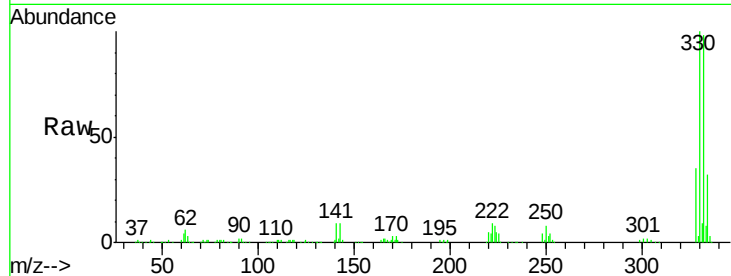
#41
 2,4,6-Tribromophenol
 Concen: 78.90 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	313391		
332	96.0	0.0	0.0	0.0
141	34.2	0.0	0.0	0.0

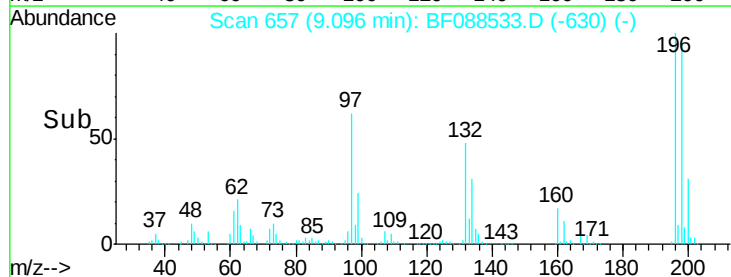
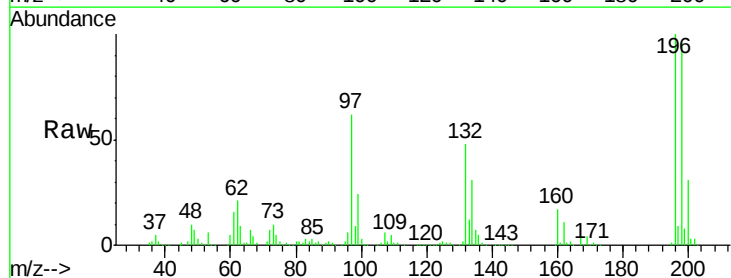
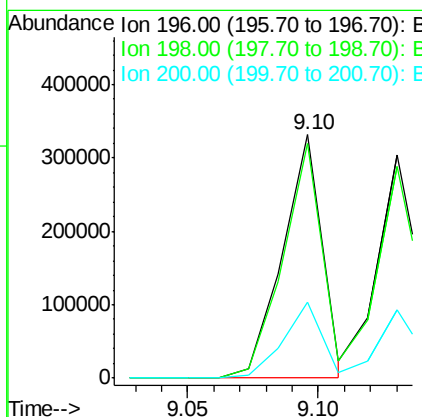
Manual Integrations

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#42
 2,4,6-Trichlorophenol
 Concen: 72.31 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349962		
198	96.2	78.0	117.0	
200	31.0	25.4	38.2	





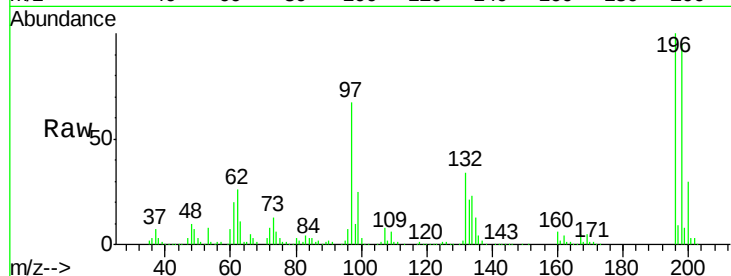
#43
 2,4,5-Trichlorophenol
 Concen: 60.93 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272283		
198	95.1	77.5	116.3	
97	66.7	32.0	48.0	
132	33.9	20.9	31.3	

Manual Integrations

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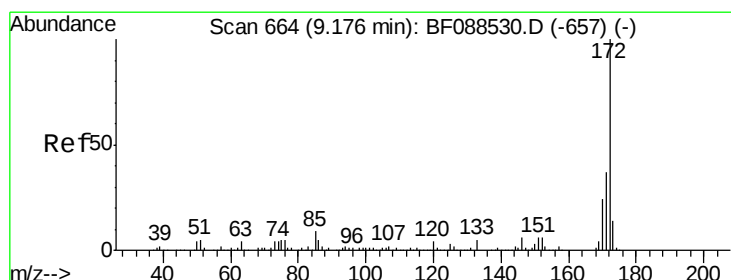
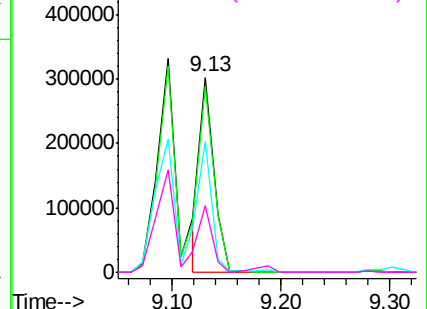
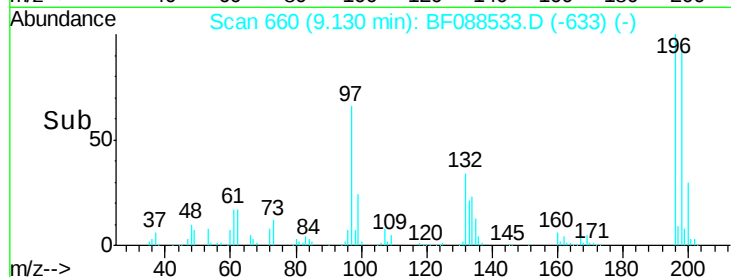
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

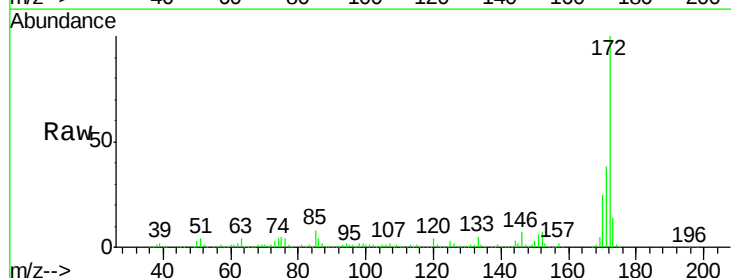
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.41 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1868037		
171	37.7	28.6	43.0	
170	25.5	19.2	28.8	

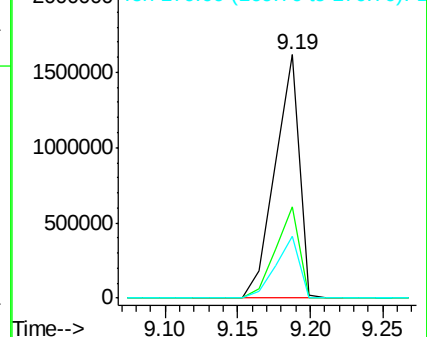
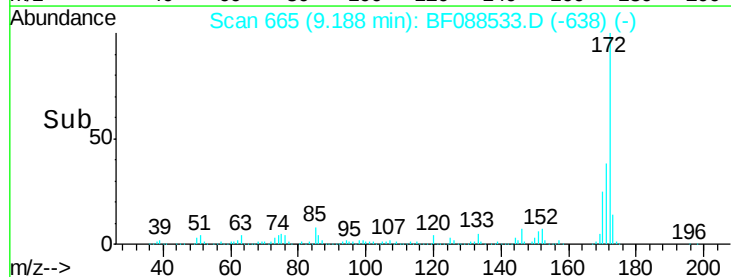


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 77.45 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 1359022

Ion Ratio Lower Upper

154 100

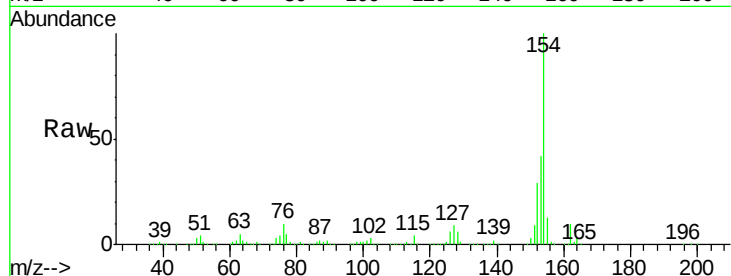
153 41.6 20.6 60.6

76 10.3 0.0 35.1

Manual Integrations

SOHIL

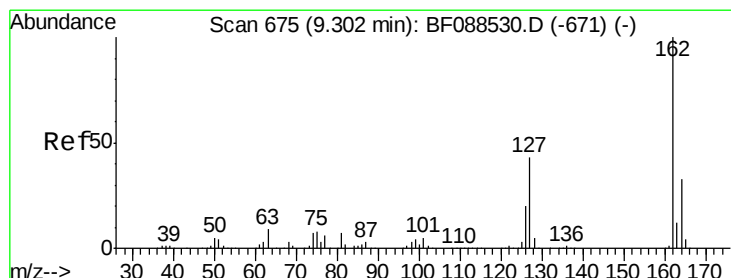
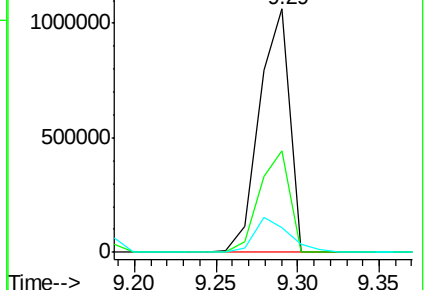
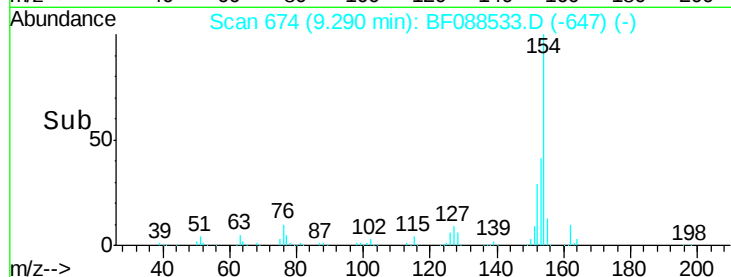
7/1/2016 8:06:57 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 71.73 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

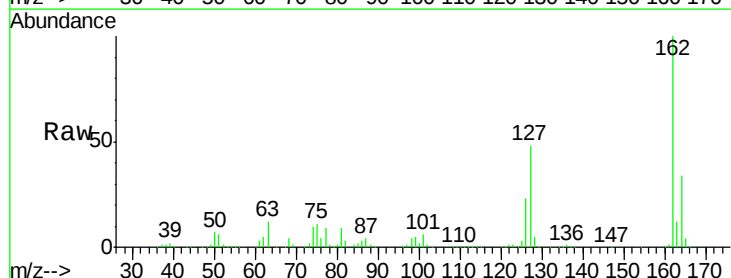
Tgt Ion:162 Resp: 1014064

Ion Ratio Lower Upper

162 100

127 48.0 35.2 52.8

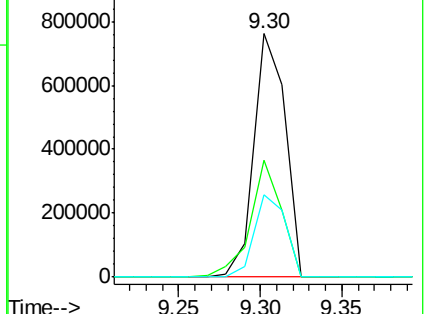
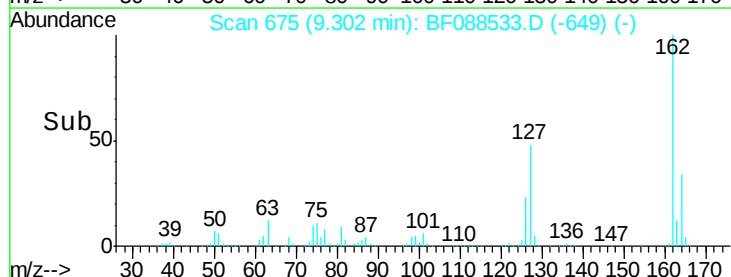
164 33.6 26.6 39.8

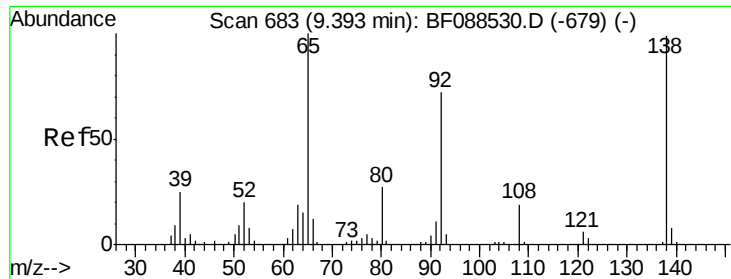


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





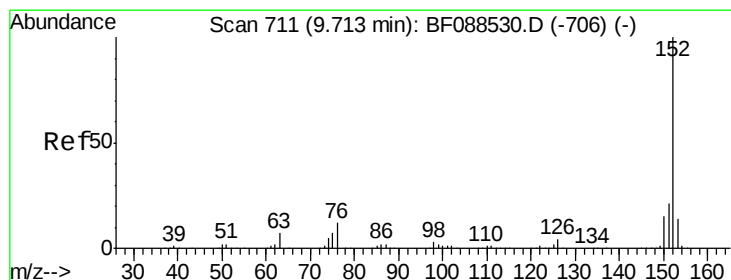
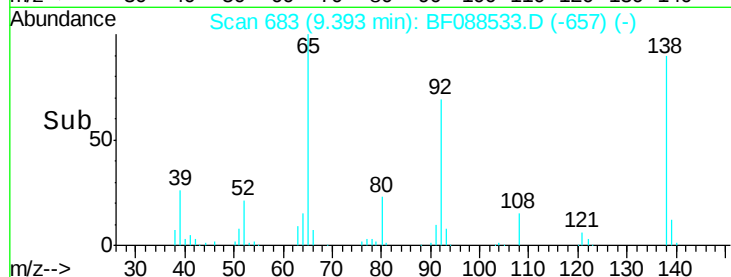
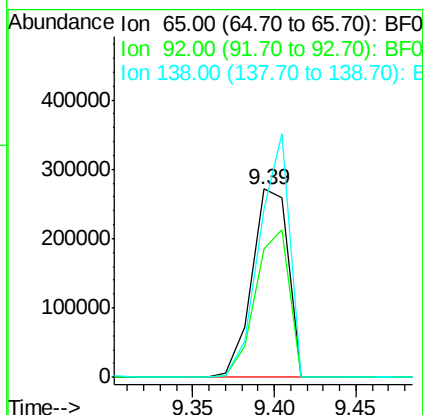
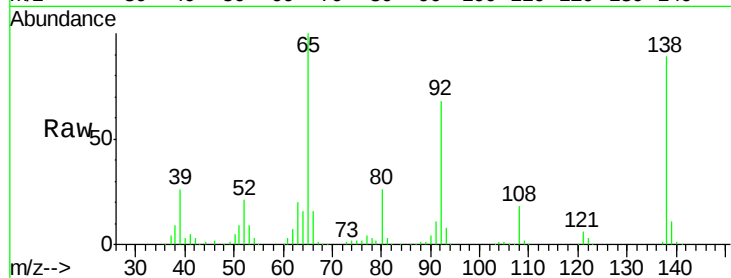
#47
2-Nitroaniline
Concen: 87.02 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 417768
Ion Ratio Lower Upper
65 100
92 68.3 54.6 82.0
138 89.2 77.0 115.4

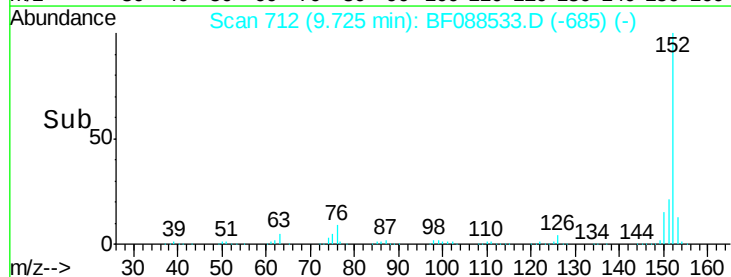
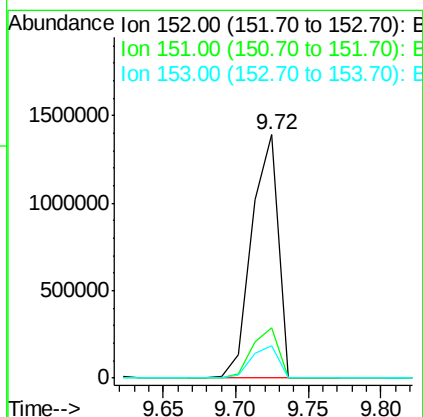
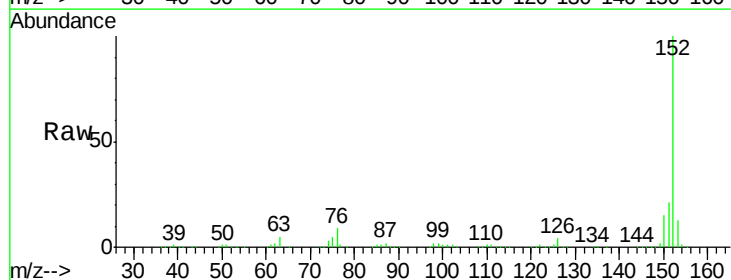
Manual Integrations

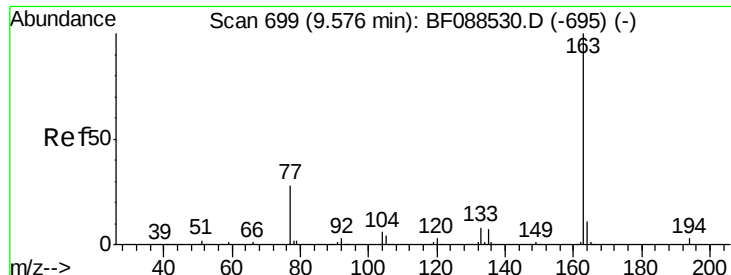
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SOHIL
7/1/2016 8:06:57 AM



#48
Acenaphthylene
Concen: 76.33 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion: 152 Resp: 1753206
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 13.3 11.0 16.6





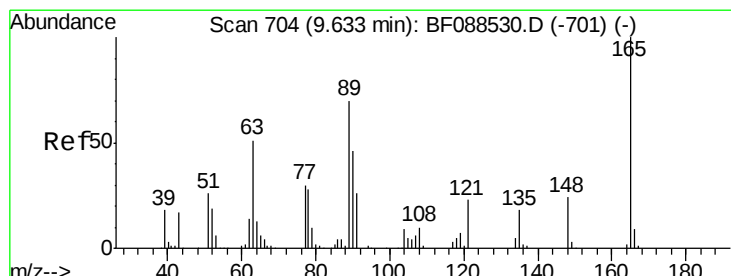
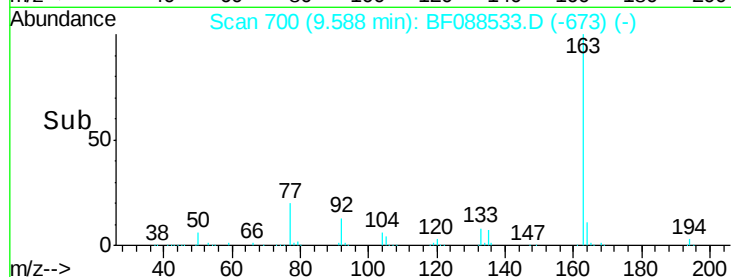
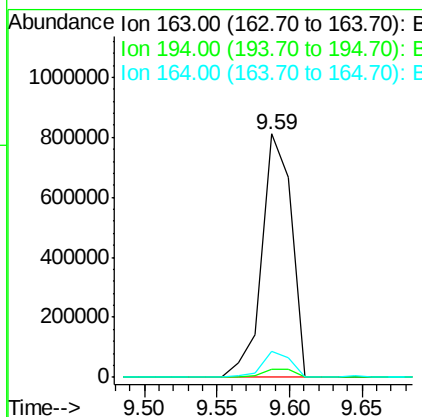
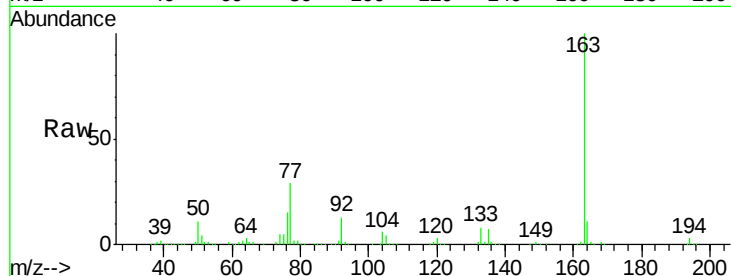
#49
Dimethylphthalate
Concen: 69.08 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:163 Resp: 1146273
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.9 8.3 12.5

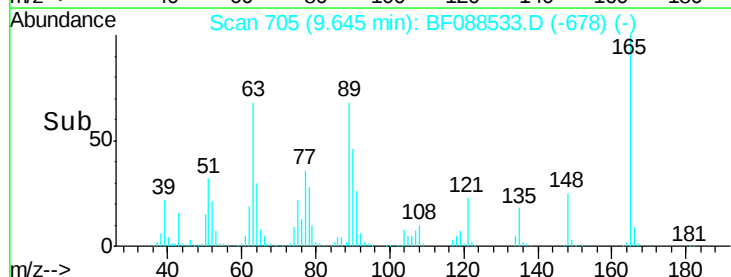
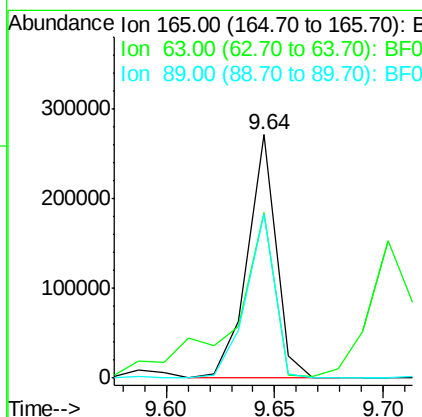
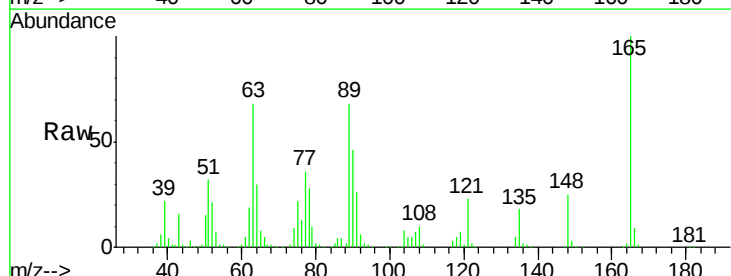
Manual Integrations

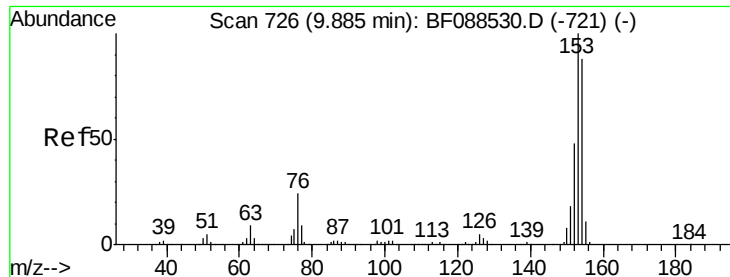
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#50
2,6-Dinitrotoluene
Concen: 68.29 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:165 Resp: 249658
Ion Ratio Lower Upper
165 100
63 67.9 28.1 42.1#
89 67.6 32.2 48.2#





#51

Acenaphthene

Concen: 76.13 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:154 Resp: 1083364

Ion Ratio Lower Upper

154 100

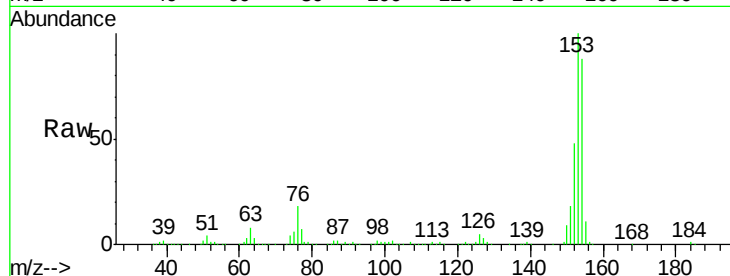
153 113.3 89.5 134.3

152 54.7 42.7 64.1

Manual Integrations

SOHIL

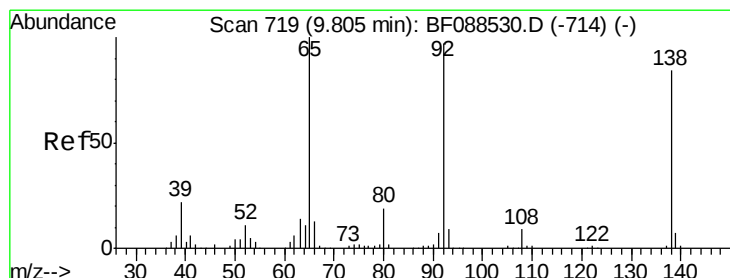
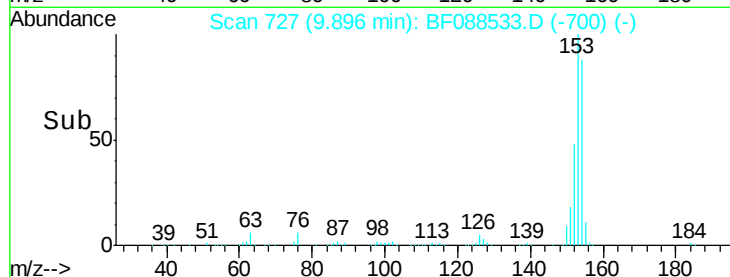
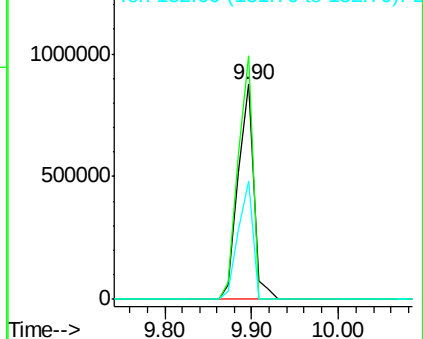
7/1/2016 8:06:57 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 84.31 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

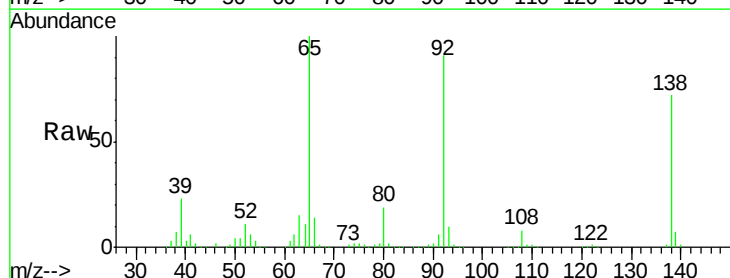
Tgt Ion:138 Resp: 369202

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

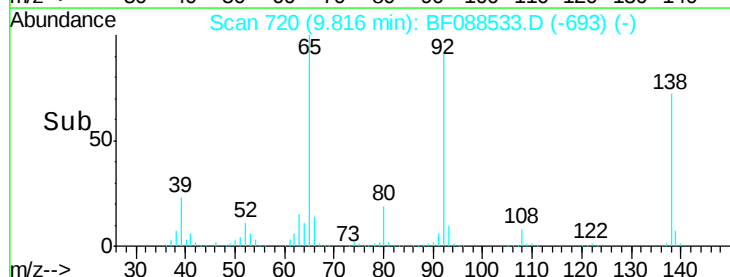
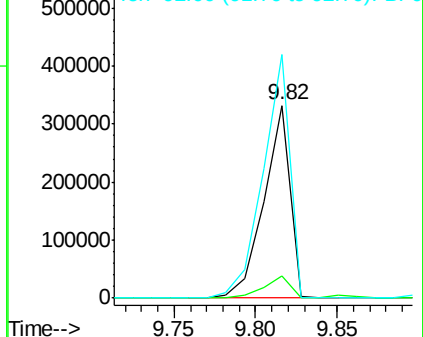
92 126.2 95.7 143.5

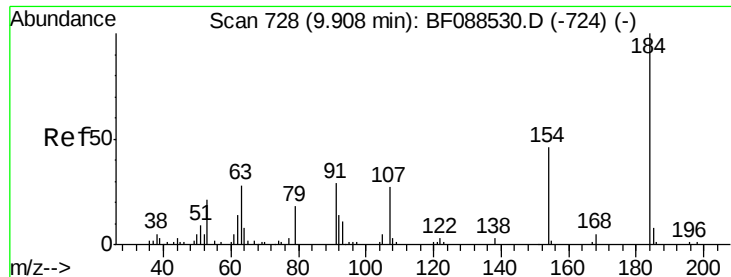


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





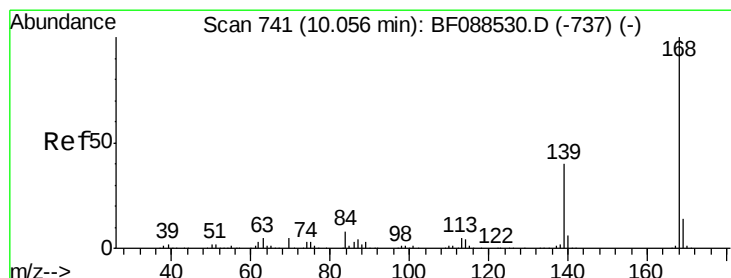
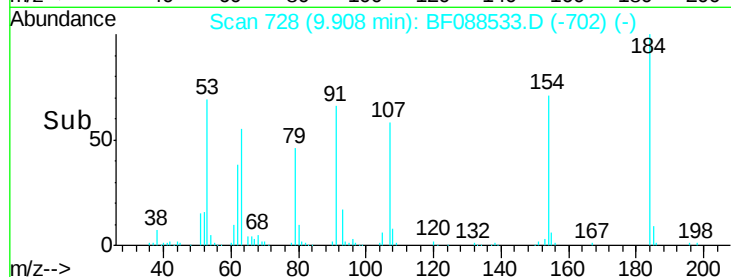
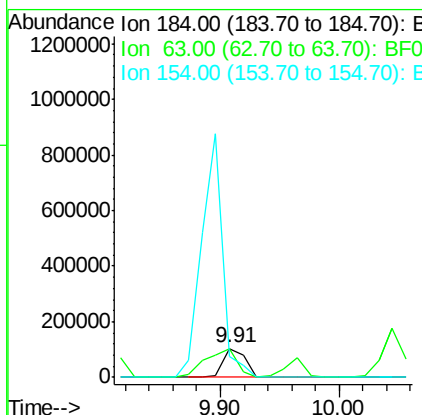
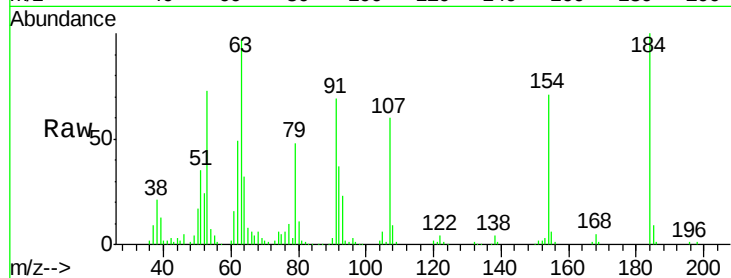
#53
2,4-Dinitrophenol
Concen: 92.50 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
184	100		
63	97.1	57.6	86.4#
154	70.9	53.5	80.3

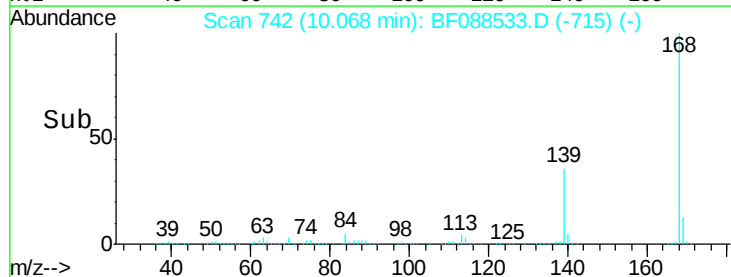
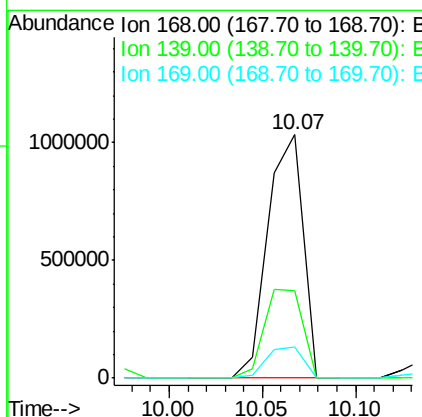
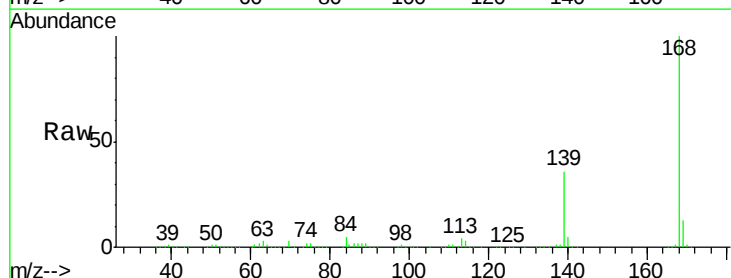
Manual Integrations

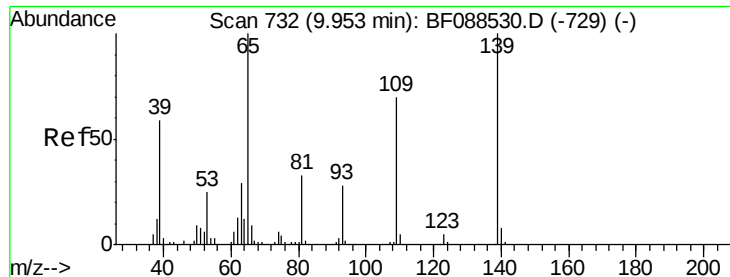
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7/1/2016 8:06:57 AM



#54
Dibenzofuran
Concen: 68.18 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	26.4	39.6
169	13.0	10.4	15.6





#55

4-Nitrophenol

Concen: 68.51 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF088533.D

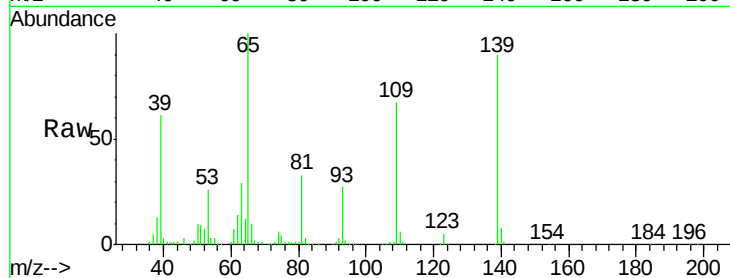
Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

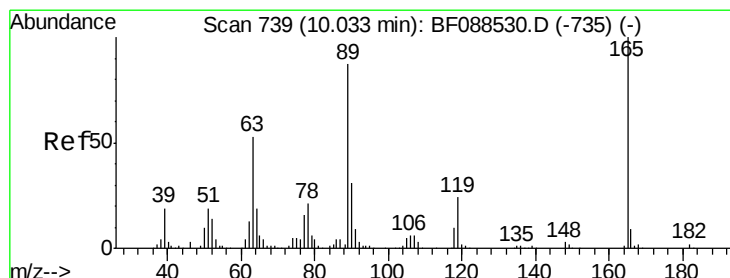
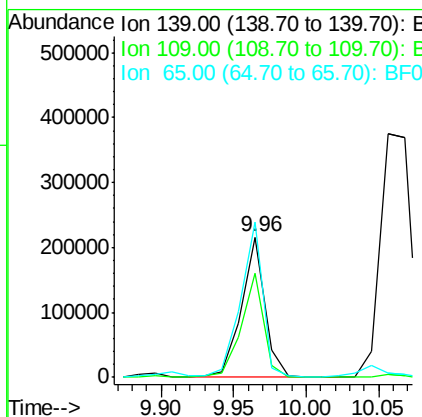
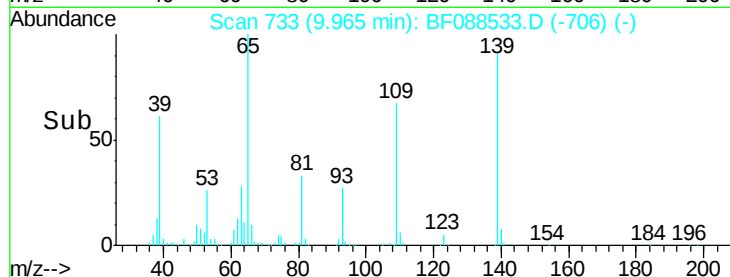


Tgt Ion:	139	Resp:	242451
Ion Ratio	Lower	Upper	
139	100		
109	74.0	48.9	88.9
65	110.5	84.9	124.9

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 67.89 ng

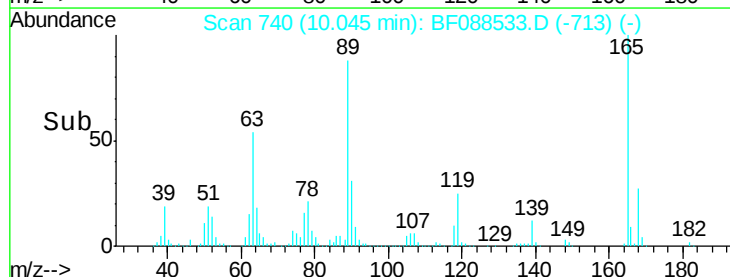
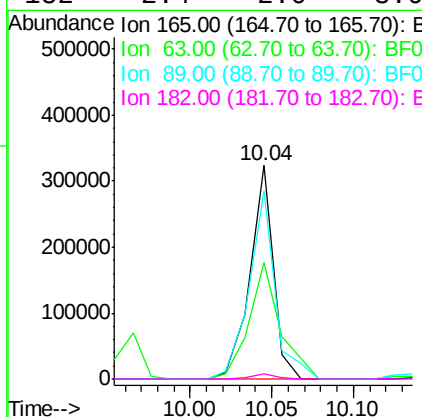
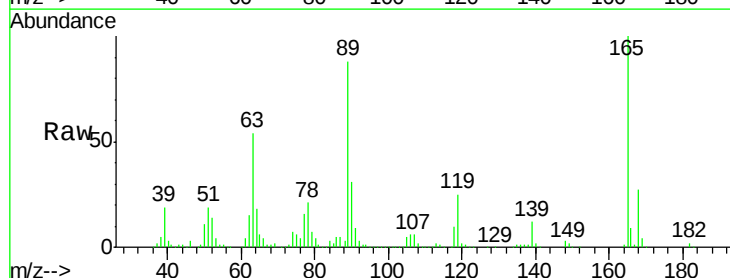
RT: 10.04 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Tgt Ion:	165	Resp:	320286
Ion Ratio	Lower	Upper	
165	100		
63	54.5	22.0	33.0#
89	88.0	41.1	61.7#
182	2.4	2.0	3.0





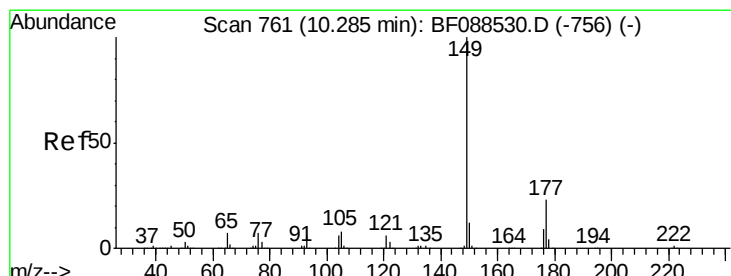
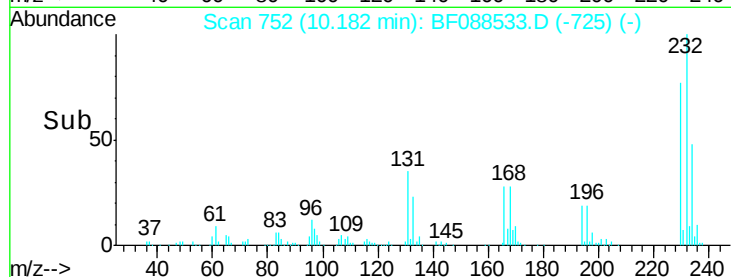
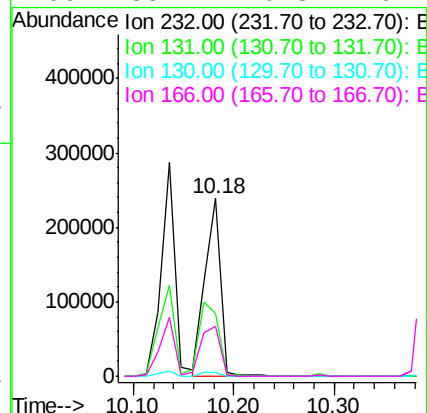
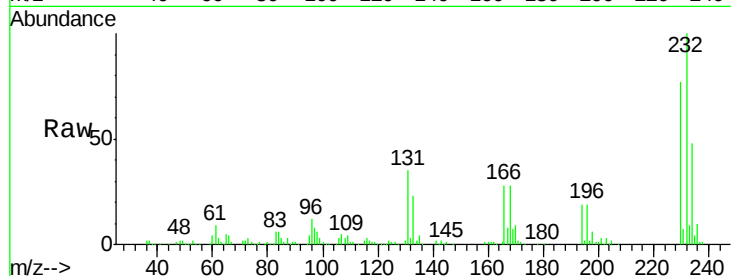
#58
2,3,4,6-Tetrachlorophenol
Concen: 70.54 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	0.9	1.3#
130	2.6	1.5	2.3#
166	35.2	0.5	0.7#

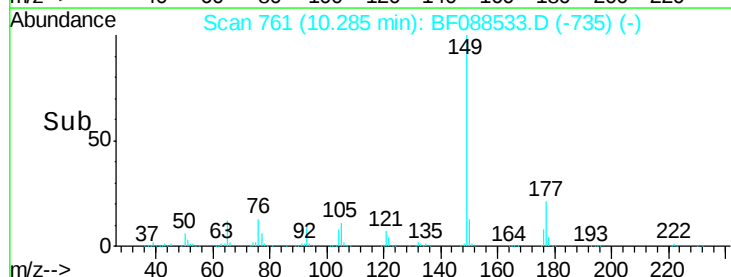
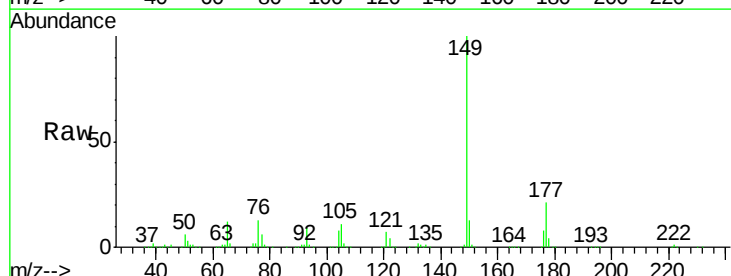
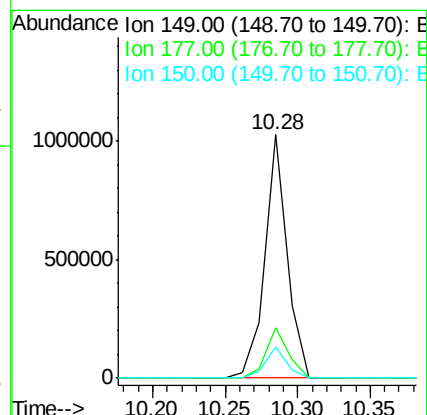
Manual Integrations

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7/1/2016 8:06:57 AM



#59
Diethylphthalate
Concen: 64.02 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.9	25.3
150	13.0	10.1	15.1





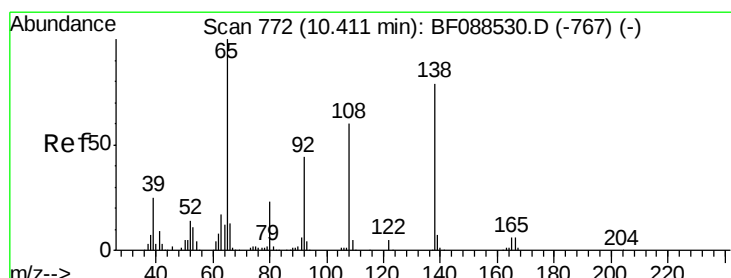
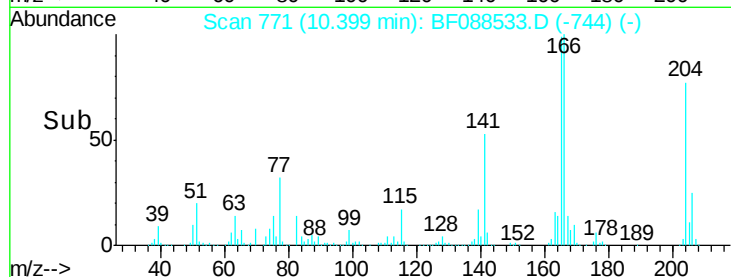
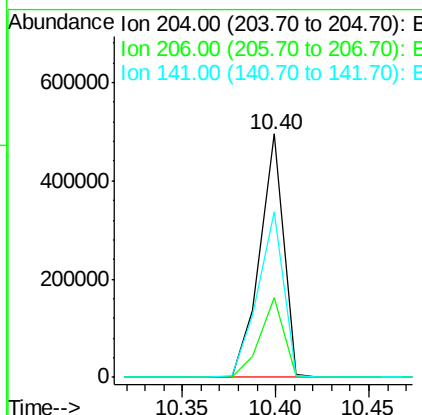
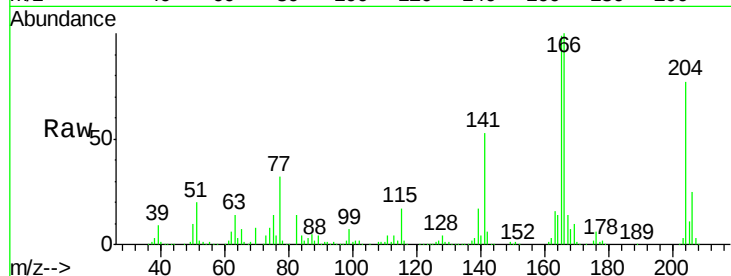
#60
4-Chlorophenyl-phenylether
Concen: 66.66 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 204 Resp: 440416
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 68.1 55.0 82.6

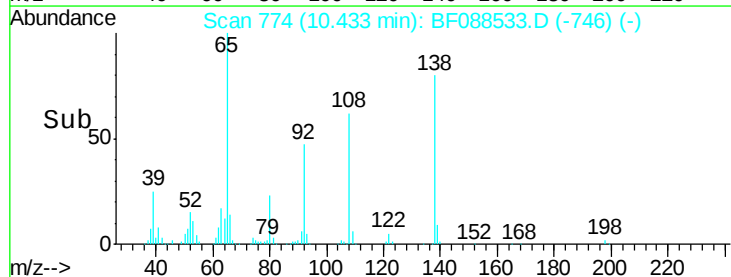
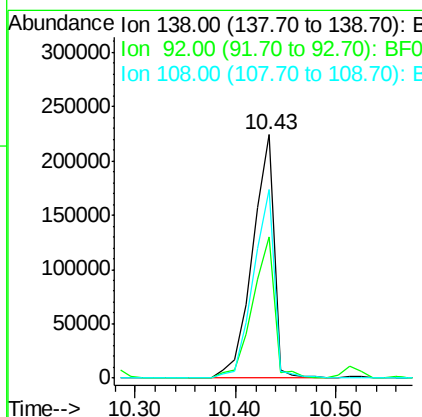
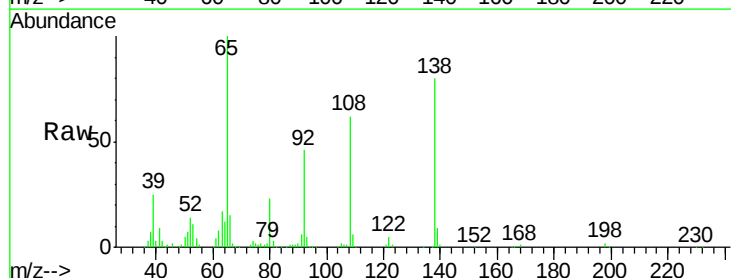
Manual Integrations

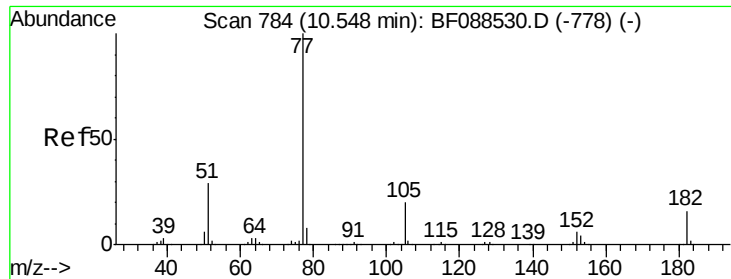
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#61
4-Nitroaniline
Concen: 80.58 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.02 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion: 138 Resp: 335284
Ion Ratio Lower Upper
138 100
92 57.9 27.3 67.3
108 77.3 46.7 86.7





#62

Azobenzene

Concen: 67.57 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF088533.D

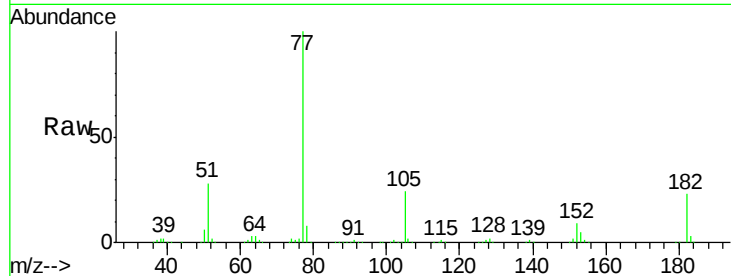
Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080



Tgt Ion: 77 Resp: 1407111

Ion Ratio Lower Upper

77 100

182 23.1 4.4 44.4

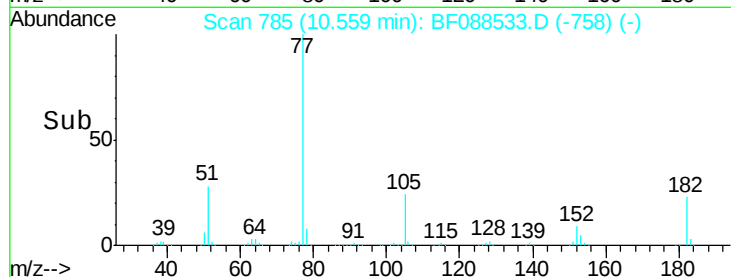
105 23.6 3.8 43.8

51 27.7 9.3 49.3

Manual Integrations

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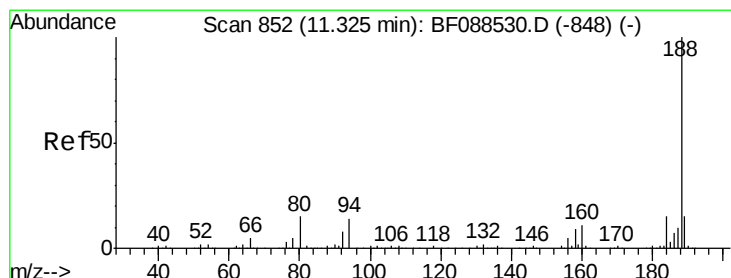
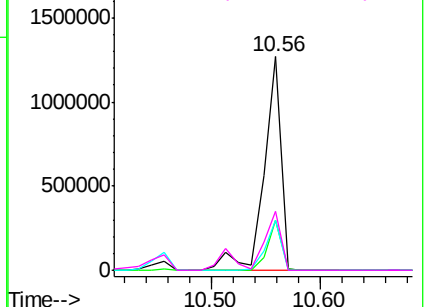


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

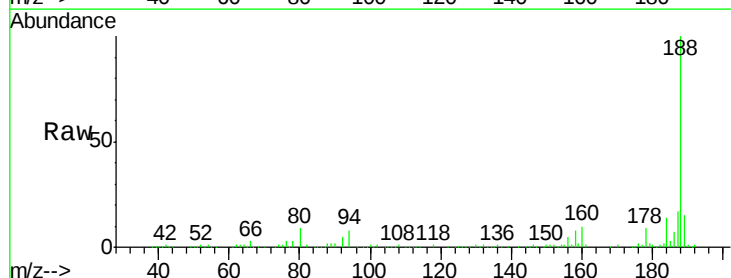
Tgt Ion: 188 Resp: 419852

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.6#

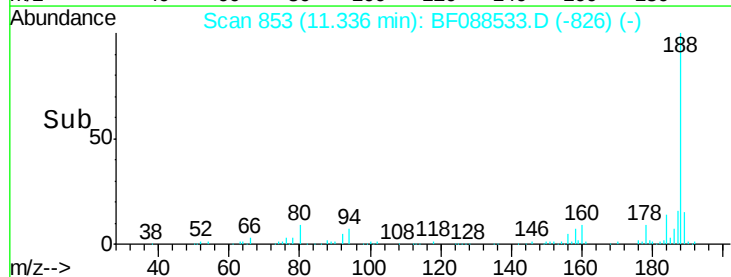
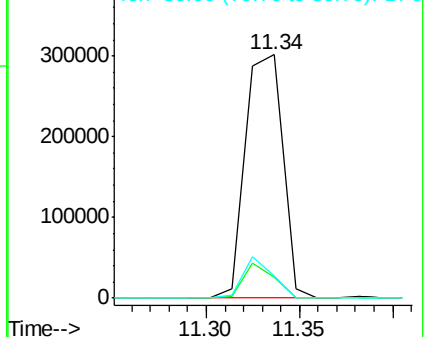
80 9.0 10.0 15.0#

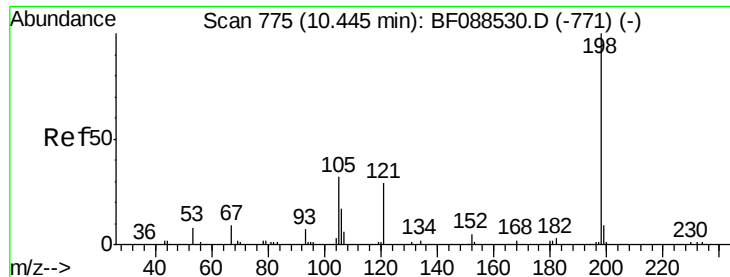


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





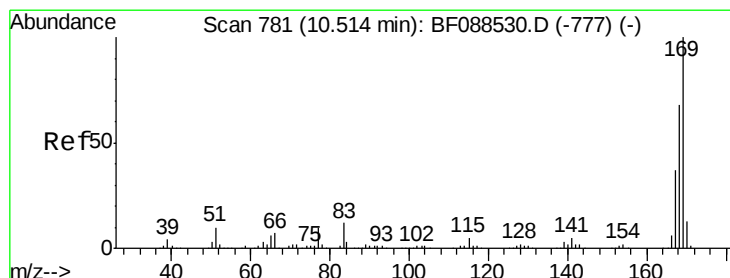
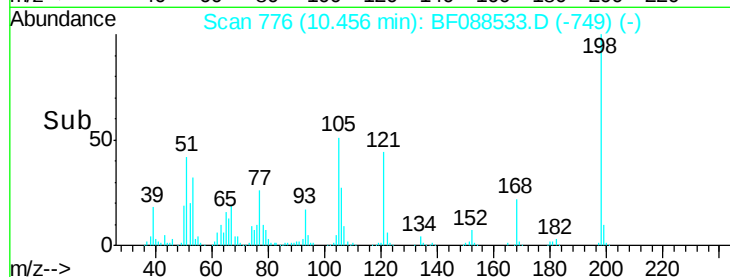
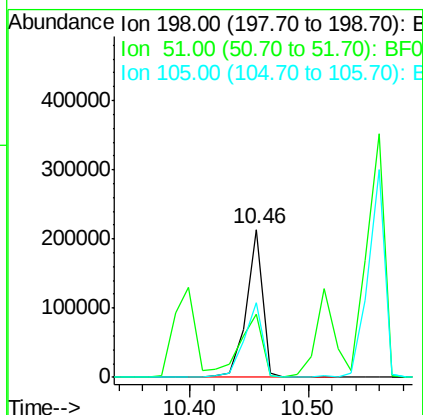
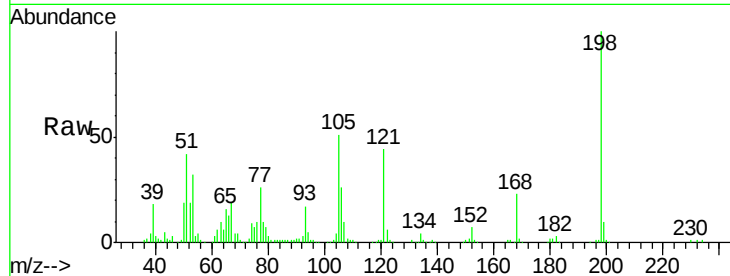
#64
4,6-Dinitro-2-methylphenol
Concen: 105.73 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.5	39.6	79.6
105	50.7	36.6	76.6

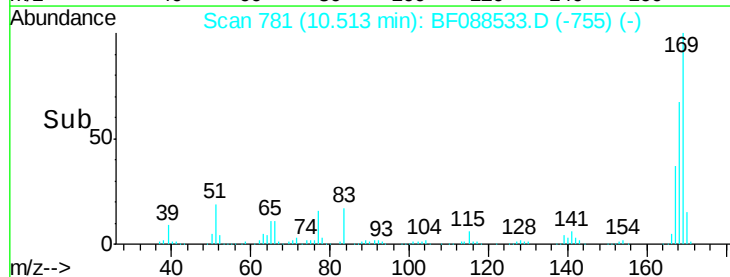
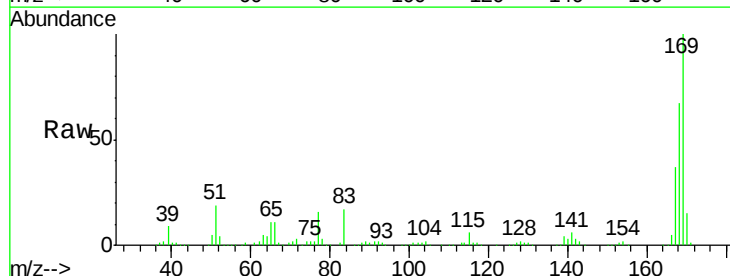
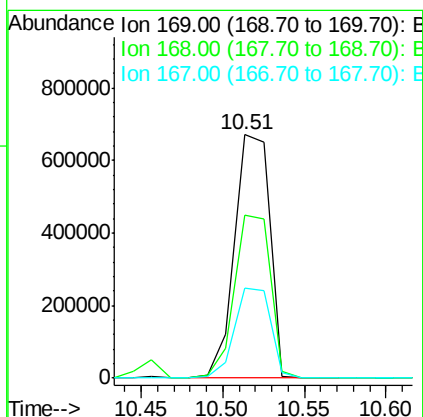
Manual Integrations

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7/1/2016 8:06:57 AM



#65
n-Nitrosodiphenylamine
Concen: 69.38 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.0
167	36.8	29.4	44.0





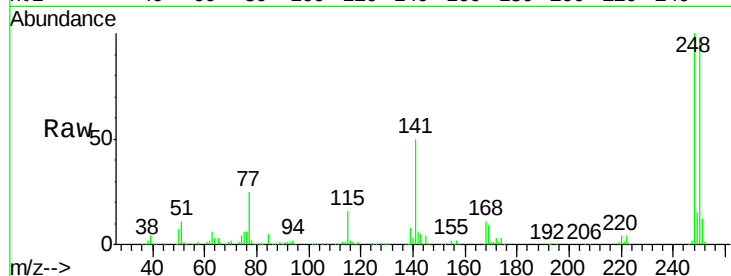
#66
4-Bromophenyl-phenylether
Concen: 72.13 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

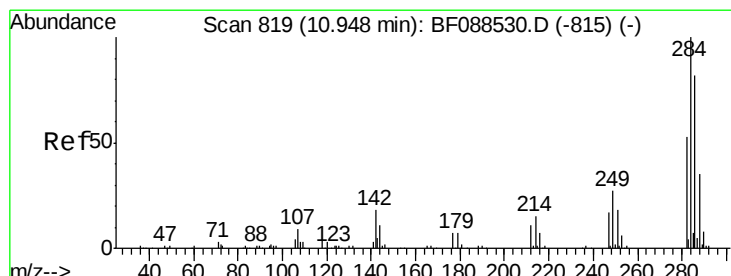
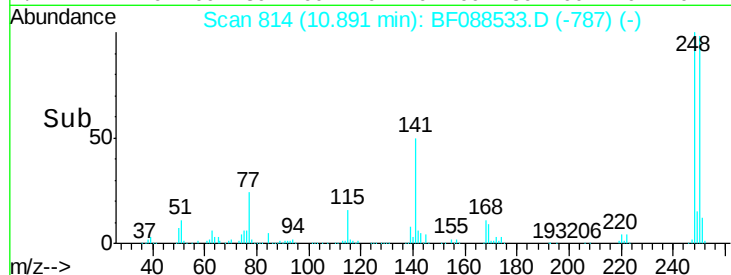
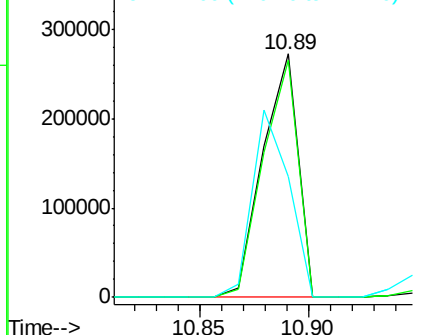
Tgt Ion:248 Resp: 310316
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 49.6 50.6 76.0#

Manual Integrations

SOHIL
7/1/2016 8:06:57 AM



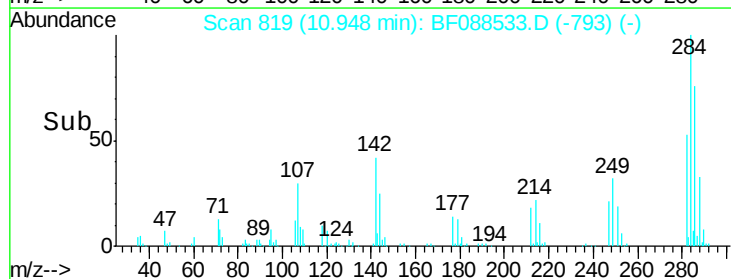
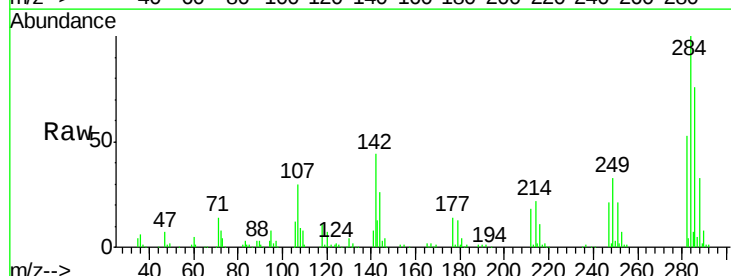
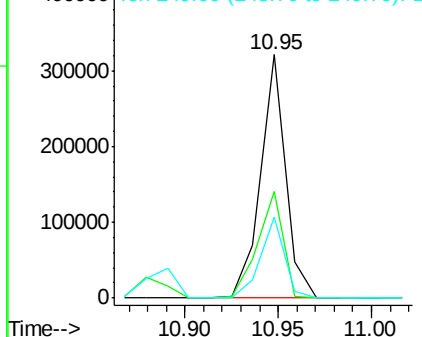
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

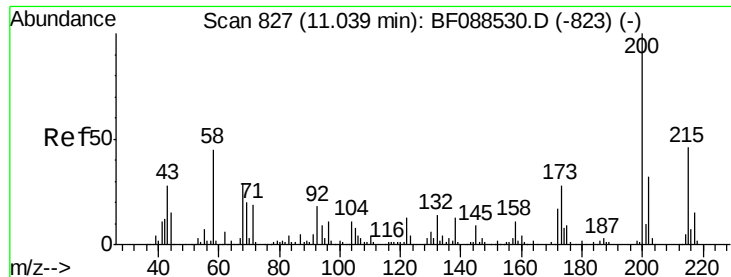


#67
Hexachlorobenzene
Concen: 66.20 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion:284 Resp: 303387
Ion Ratio Lower Upper
284 100
142 43.8 35.8 53.8
249 33.1 25.8 38.6

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





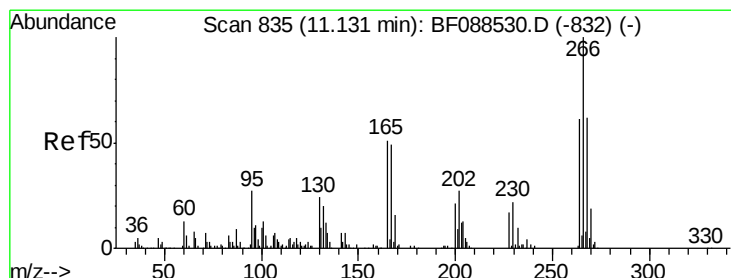
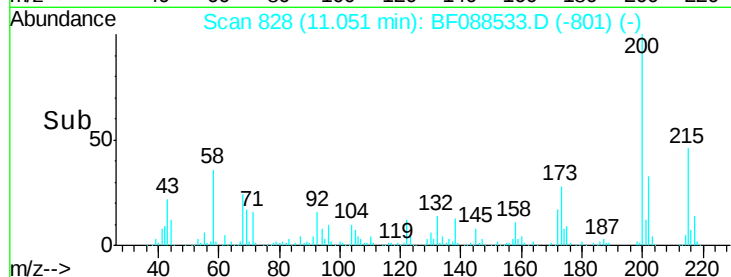
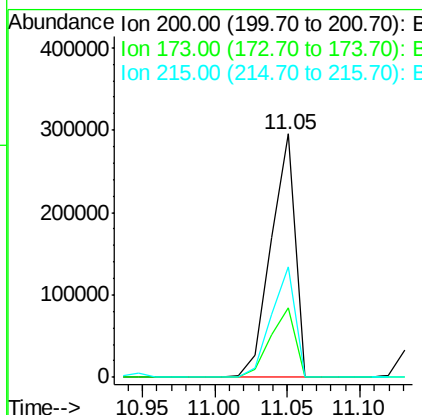
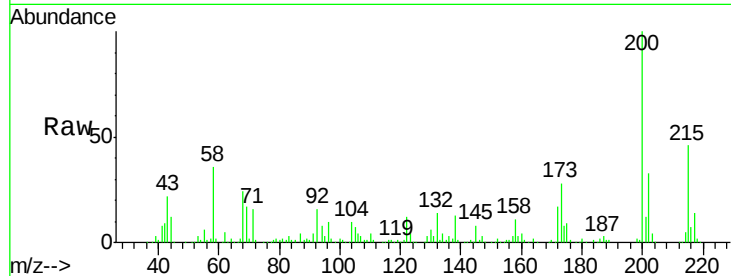
#68
Atrazine
Concen: 75.96 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	4.0	44.0
215	45.6	29.3	69.3

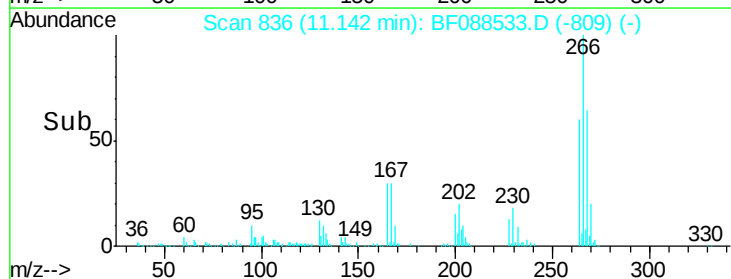
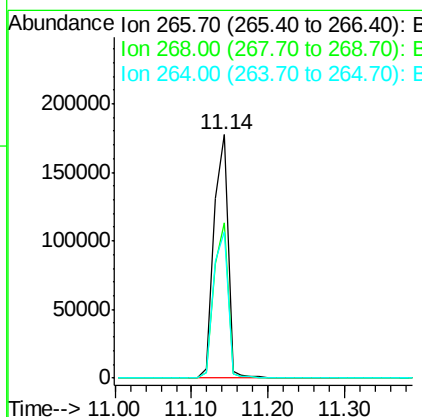
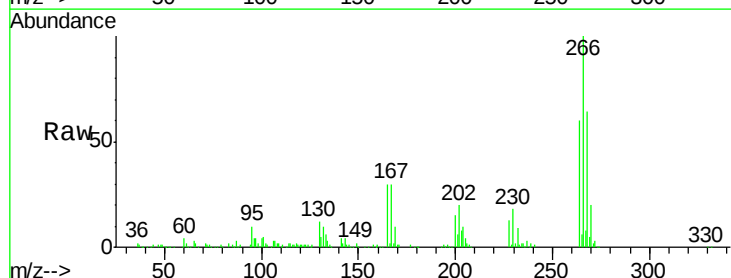
Manual Integrations

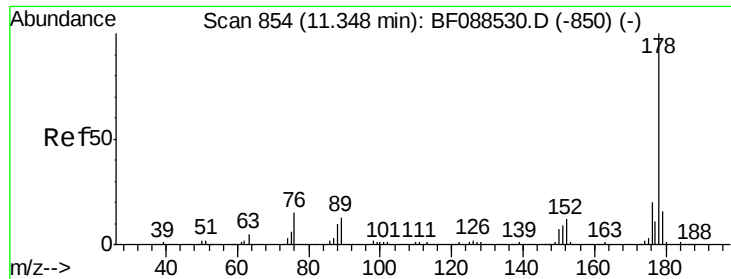
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SOHIL
7/1/2016 8:06:57 AM



#69
Pentachlorophenol
Concen: 81.71 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.8	79.2
264	60.2	49.6	74.4





#70

Phenanthrene

Concen: 60.40 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF088533.D

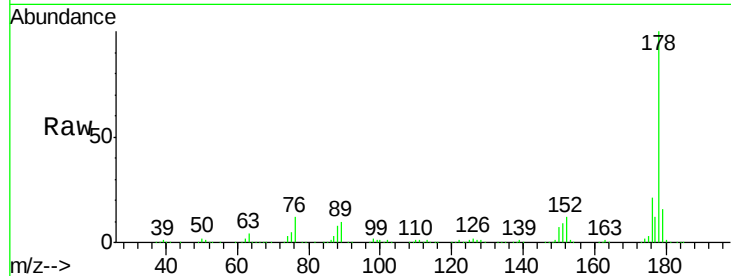
Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080



Tgt Ion:178 Resp: 1442193

Ion Ratio Lower Upper

178 100

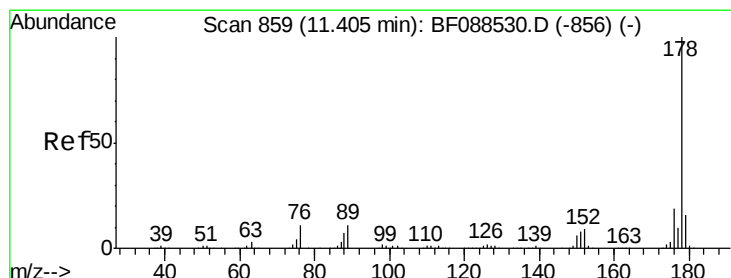
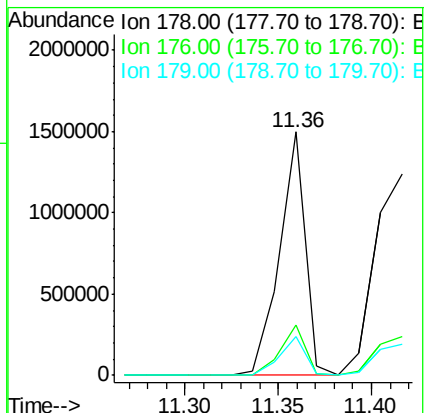
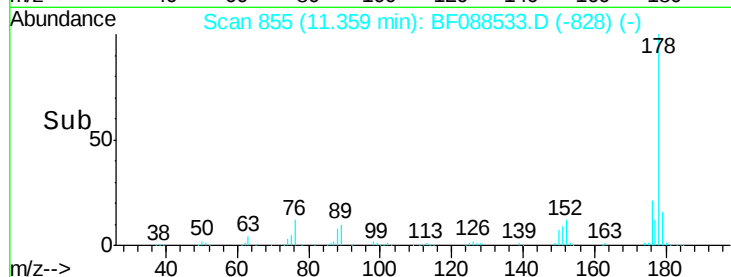
176 20.7 15.8 23.6

179 15.9 13.0 19.4

Manual Integrations

SOHIL

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#71

Anthracene

Concen: 69.91 ng

RT: 11.42 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

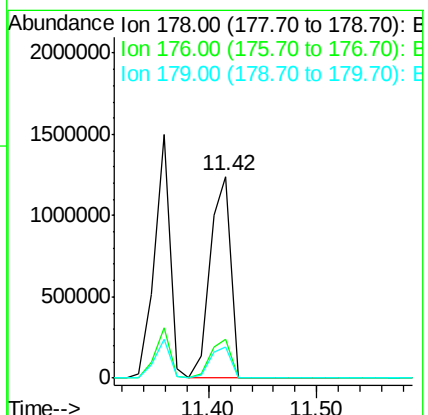
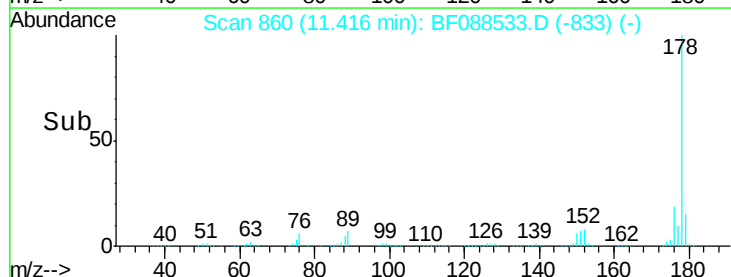
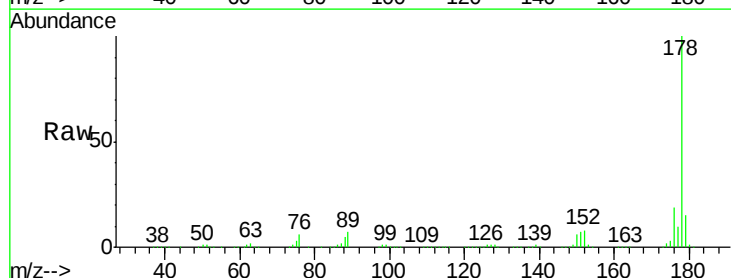
Tgt Ion:178 Resp: 1639047

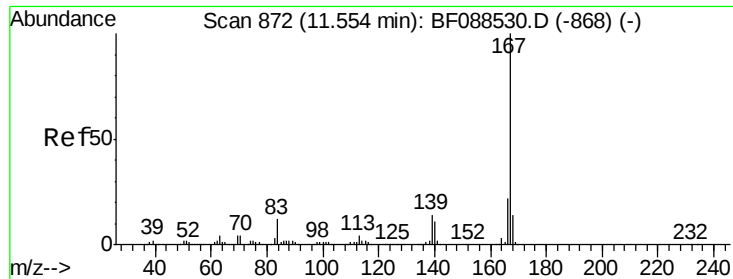
Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.4 12.8 19.2





#72

Carbazole

Concen: 66.83 ng

RT: 11.56 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:167 Resp: 1496880

Ion Ratio Lower Upper

167 100

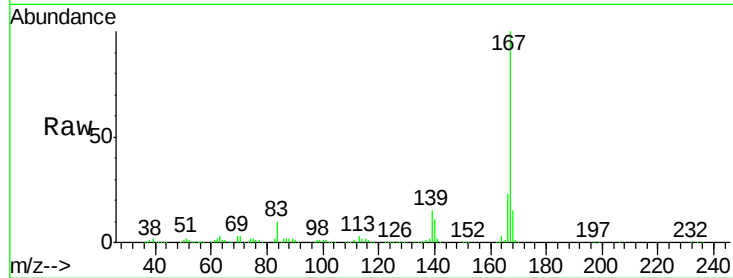
166 22.6 17.8 26.6

139 14.6 11.2 16.8

Manual Integrations

SOHIL

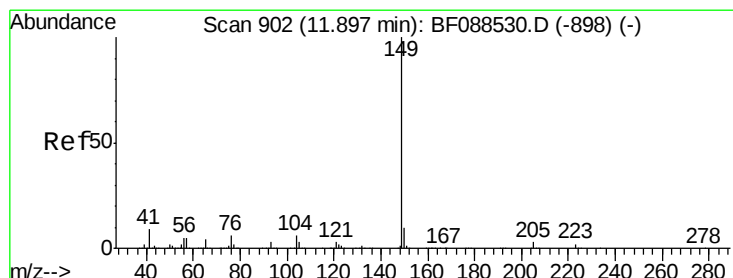
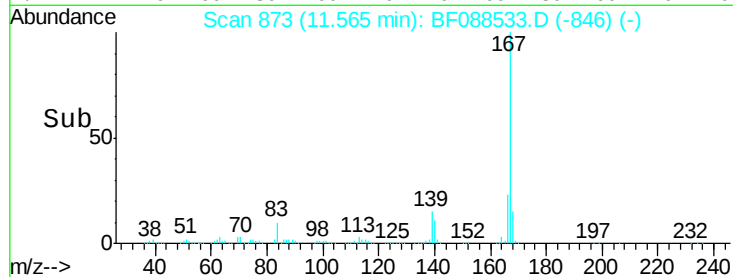
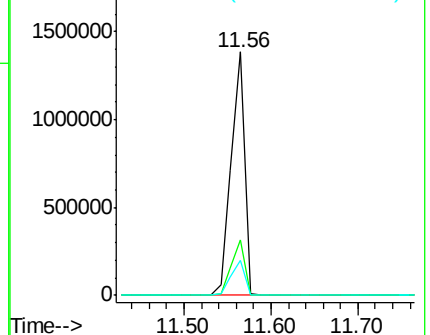
7/1/2016 8:06:57 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 69.61 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

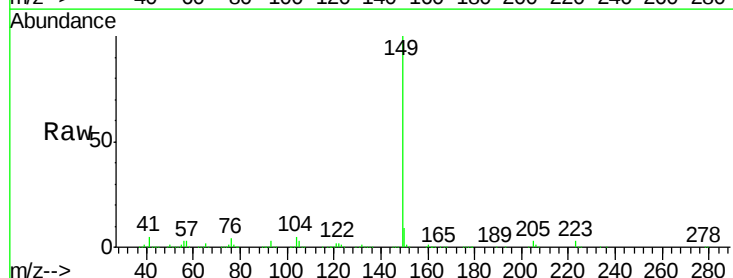
Tgt Ion:149 Resp: 1819674

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

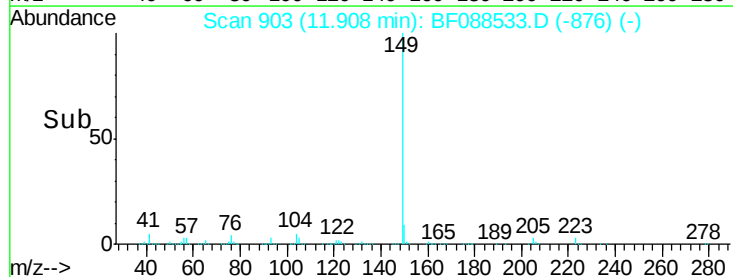
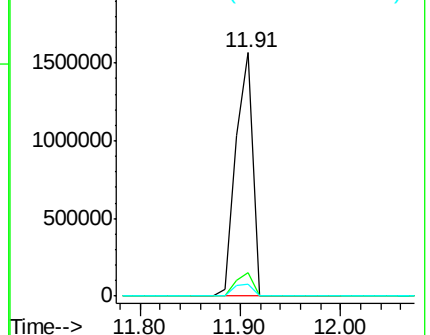
104 4.8 4.0 6.0

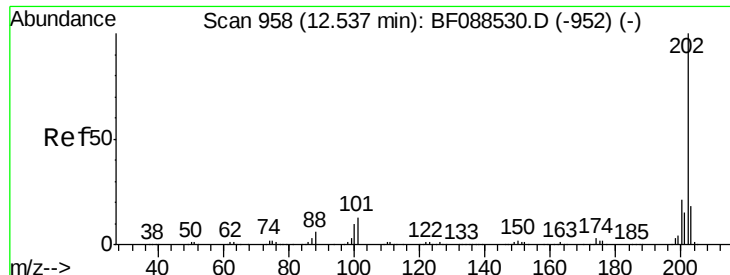


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





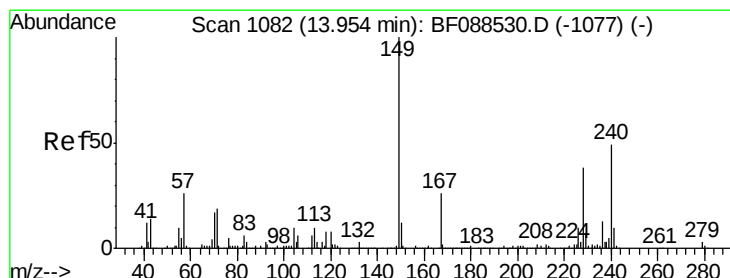
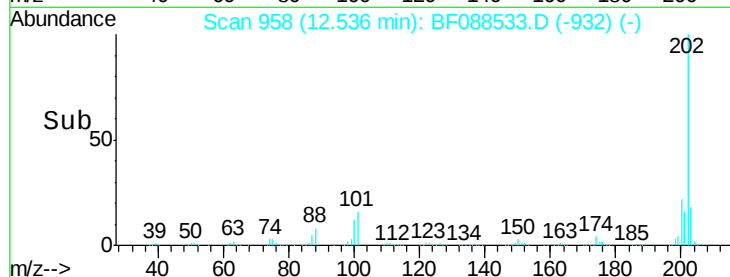
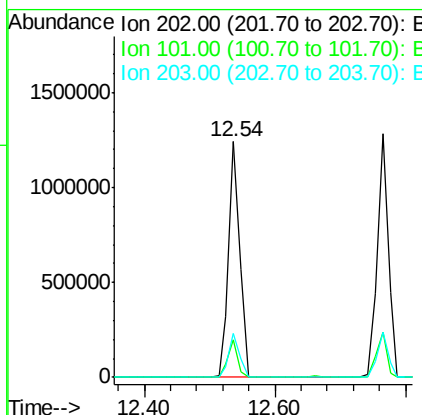
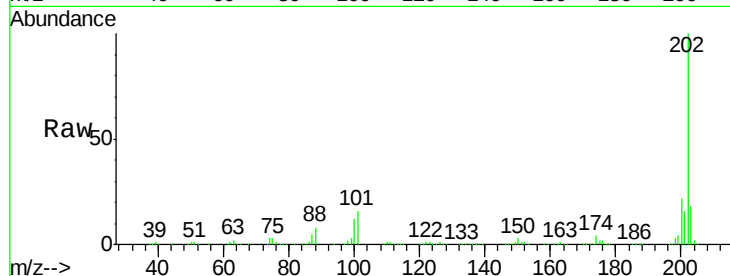
#74
Fluoranthene
Concen: 63.88 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 202 Resp: 1478061
Ion Ratio Lower Upper
202 100
101 16.1 0.0 33.1
203 18.4 0.0 38.1

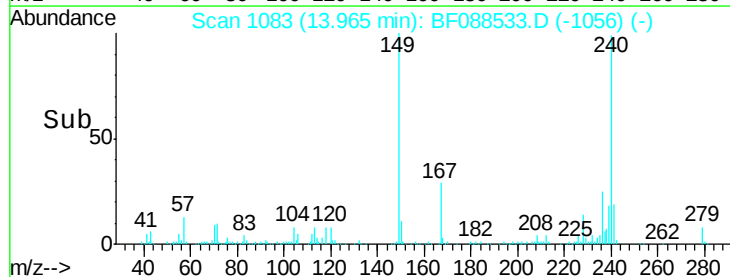
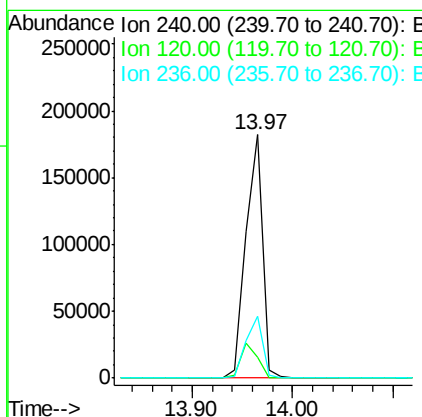
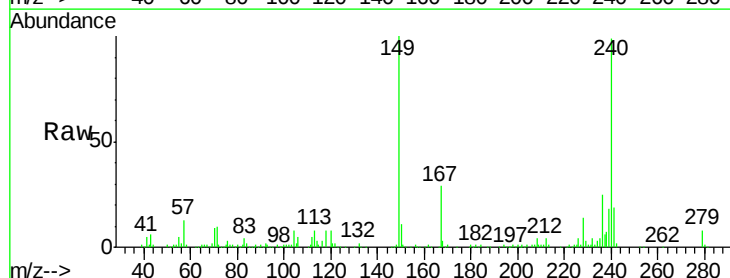
Manual Integrations

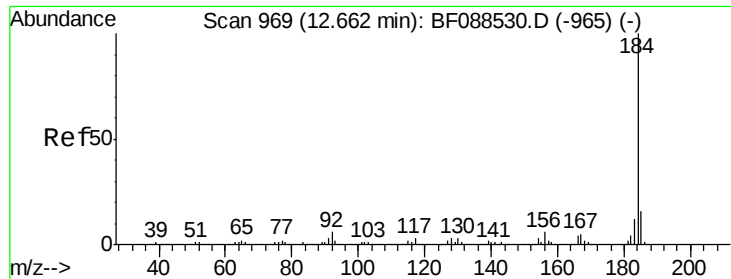
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7/1/2016 8:06:57 AM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1083
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion: 240 Resp: 211030
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 25.4 20.2 30.2





#76

Benzidine

Concen: 121.97 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 835443

Ion Ratio Lower Upper

184 100

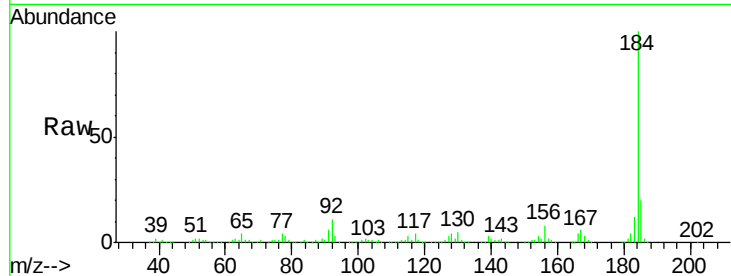
185 20.1 12.5 18.7#

183 12.2 9.3 13.9

Manual Integrations

SOHIL

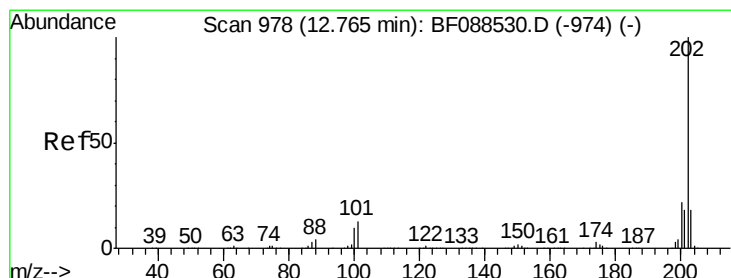
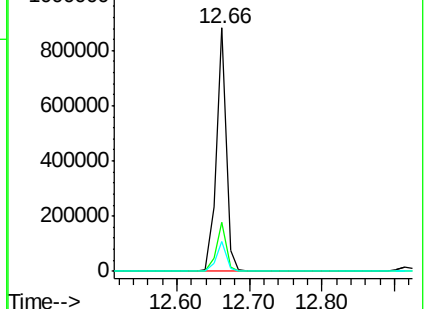
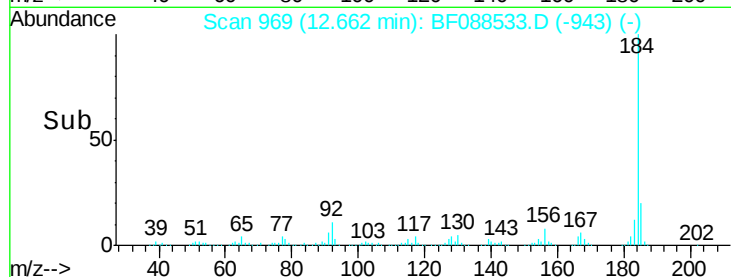
7/1/2016 8:06:57 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 83.25 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

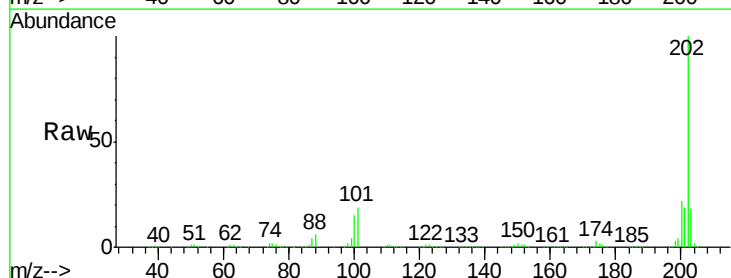
Tgt Ion:202 Resp: 1504379

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

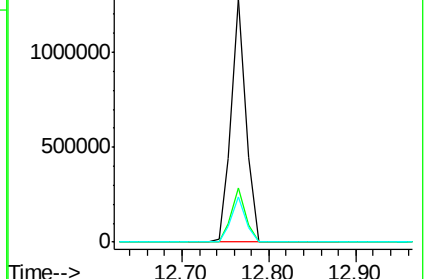
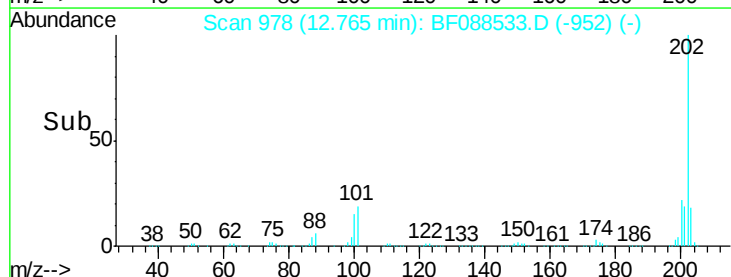
203 18.4 14.5 21.7

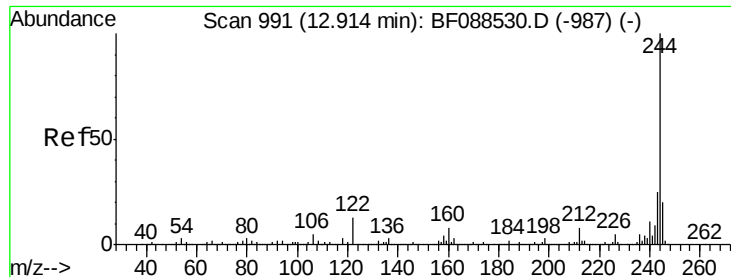


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





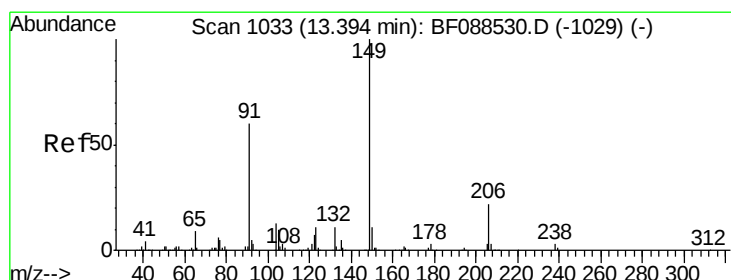
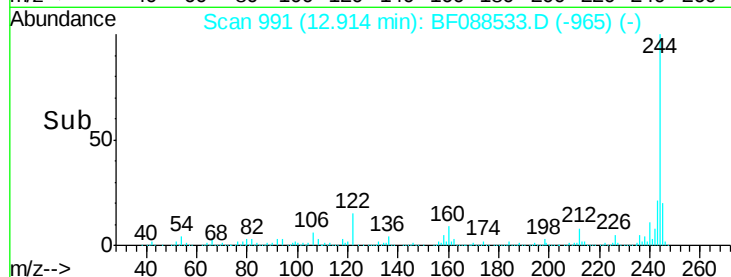
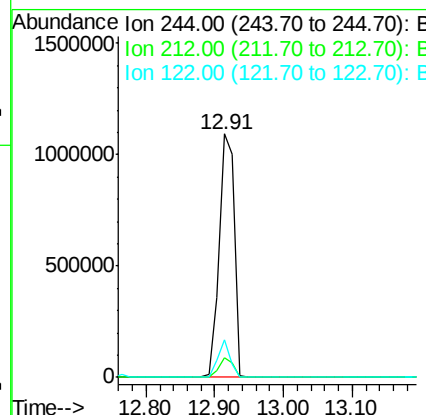
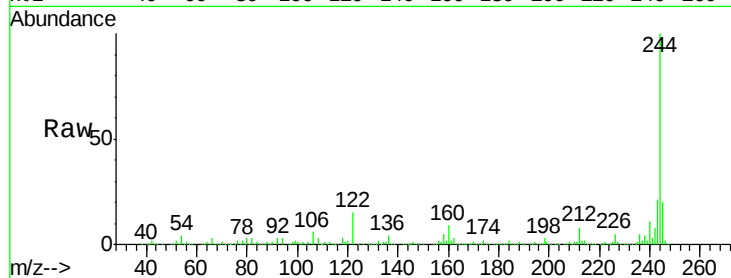
#78
 Terphenyl-d14
 Concen: 88.30 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion: 244 Resp: 1700732
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.2 11.2 16.8

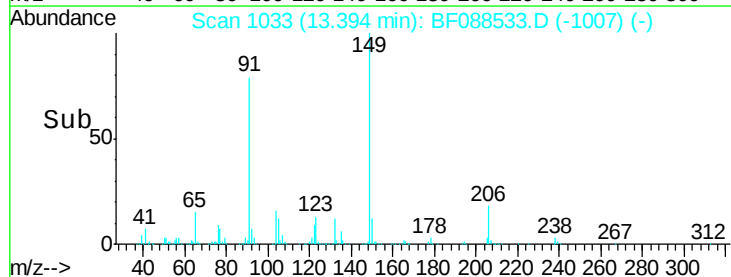
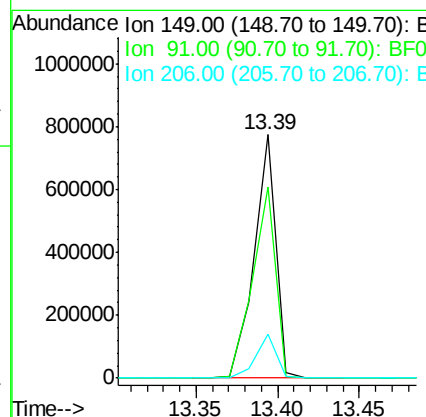
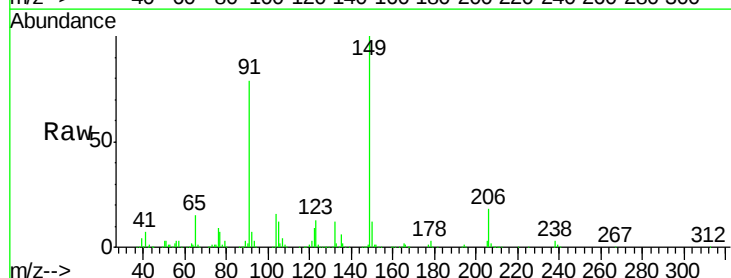
Manual Integrations

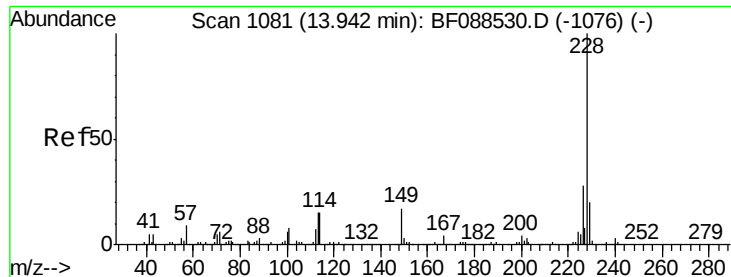
APPROVED
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 7/1/2016 8:06:57 AM



#79
 Butylbenzylphthalate
 Concen: 88.49 ng
 RT: 13.39 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Tgt Ion: 149 Resp: 712362
 Ion Ratio Lower Upper
 149 100
 91 78.7 48.0 72.0#
 206 18.2 16.0 24.0





#80

Benzo(a)anthracene

Concen: 79.99 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088533.D

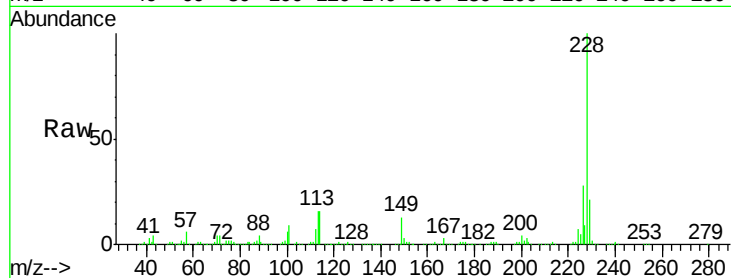
Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 228 Resp: 1122735

Ion Ratio Lower Upper

228 100

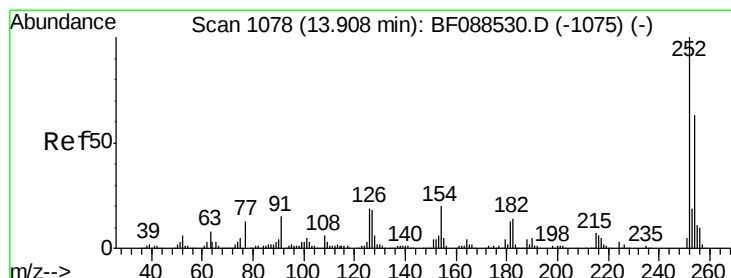
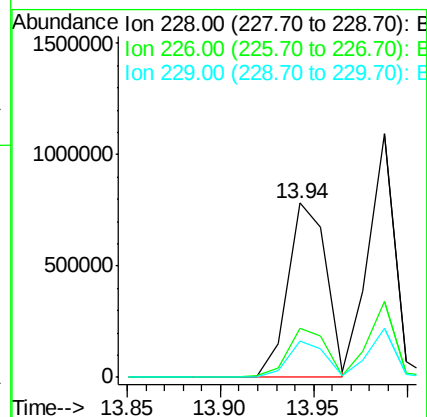
226 28.4 22.3 33.5

229 20.5 16.0 24.0

Manual Integrations

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#81

3,3'-Dichlorobenzidine

Concen: 95.75 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

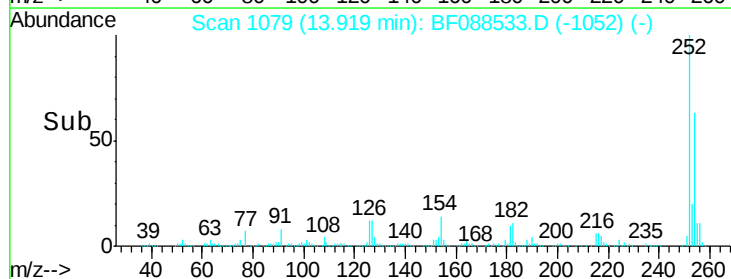
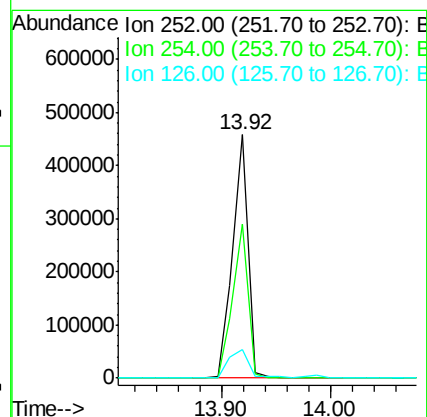
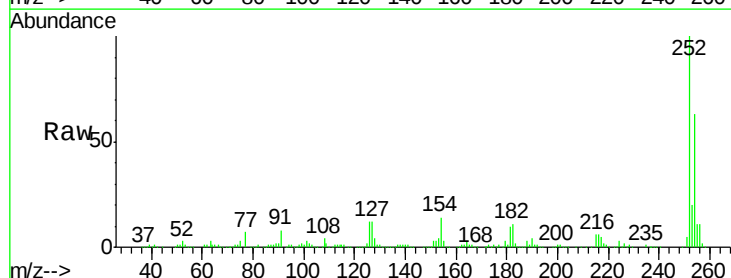
Tgt Ion: 252 Resp: 447136

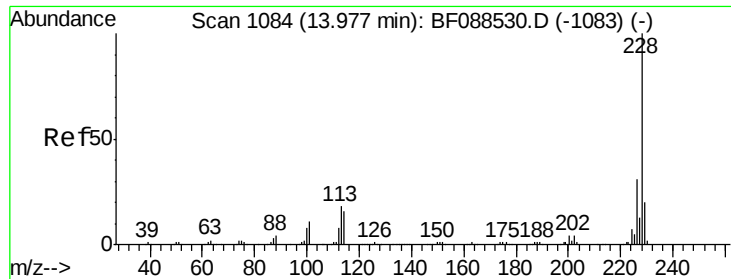
Ion Ratio Lower Upper

252 100

254 63.4 52.6 78.8

126 11.8 6.2 9.2#





#82

Chrysene

Concen: 78.48 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tgt Ion:228 Resp: 1081365

Ion Ratio Lower Upper

228 100

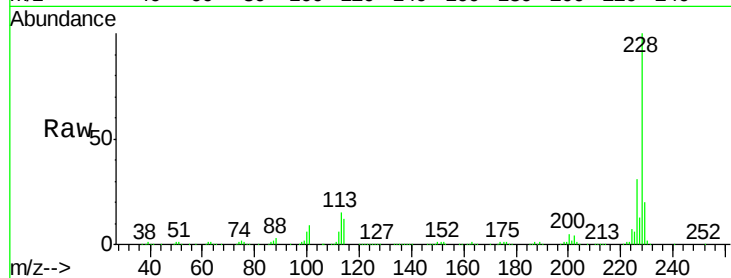
226 31.4 25.4 38.2

229 20.2 16.3 24.5

Manual Integrations

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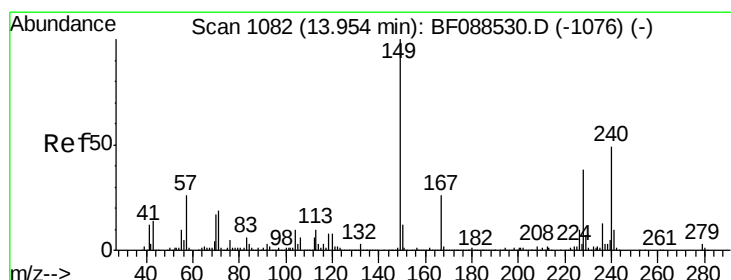
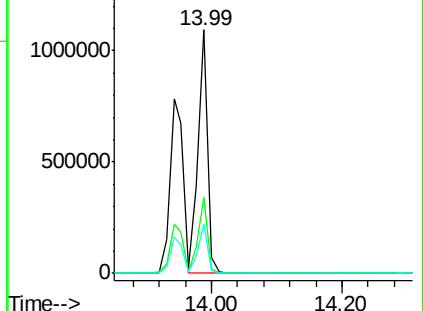
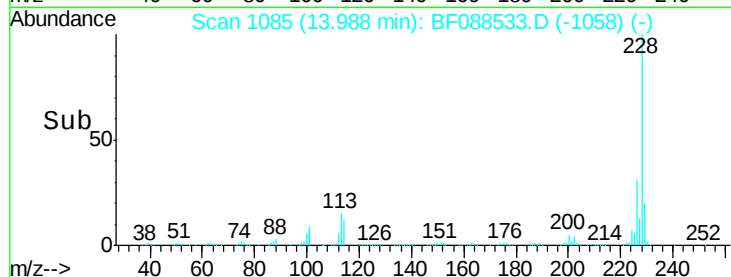
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 81.03 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

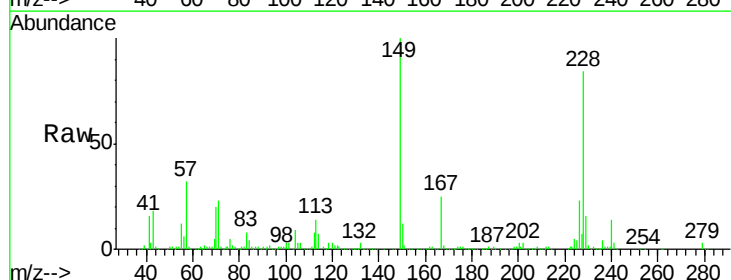
Tgt Ion:149 Resp: 758037

Ion Ratio Lower Upper

149 100

167 25.2 20.5 30.7

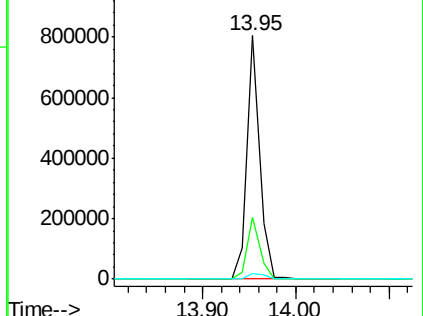
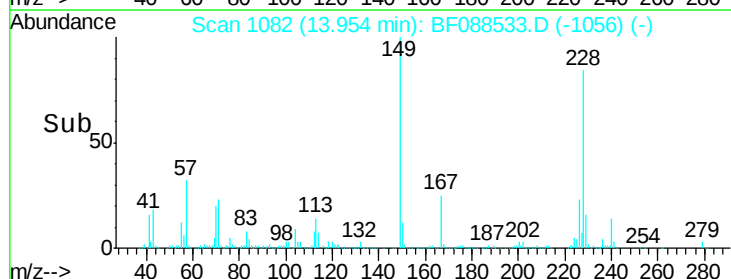
279 2.5 2.0 3.0

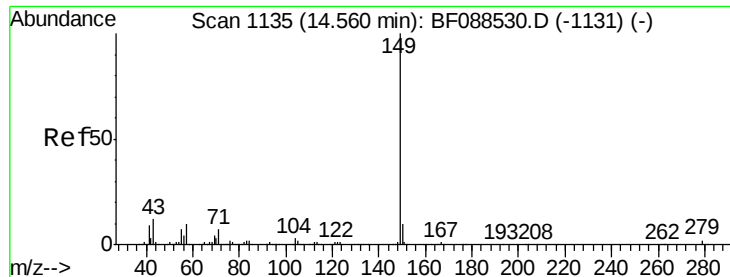


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 86.60 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 1340710

Ion Ratio Lower Upper

149 100

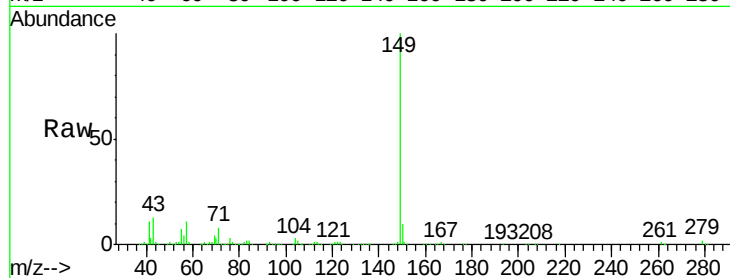
167 1.5 0.0 0.0#

43 10.3 0.0 0.0#

Manual Integrations

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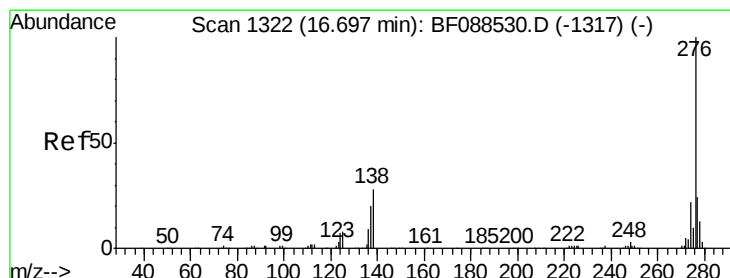
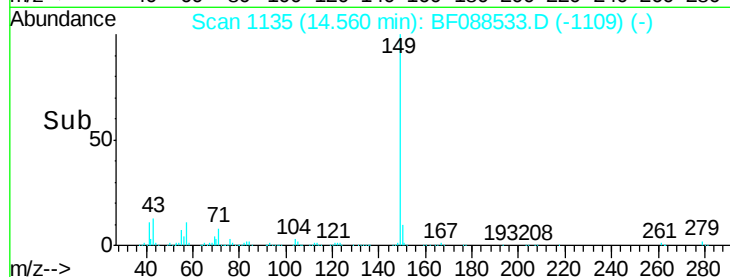
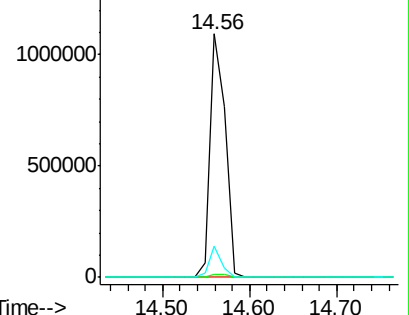
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Abundance Ion 149.00 (148.70 to 149.70): E

1500000 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: 95.95 ng

RT: 16.72 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF088533.D

Acq: 30 Jun 2016 17:06

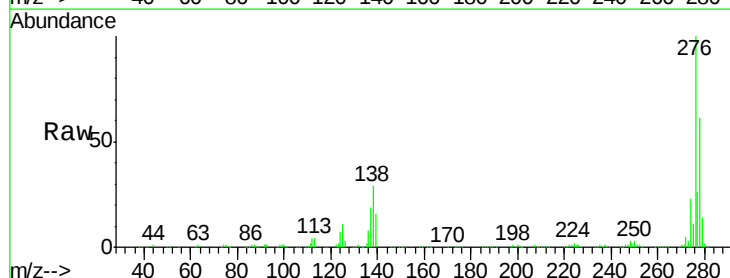
Tgt Ion:276 Resp: 1043730

Ion Ratio Lower Upper

276 100

138 31.6 0.0 0.0#

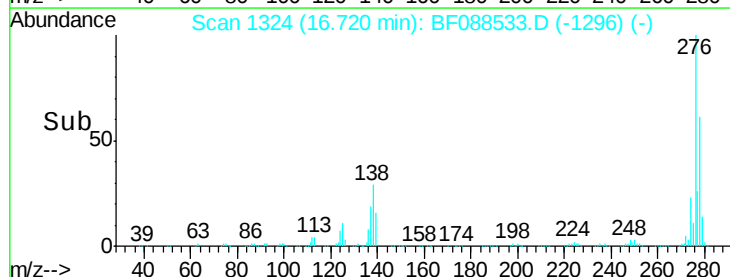
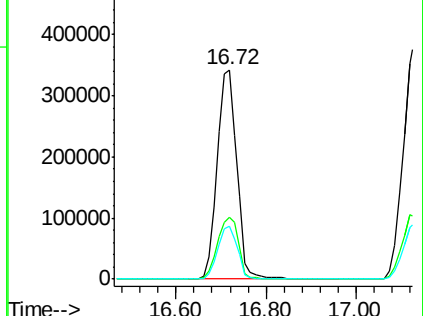
277 25.6 0.0 0.0#

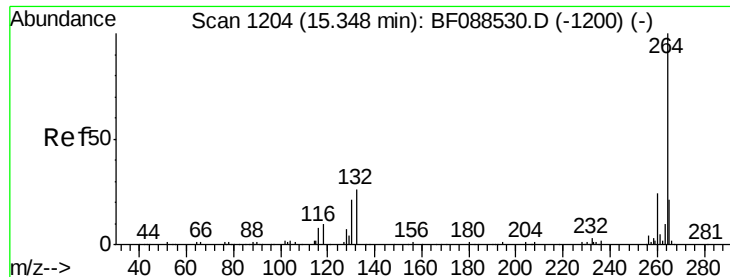


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





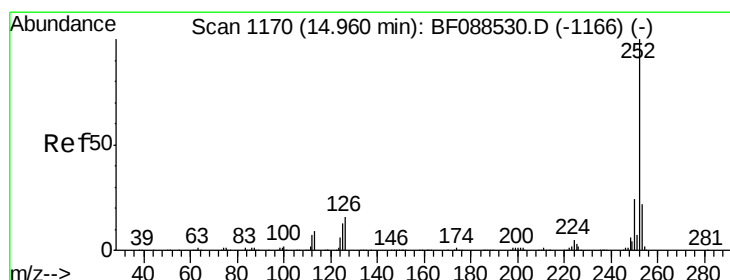
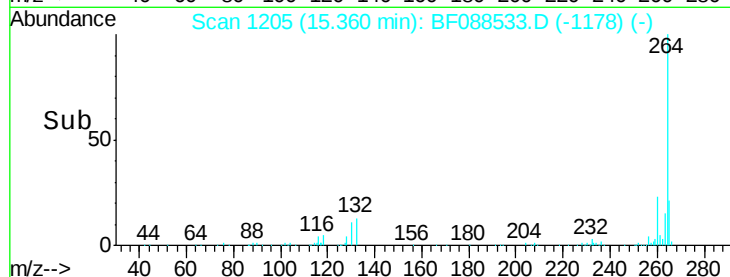
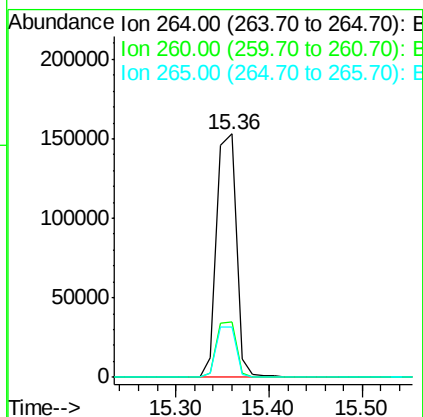
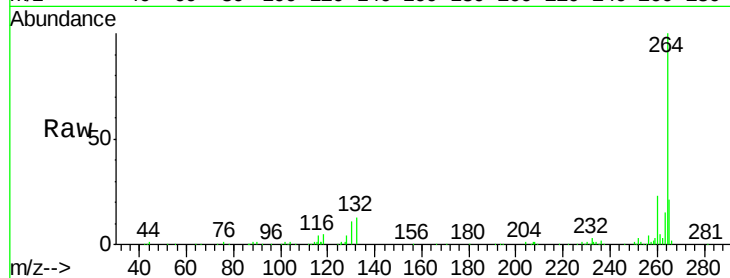
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.5	16.9	25.3

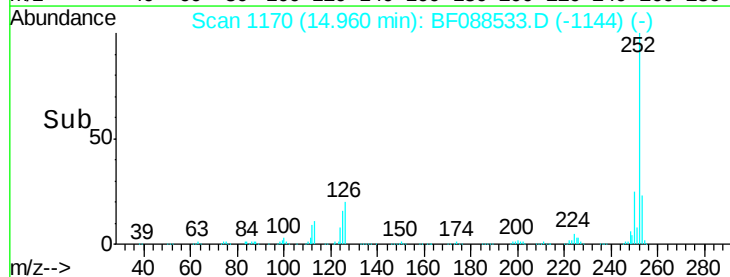
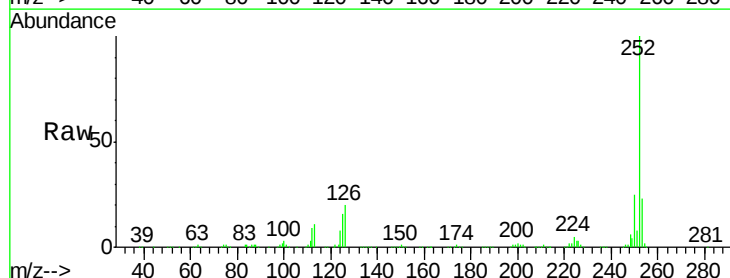
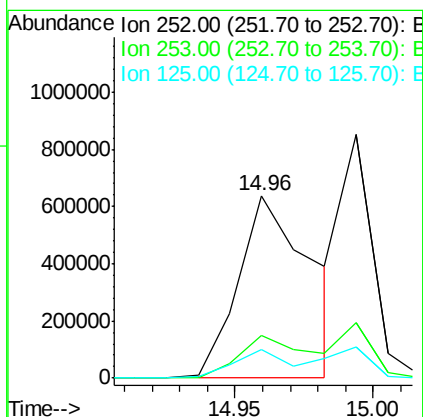
Manual Integrations

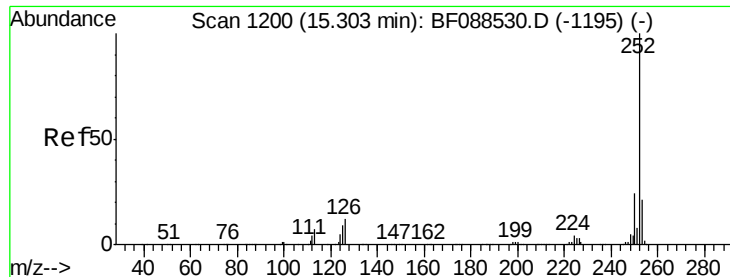
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#87
Benzo(b)fluoranthene
Concen: 84.18 ng m
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	15.5	7.1	10.7#





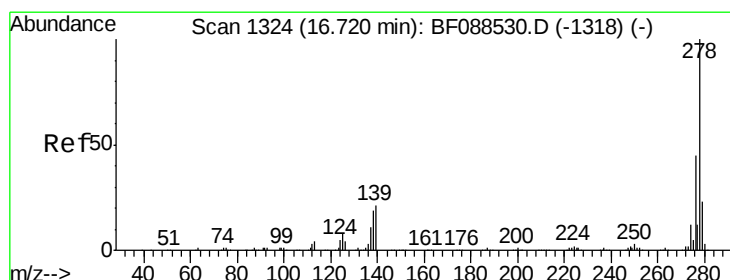
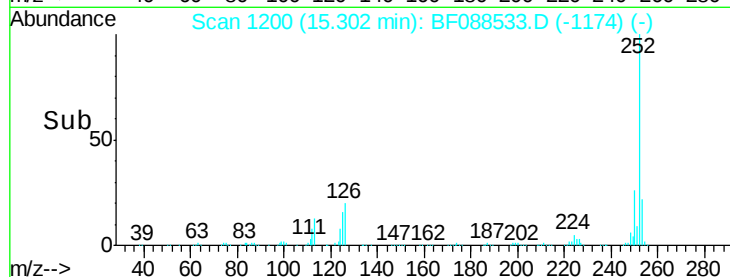
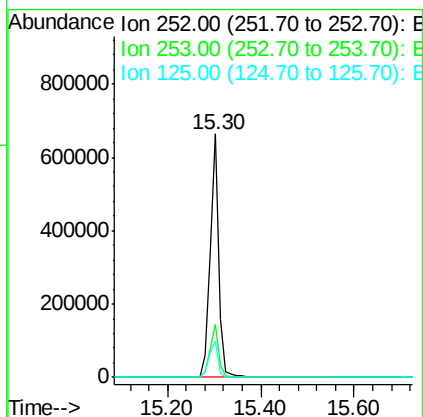
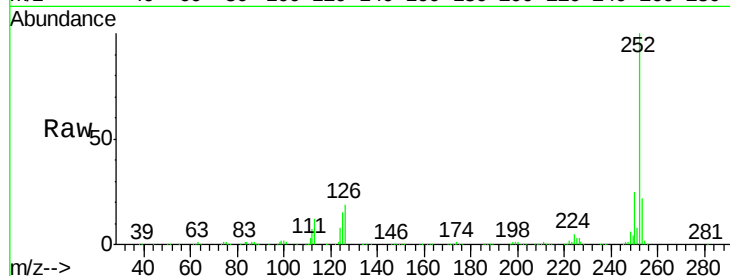
#89
Benzo(a)pyrene
Concen: 68.73 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	14.9	12.5	18.7

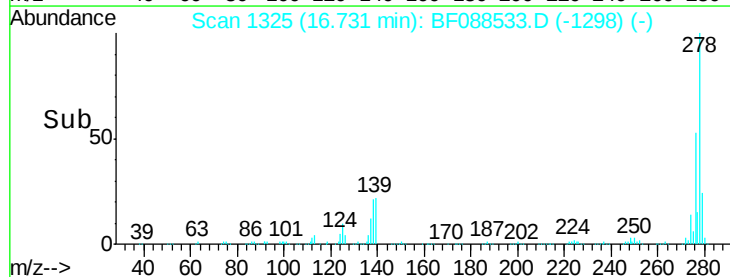
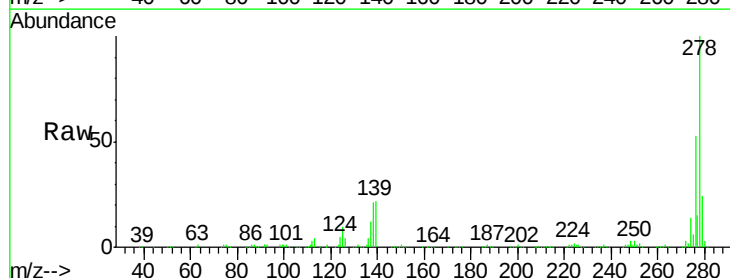
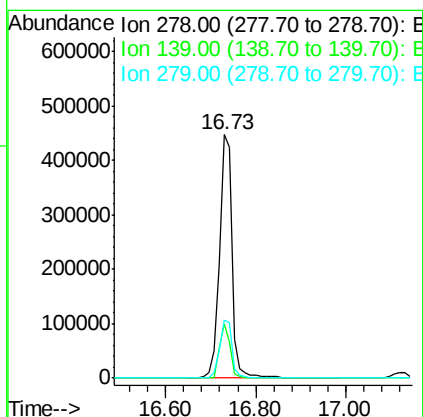
Manual Integrations

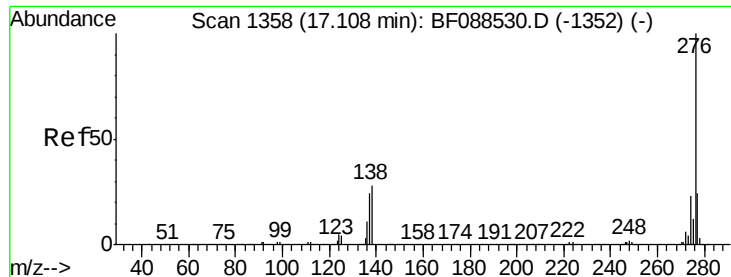
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#90
Dibenzo(a,h)anthracene
Concen: 85.23 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF088533.D
Acq: 30 Jun 2016 17:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.7	23.5
279	23.6	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 88.31 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: BF088533.D
 Acq: 30 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:	276	Resp:	944645
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	25.1	21.4	32.2

Manual Integrations

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