

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088538.D
 Acq On : 30 Jun 2016 19:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:13 AM

Quant Time: Jul 01 01:54:41 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 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118860	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	510393	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225463	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	413111	20.00	ng	0.00
75) Chrysene-d12	13.95	240	267828	20.00	ng	0.00
86) Perylene-d12	15.35	264	228040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	657459	82.90	ng	0.00
7) Phenol-d6	6.44	99	791318	77.22	ng	0.00
23) Nitrobenzene-d5	7.38	82	743105	76.30	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	175973	84.05	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1038213	72.74	ng	0.00
78) Terphenyl-d14	12.91	244	963519	80.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	153710	39.09	ng	# 32
3) Pyridine	3.08	79	442748	38.80	ng	95
4) n-Nitrosodimethylamine	3.04	42	169018	38.78	ng	88
6) Aniline	6.48	93	603102	40.38	ng	100
8) 2-Chlorophenol	6.59	128	324349	38.05	ng	93
9) Benzaldehyde	6.35	77	255597	36.82	ng	82
10) Phenol	6.46	94	473848	40.52	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	336156	38.54	ng	# 80
12) 1,3-Dichlorobenzene	6.75	146	345369	36.82	ng	96
13) 1,4-Dichlorobenzene	6.83	146	370048	39.75	ng	97
14) 1,2-Dichlorobenzene	6.99	146	327355	37.57	ng	98
15) Benzyl Alcohol	6.96	79	308275	40.87	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	506803	40.13	ng	94
17) 2-Methylphenol	7.07	107	282679	40.65	ng	98
18) Hexachloroethane	7.34	117	146531	40.69	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	244437	35.51	ng	94
20) 3+4-Methylphenols	7.22	107	311635	37.34	ng	# 84
22) Acetophenone	7.23	105	481442	38.86	ng	# 97
24) Nitrobenzene	7.40	77	379187	38.61	ng	100
25) Isophorone	7.64	82	677311	37.54	ng	98
26) 2-Nitrophenol	7.71	139	149696	37.17	ng	95
27) 2,4-Dimethylphenol	7.76	122	330501	39.41	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	428735	36.52	ng	98
29) 2,4-Dichlorophenol	7.95	162	248987	36.73	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	290351	39.03	ng	99
31) Naphthalene	8.12	128	998481	39.68	ng	99
32) Benzoic acid	7.87	122	236994	38.92	ng	92
33) 4-Chloroaniline	8.17	127	427891	38.22	ng	98
34) Hexachlorobutadiene	8.25	225	161312	40.50	ng	98
35) Caprolactam	8.55	113	93219	40.49	ng	# 67
36) 4-Chloro-3-methylphenol	8.65	107	307169	38.32	ng	96
37) 2-Methylnaphthalene	8.81	142	563588	34.79	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	311648	41.56	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	144441	39.24	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	180460	36.50	ng	96
43) 2,4,5-Trichlorophenol	9.12	196	175970	41.37	ng #	79
45) 1,1'-Biphenyl	9.28	154	763524	40.90	ng	99
46) 2-Chloronaphthalene	9.30	162	605113	41.29	ng	99
47) 2-Nitroaniline	9.39	65	227376	43.71	ng	95
48) Acenaphthylene	9.71	152	918093	39.37	ng	99
49) Dimethylphthalate	9.58	163	592511	36.89	ng	99
50) 2,6-Dinitrotoluene	9.63	165	132032	37.09	ng #	43
51) Acenaphthene	9.88	154	538741	37.69	ng	97
52) 3-Nitroaniline	9.80	138	202172	44.67	ng	95
53) 2,4-Dinitrophenol	9.91	184	61518	39.14	ng #	66
54) Dibenzofuran	10.06	168	731345	39.09	ng #	91
55) 4-Nitrophenol	9.95	139	147494	42.89	ng	97
56) 2,4-Dinitrotoluene	10.03	165	182714	39.25	ng #	54
57) Fluorene	10.40	166	596961	41.40	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	135583	41.20	ng #	48
59) Diethylphthalate	10.27	149	645047	40.01	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	242671	36.22	ng	89
61) 4-Nitroaniline	10.41	138	157617	36.19	ng	86
62) Azobenzene	10.55	77	699860	38.06	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	93784	42.44	ng #	57
65) n-Nitrosodiphenylamine	10.51	169	576029	41.20	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	159165	38.23	ng #	84
67) Hexachlorobenzene	10.95	284	186395	40.45	ng #	74
68) Atrazine	11.04	200	177771	40.80	ng	93
69) Pentachlorophenol	11.13	266	111520	40.89	ng	97
70) Phenanthrene	11.35	178	840607	37.22	ng	99
71) Anthracene	11.41	178	888010	39.55	ng	100
72) Carbazole	11.55	167	735699	34.81	ng	99
73) Di-n-butylphthalate	11.90	149	889735	36.19	ng	99
74) Fluoranthene	12.54	202	915307	39.98	ng	100
76) Benzidine	12.66	184	532863	39.36	ng	99
77) Pyrene	12.77	202	969453	42.69	ng	100
79) Butylbenzylphthalate	13.39	149	389259	38.43	ng	98
80) Benzo(a)anthracene	13.94	228	657976	38.15	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	234434	36.16	ng #	94
82) Chrysene	13.98	228	618026	36.22	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	469829	40.63	ng	99
84) Di-n-octyl phthalate	14.56	149	761287	38.75	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	494336	37.66	ng #	100
87) Benzo(b)fluoranthene	14.96	252	563104m	39.36	ng	
88) Benzo(k)fluoranthene	14.98	252	485604m	38.99	ng	
89) Benzo(a)pyrene	15.29	252	487680	40.27	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	420212	41.55	ng	99
91) Benzo(g,h,i)perylene	17.11	276	442983	42.33	ng	100

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

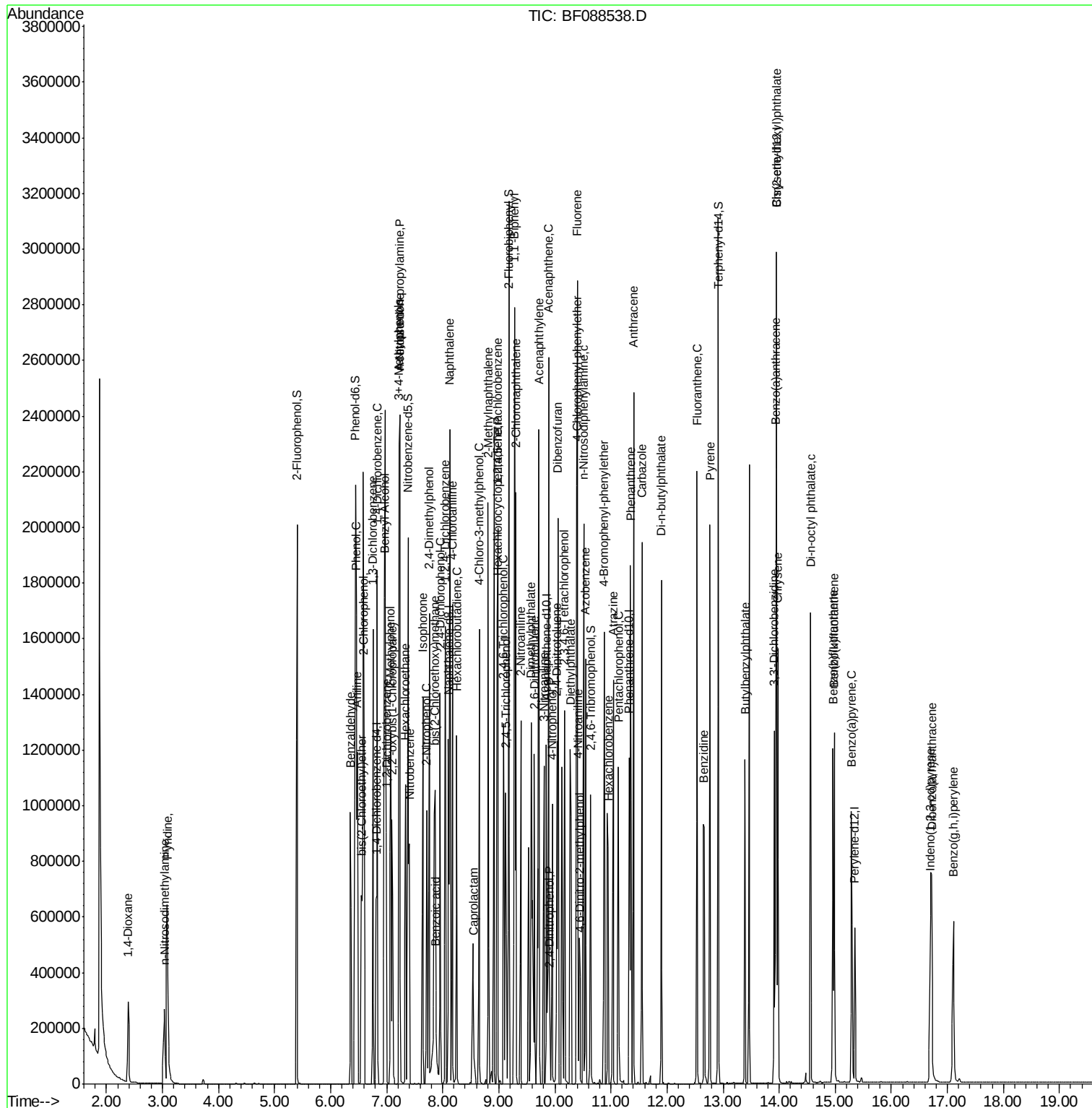
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\  
Data File : BF088538.D  
Acq On    : 30 Jun 2016   19:31  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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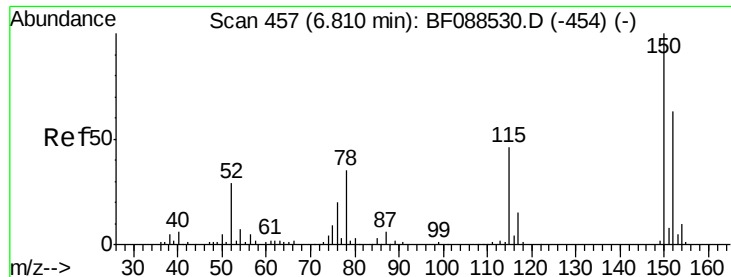
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations

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#1

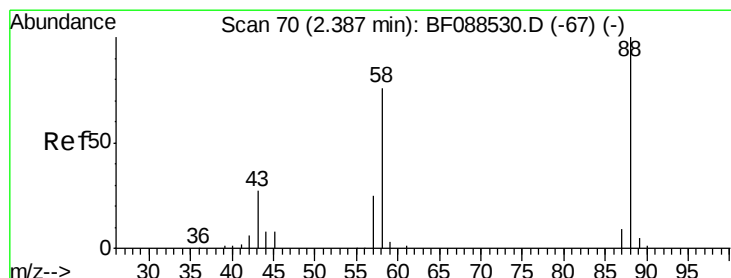
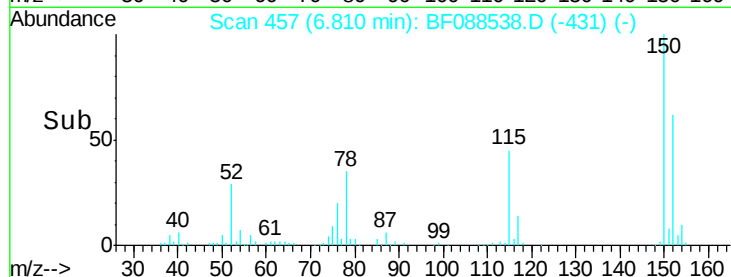
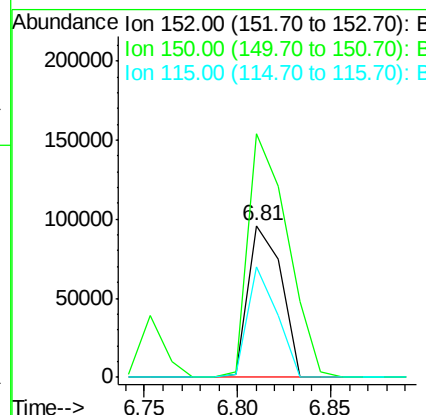
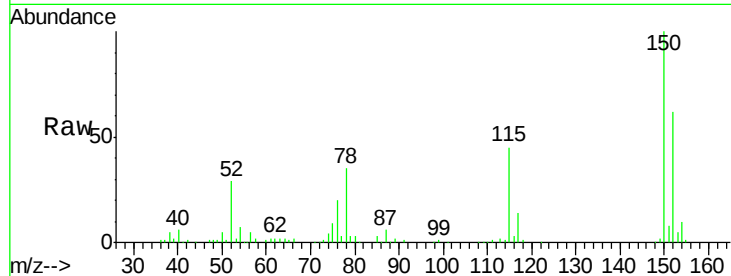
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.8	185.6
115	72.7	39.6	59.4

Manual Integrations

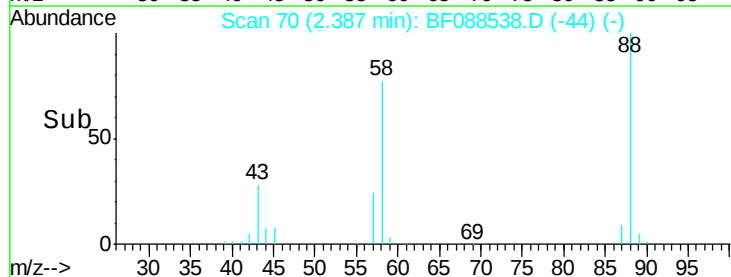
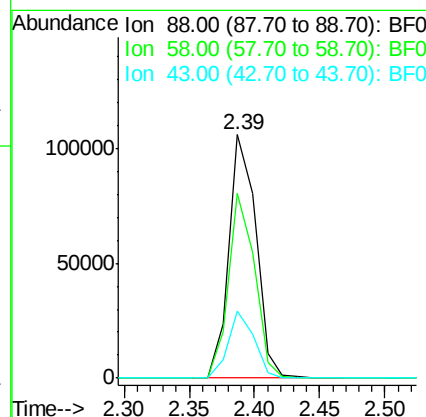
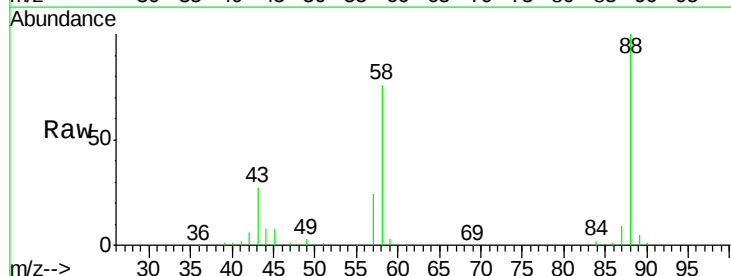
SOHIL
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#2

1,4-Dioxane
Concen: 39.09 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	0.0	0.0
43	26.7	3.4	5.2





#3

Pyridine

Concen: 38.80 ng

RT: 3.08 min Scan# 131

Delta R.T. 0.00 min

Lab File: BF088538.D

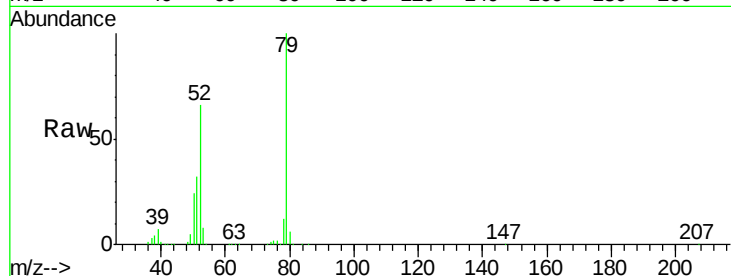
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 79 Resp: 442748

Ion Ratio Lower Upper

79 100

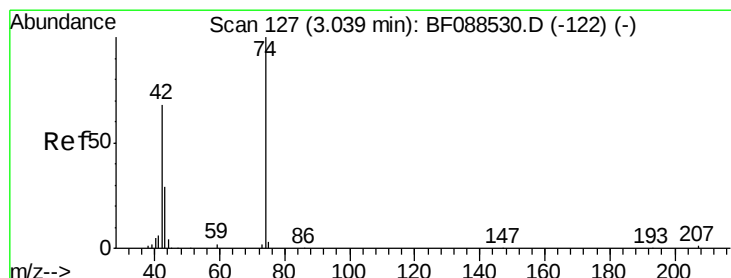
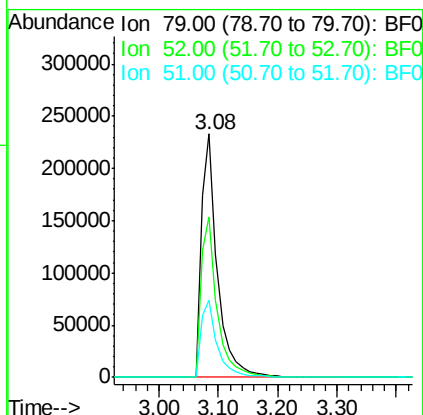
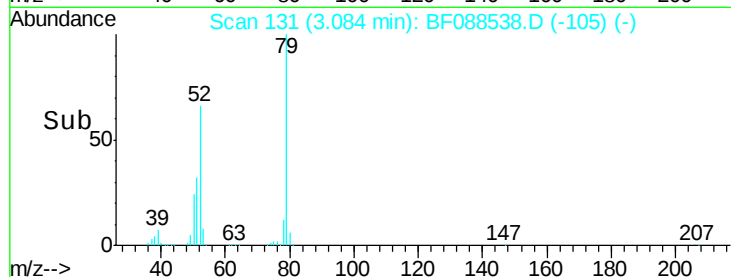
52 66.1 56.3 84.5

51 31.7 27.4 41.2

Manual Integrations

SOHIL

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#4

n-Nitrosodimethylamine

Concen: 38.78 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

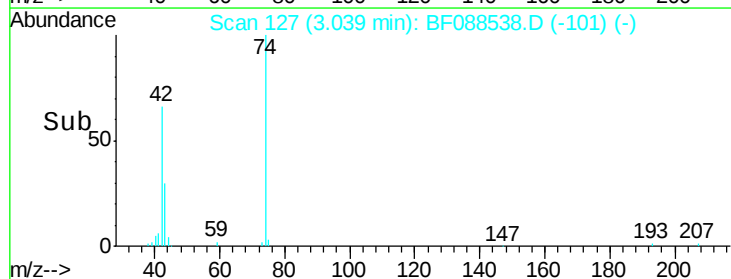
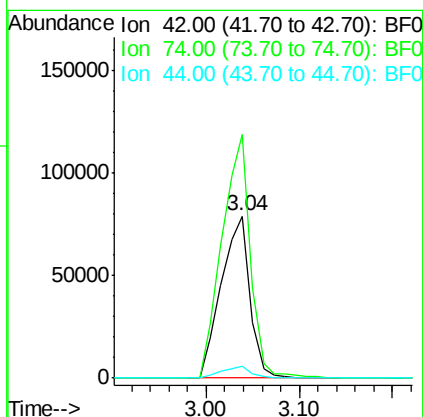
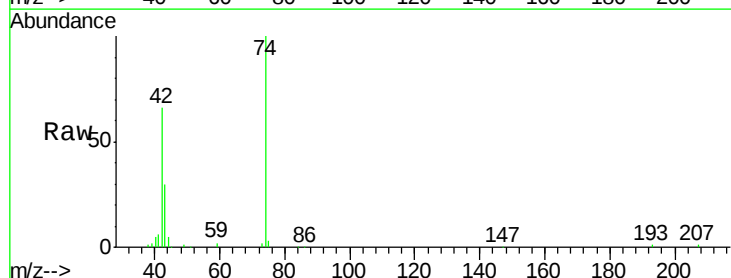
Tgt Ion: 42 Resp: 169018

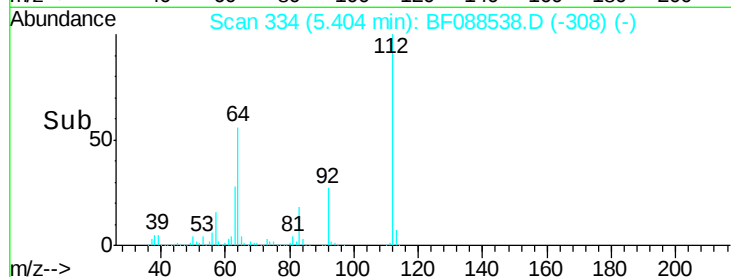
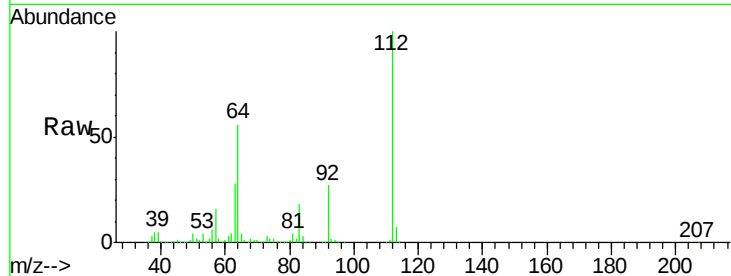
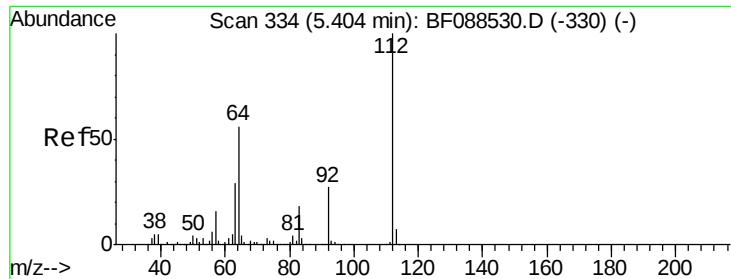
Ion Ratio Lower Upper

42 100

74 150.5 108.6 163.0

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 82.90 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	112	Resp:	657459
Ion Ratio	Lower	Upper	
112	100		
64	55.8	42.2	63.2
63	28.4	21.8	32.8

Instrument :

BNA_F

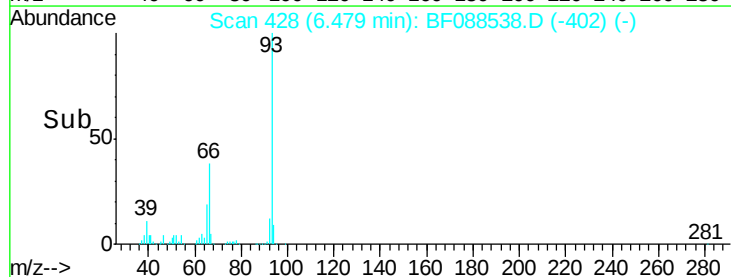
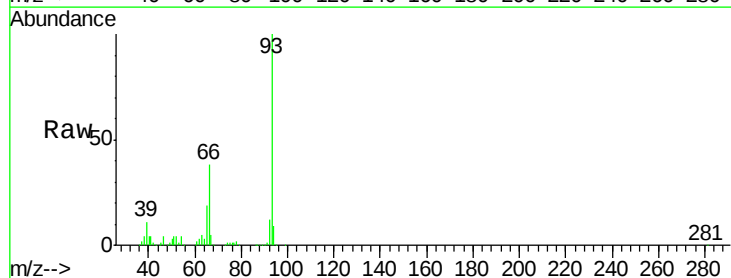
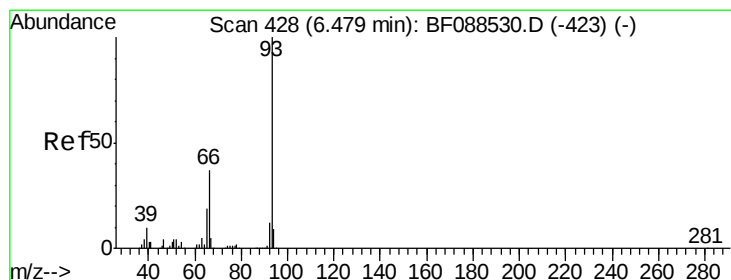
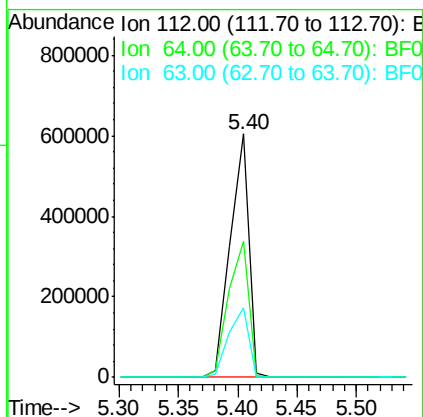
ClientSampleId :

SSTDCCC040EC

Manual Integrations

SOHIL

7/1/2016 8:05:13 AM



#6

Aniline

Concen: 40.38 ng

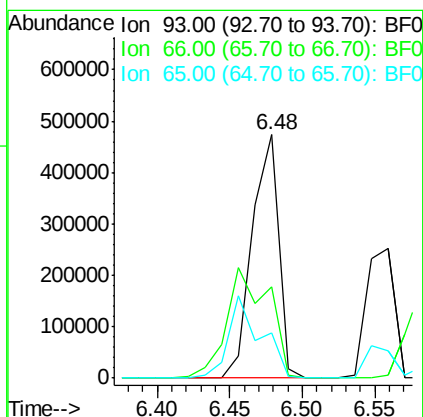
RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	93	Resp:	603102
Ion Ratio	Lower	Upper	
93	100		
66	37.6	29.8	44.8
65	18.6	14.9	22.3





#7

Phenol-d6

Concen: 77.22 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088538.D

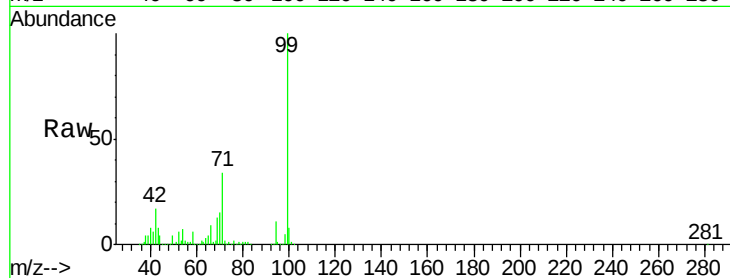
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 99 Resp: 791318

Ion Ratio Lower Upper

99 100

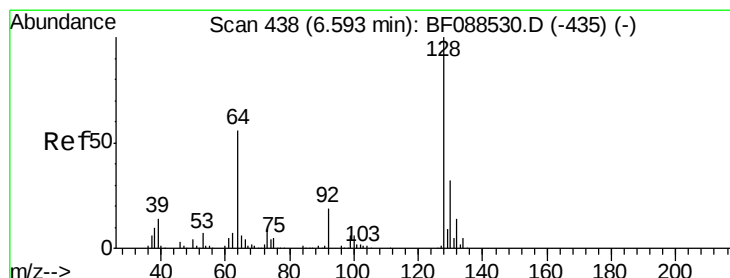
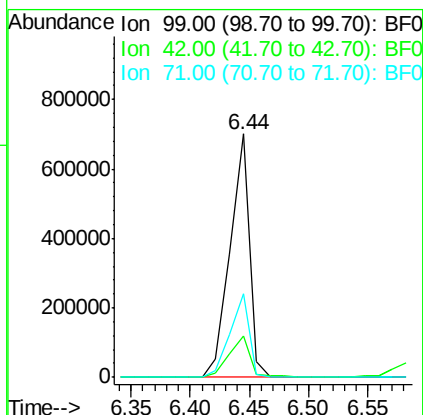
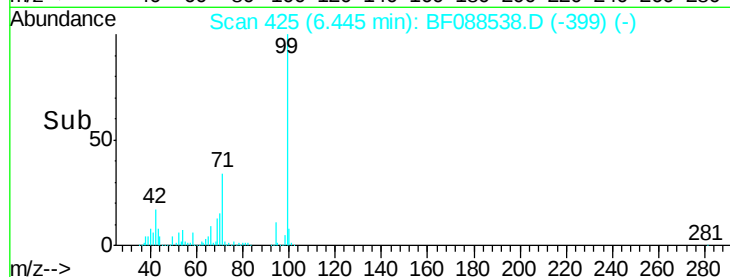
42 17.2 12.2 18.2

71 34.2 23.4 35.0

Manual Integrations

SOHIL

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#8

2-Chlorophenol

Concen: 38.05 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

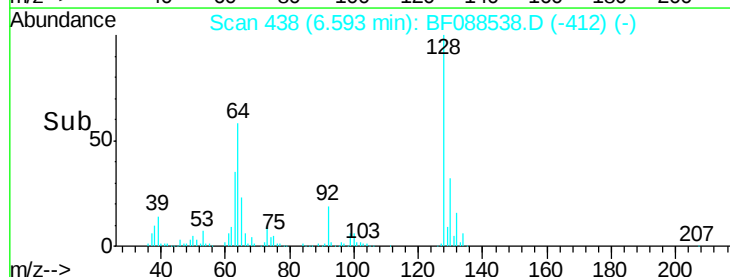
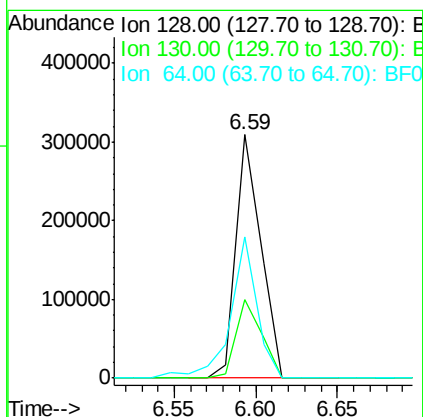
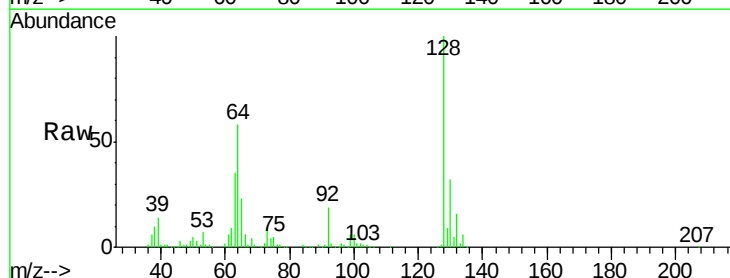
Tgt Ion: 128 Resp: 324349

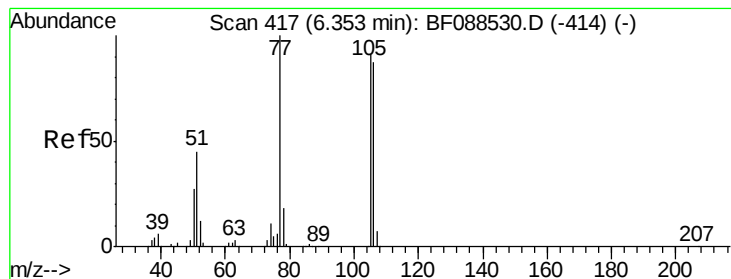
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 58.2 30.8 70.8





#9

Benzaldehyde

Concen: 36.82 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088538.D

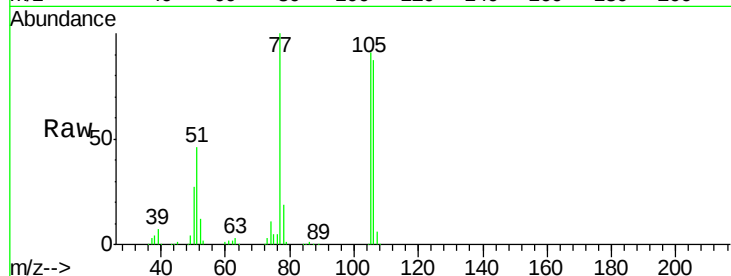
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

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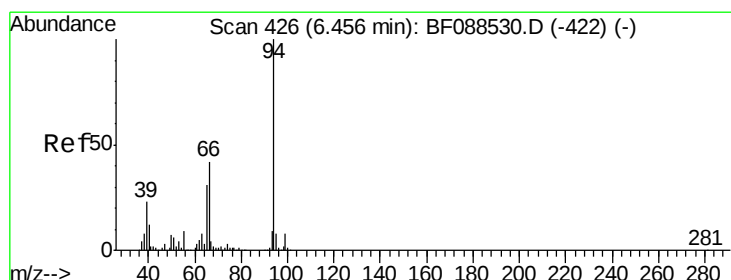
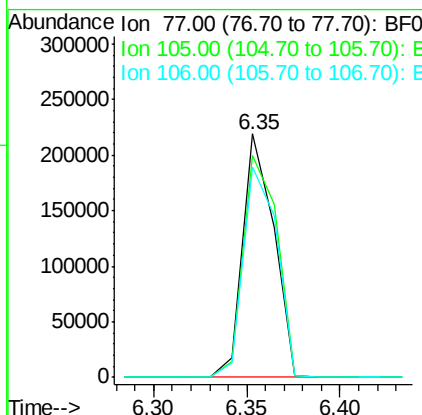
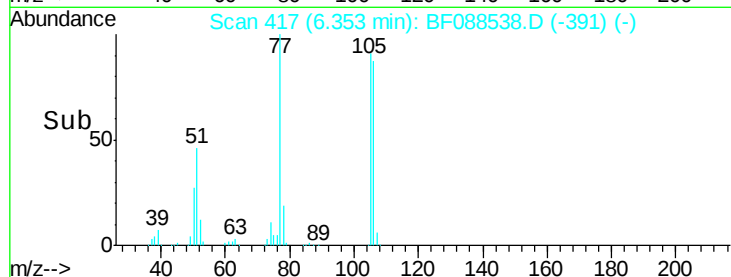


Tgt Ion:	77	Resp:	255597
Ion Ratio	Lower	Upper	
77	100		
105	91.2	90.6	130.6
106	86.6	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 40.52 ng

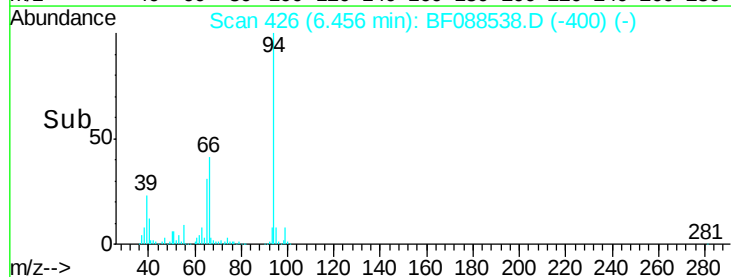
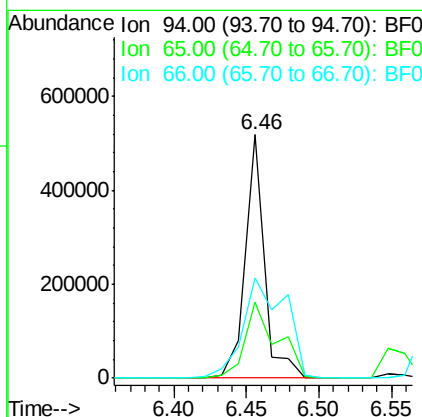
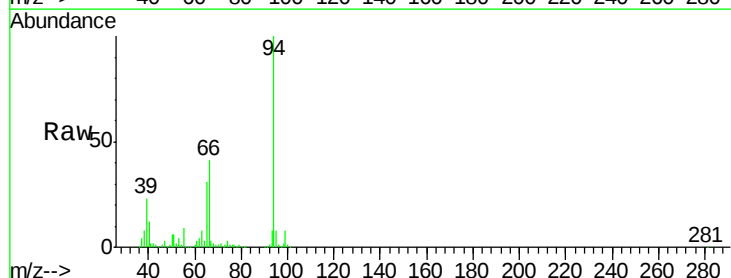
RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	94	Resp:	473848
Ion Ratio	Lower	Upper	
94	100		
65	31.0	5.9	45.9
66	41.3	14.0	54.0





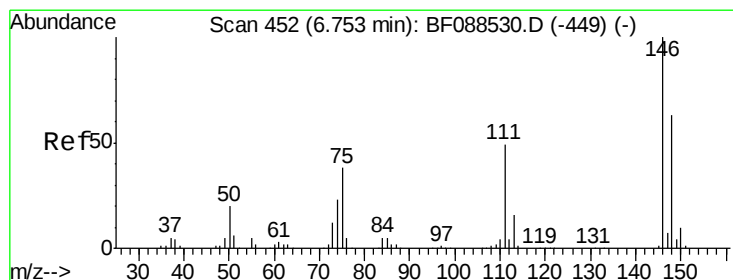
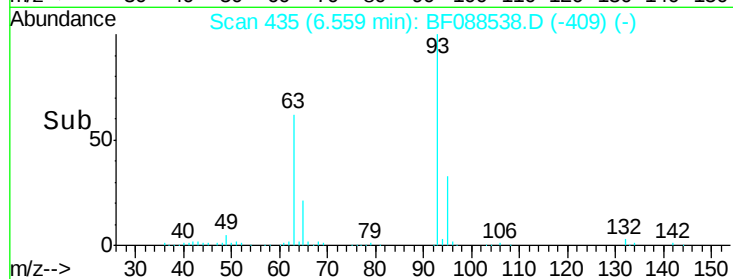
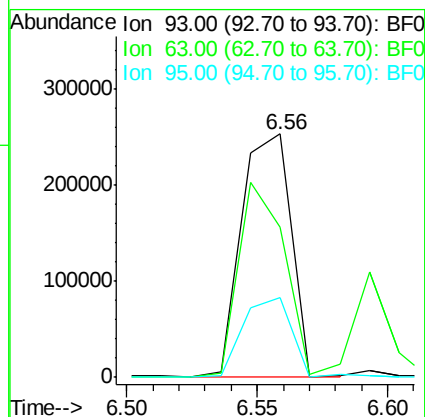
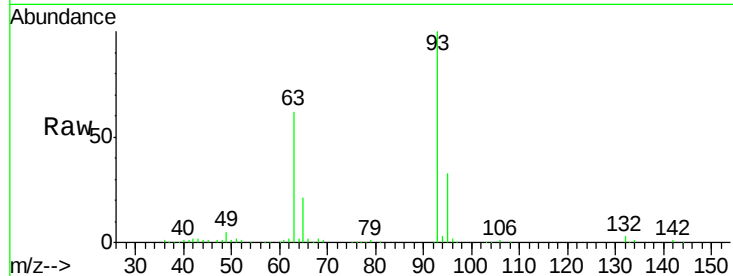
#11
bis(2-Chloroethyl)ether
Concen: 38.54 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	61.7	67.6	107.6#
95	32.5	12.5	52.5

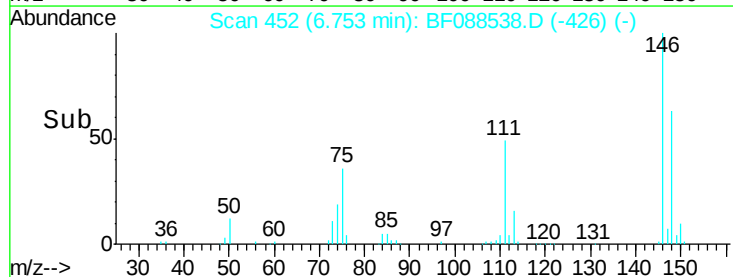
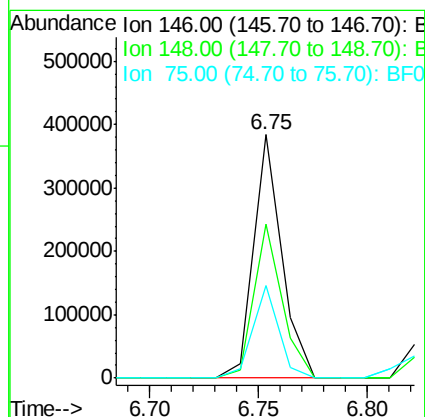
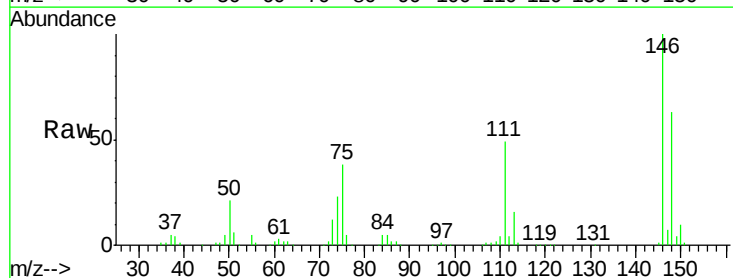
Manual Integrations

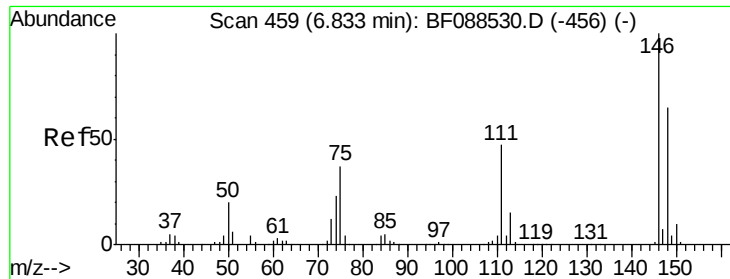
APPROVED
SOHIL
7/1/2016 8:05:13 AM



#12
1,3-Dichlorobenzene
Concen: 36.82 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
75	37.9	25.6	38.4





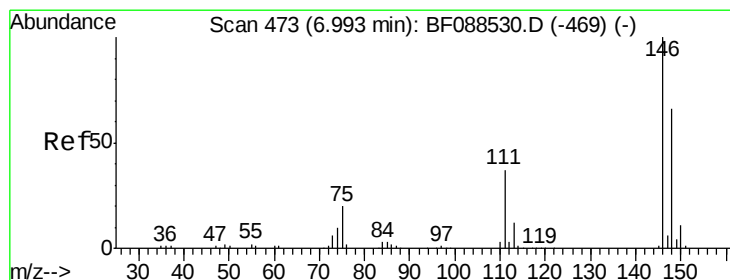
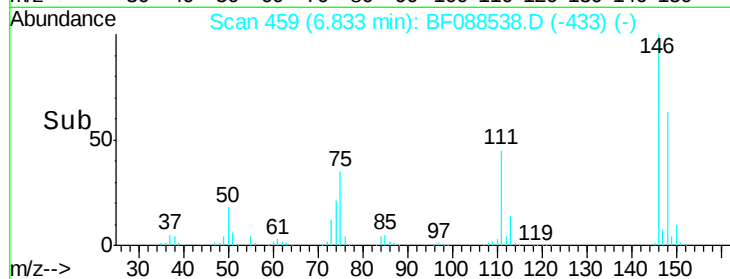
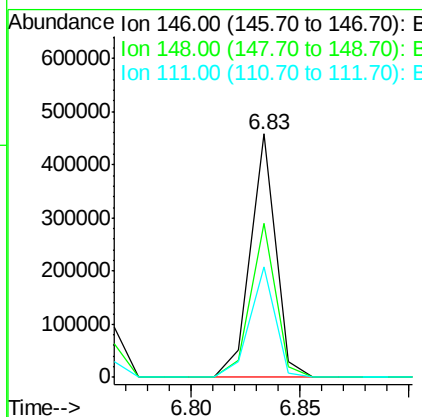
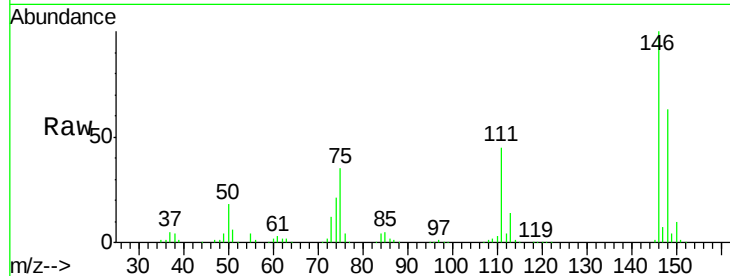
#13
 1,4-Dichlorobenzene
 Concen: 39.75 ng
 RT: 6.83 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.0	78.0
111	45.3	33.8	50.8

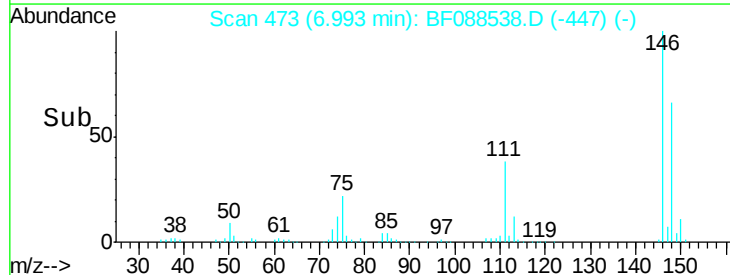
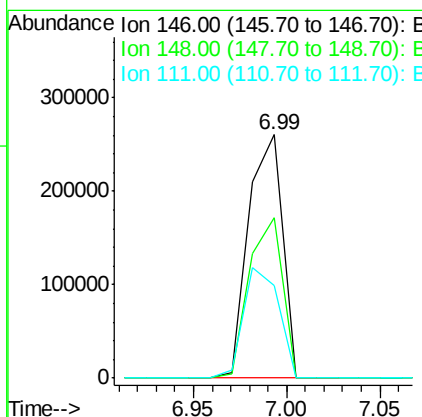
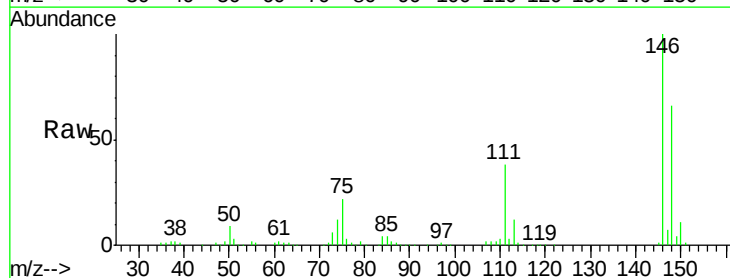
Manual Integrations

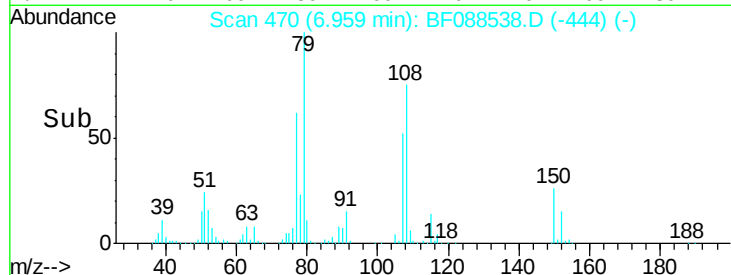
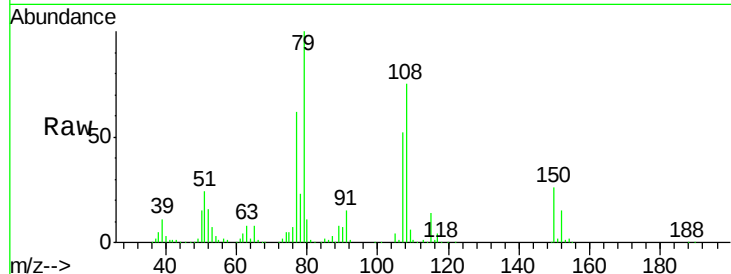
SOHIL
 7/1/2016 8:05:13 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.57 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.3	78.5
111	38.0	28.7	43.1





#15

Benzyl Alcohol

Concen: 40.87 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	79	Resp:	308275
Ion	Ratio	Lower	Upper
79	100		
108	74.6	65.0	97.6
77	61.6	50.3	75.5

Instrument :

BNA_F

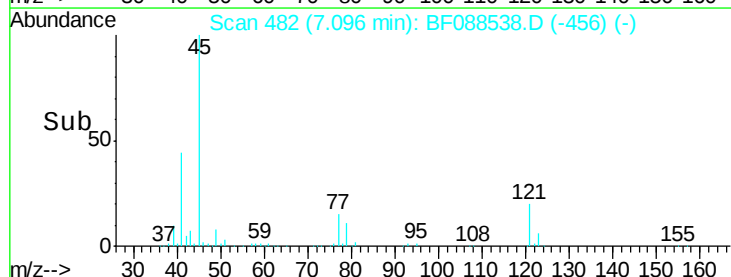
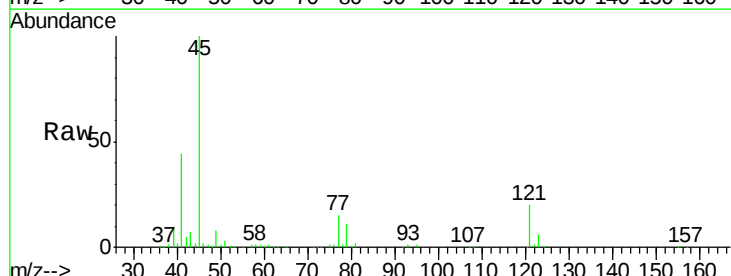
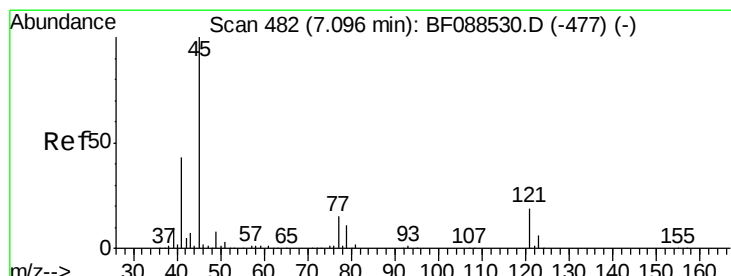
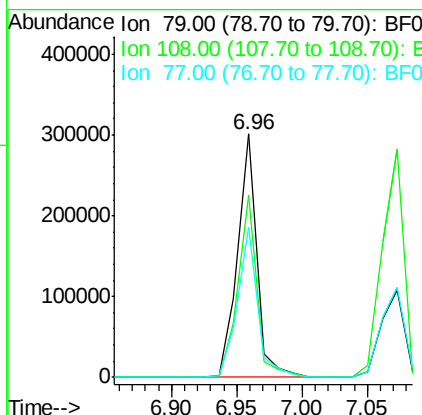
ClientSampleId :

SSTDCCC040EC

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.13 ng

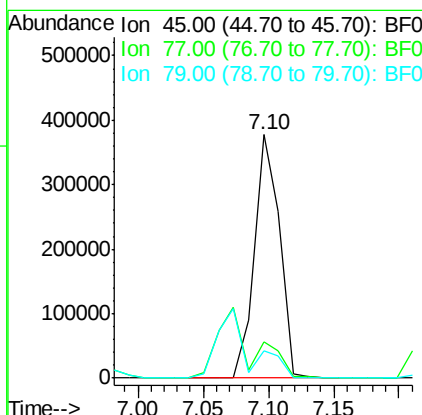
RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	45	Resp:	506803
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	32.5
79	11.3	0.0	29.5





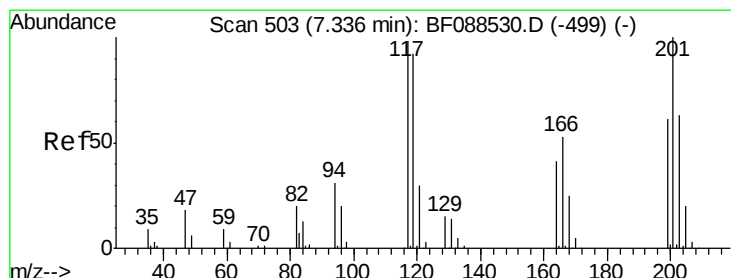
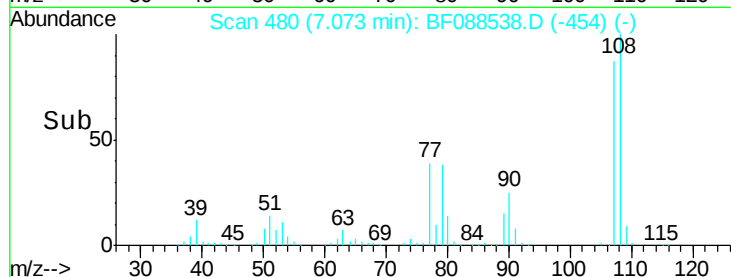
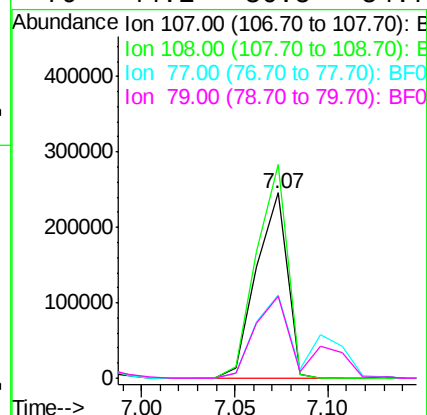
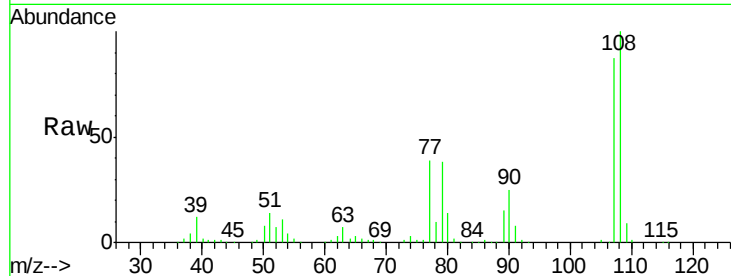
#17
2-Methylphenol
Concen: 40.65 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	282679		
108	115.3	90.9	136.3	
77	45.1	36.6	55.0	
79	44.1	36.5	54.7	

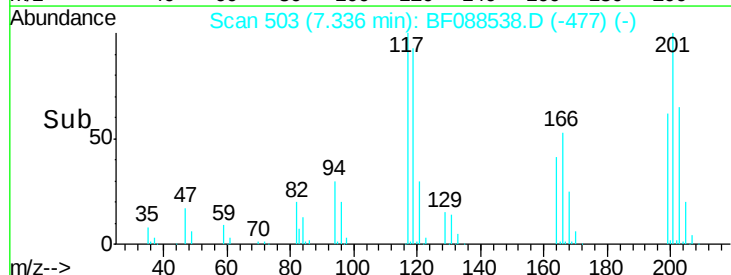
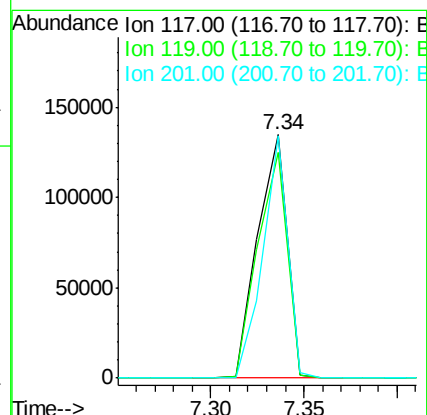
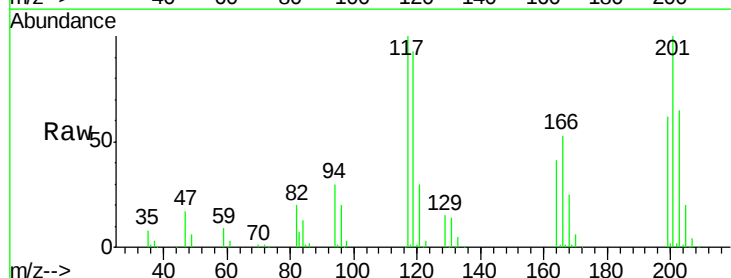
Manual Integrations

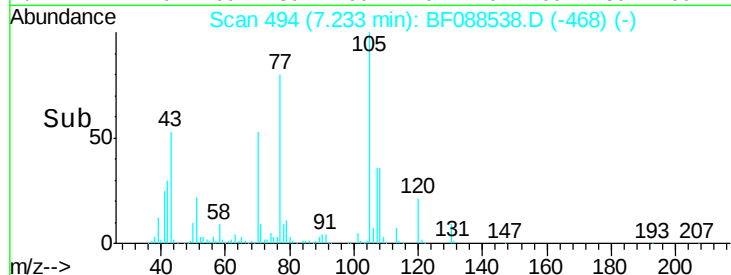
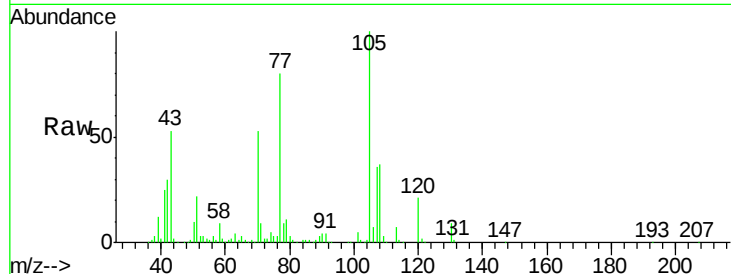
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#18
Hexachloroethane
Concen: 40.69 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	146531		
119	92.7	77.4	116.2	
201	99.6	80.4	120.6	





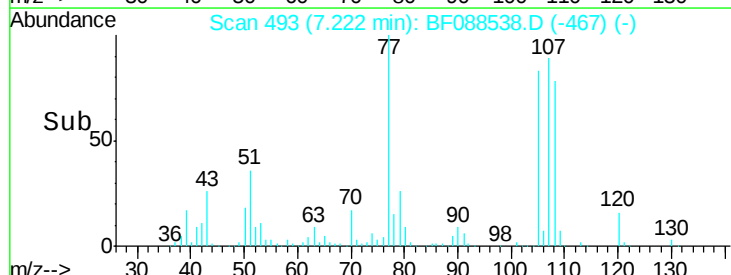
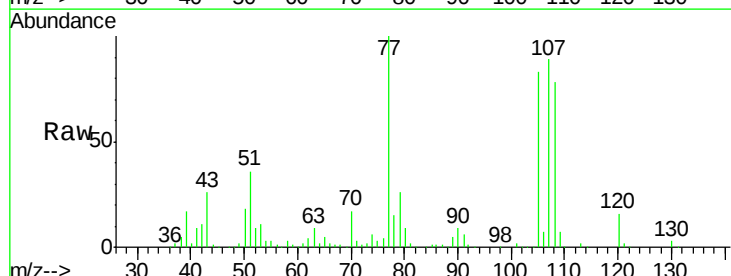
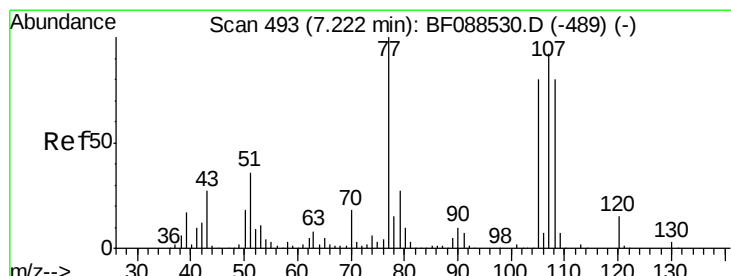
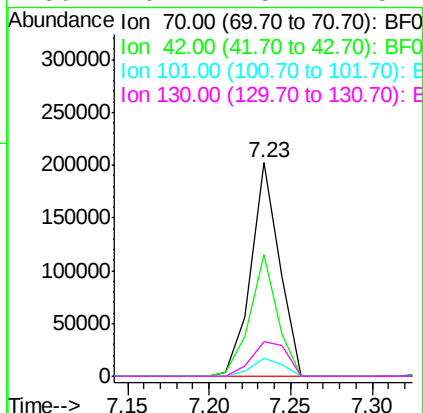
#19
n-Nitroso-di-n-propylamine
Concen: 35.51 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.1	49.6	74.4
101	8.7	7.1	10.7
130	16.4	15.4	23.2

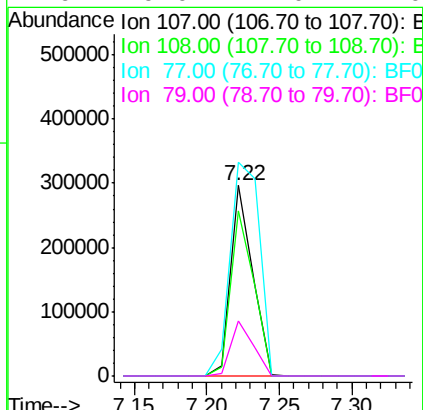
Manual Integrations

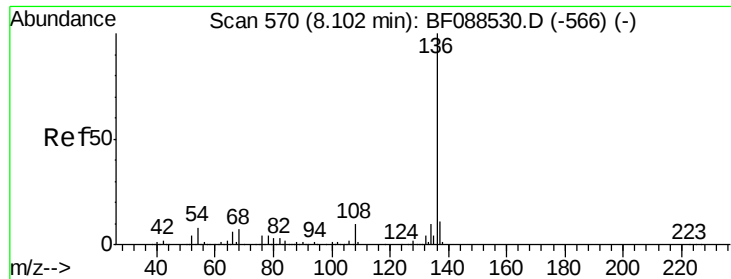
SOHIL
7/1/2016 8:05:13 AM



#20
3+4-Methylphenols
Concen: 37.34 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.8	107.8
77	112.2	59.3	99.3#
79	29.0	7.0	47.0





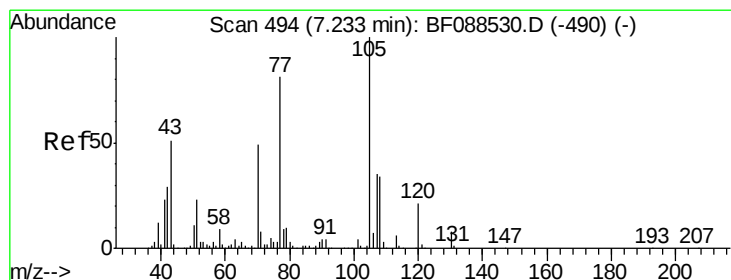
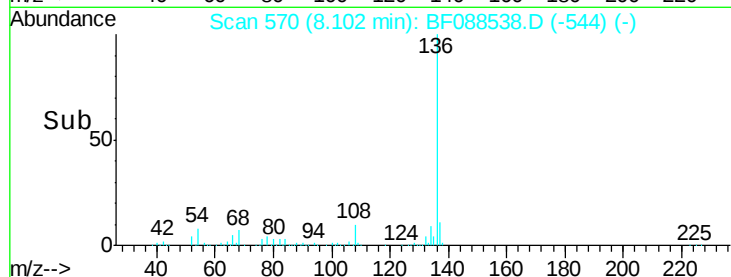
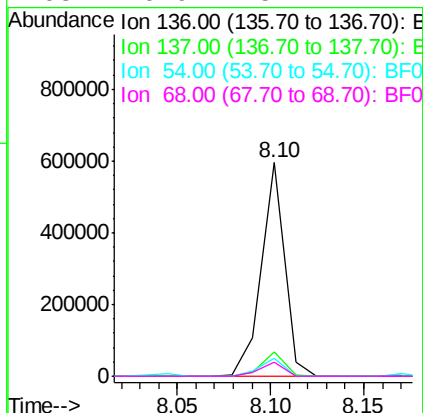
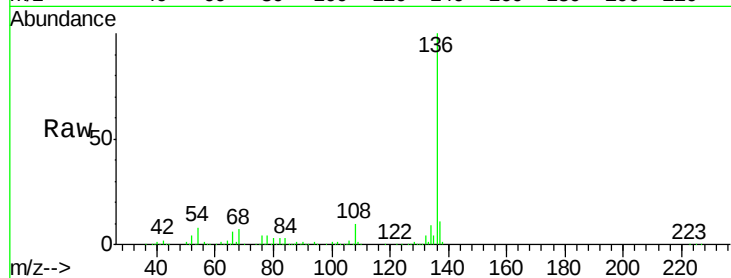
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	510393		
137	11.1	9.1	13.7	
54	8.2	6.6	10.0	
68	6.9	5.1	7.7	

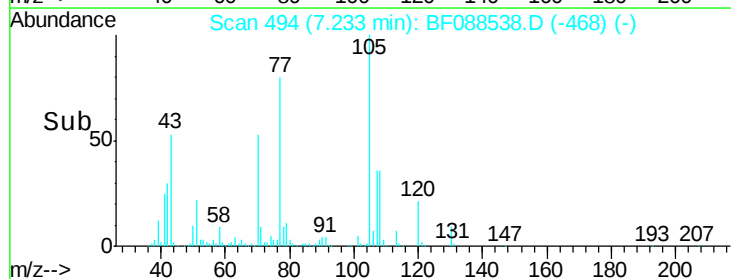
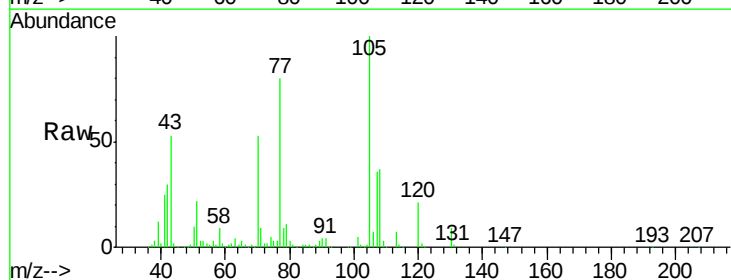
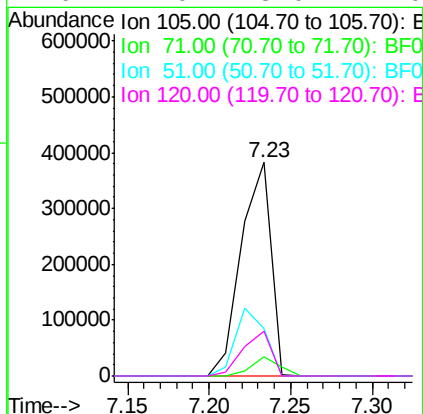
Manual Integrations

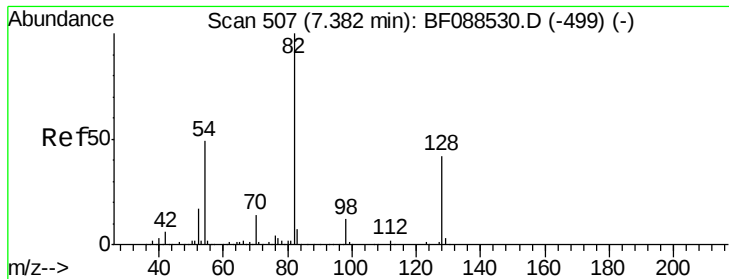
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#22
Acetophenone
Concen: 38.86 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	481442		
71	8.8	5.3	7.9#	
51	22.3	18.2	27.4	
120	21.0	18.0	27.0	





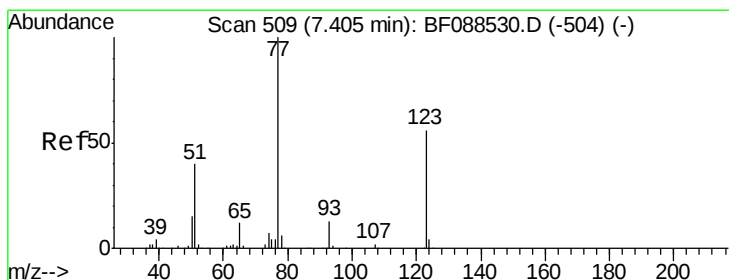
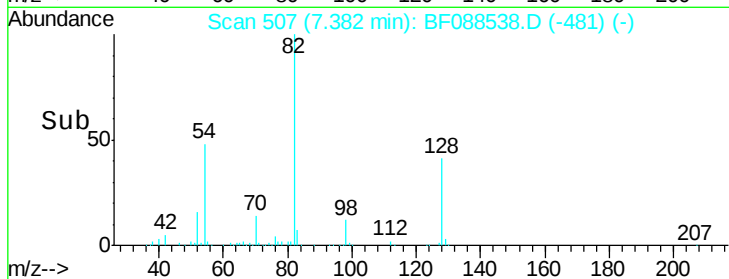
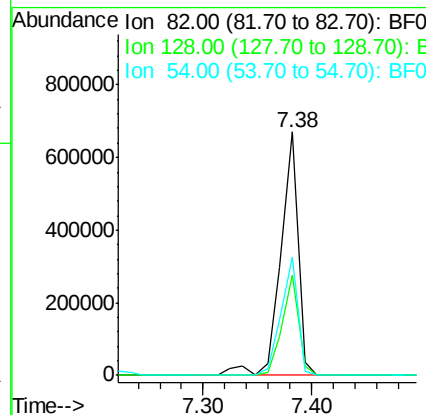
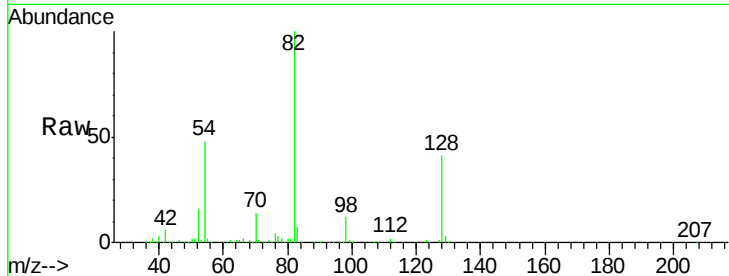
#23
 Nitrobenzene-d5
 Concen: 76.30 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.9	53.9
54	48.4	40.9	61.3

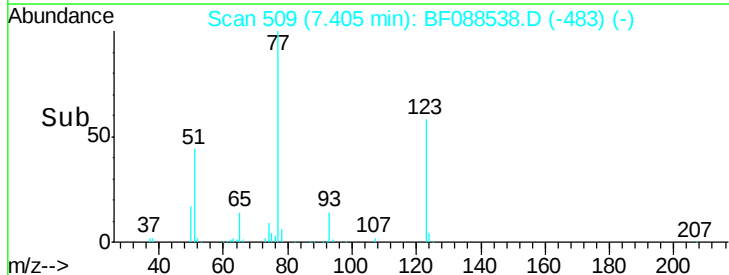
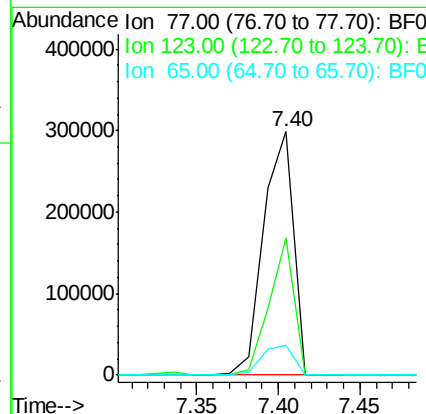
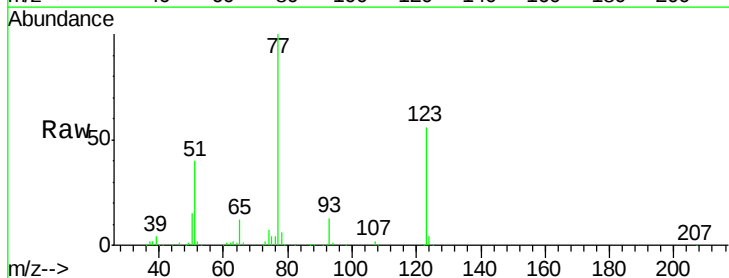
Manual Integrations

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 7/1/2016 8:05:13 AM



#24
 Nitrobenzene
 Concen: 38.61 ng
 RT: 7.40 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.3	45.0	67.4
65	12.2	10.2	15.2





#25

Isophorone

Concen: 37.54 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

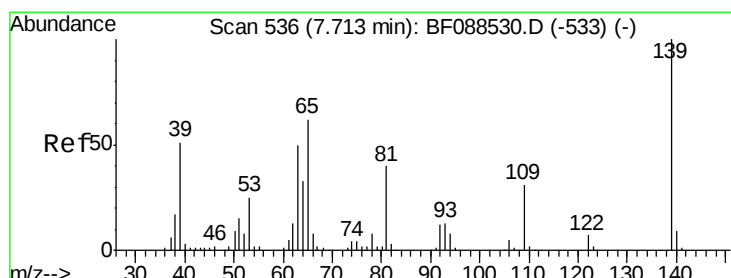
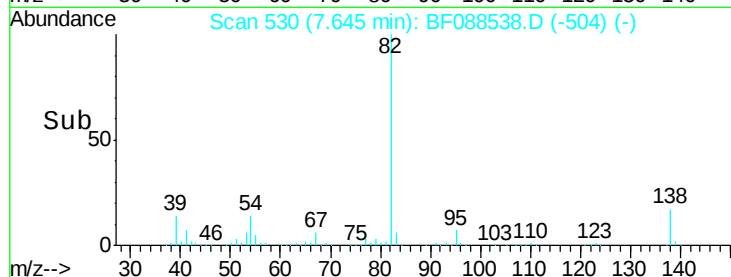
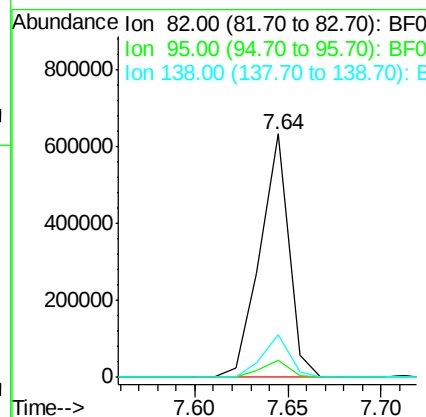
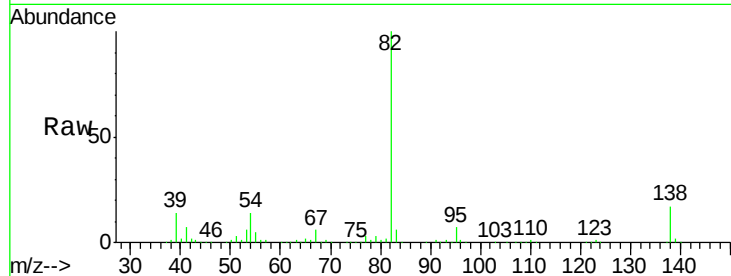
SSTDCCC040EC

Tgt Ion:	82	Resp:	677311
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.3	14.6	21.8

Manual Integrations

SOHIL

7/1/2016 8:05:13 AM



#26

2-Nitrophenol

Concen: 37.17 ng

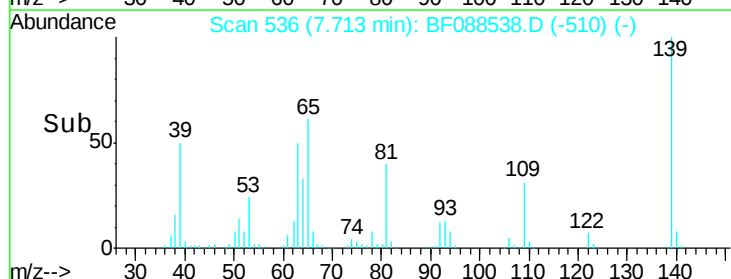
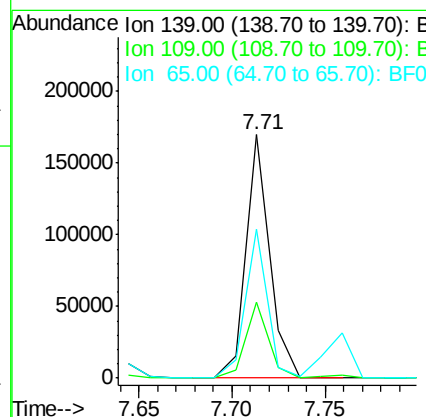
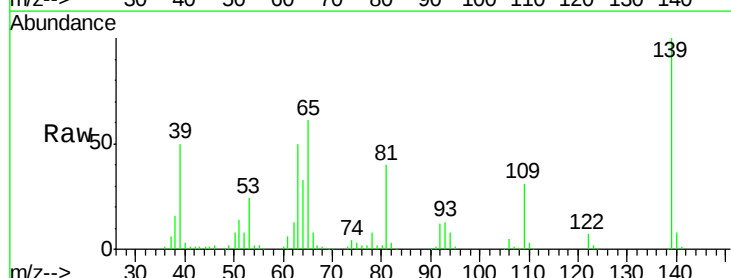
RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion:	139	Resp:	149696
Ion Ratio	Lower	Upper	
139	100		
109	31.2	23.0	34.4
65	60.9	45.8	68.8





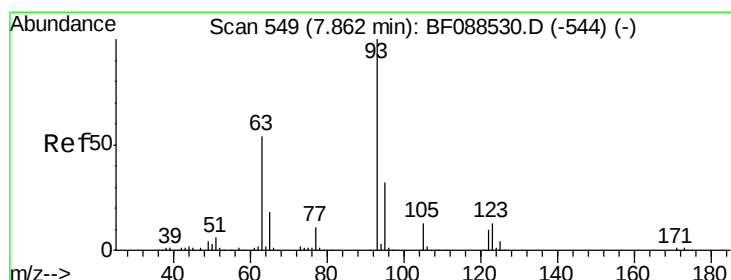
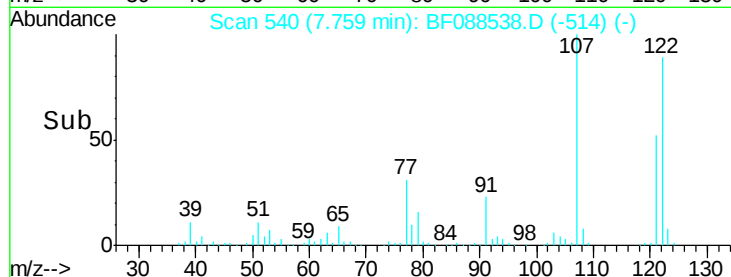
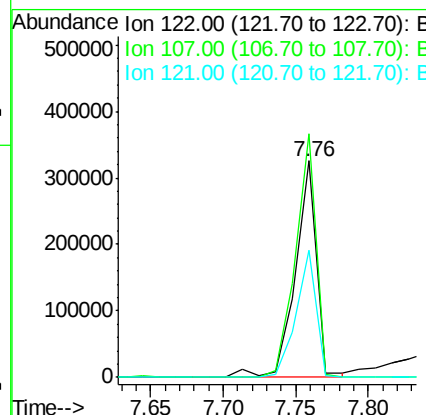
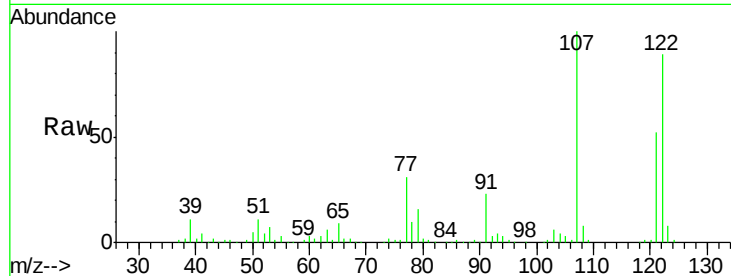
#27
 2,4-Dimethylphenol
 Concen: 39.41 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	82.4	123.6
121	58.6	46.3	69.5

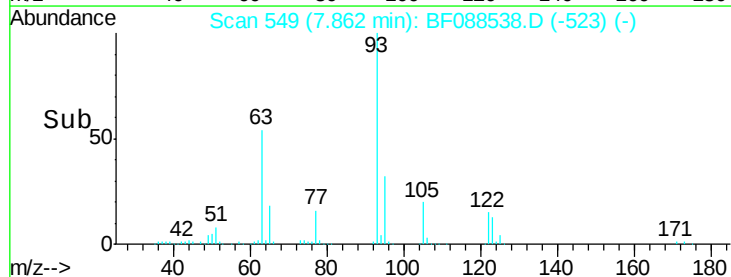
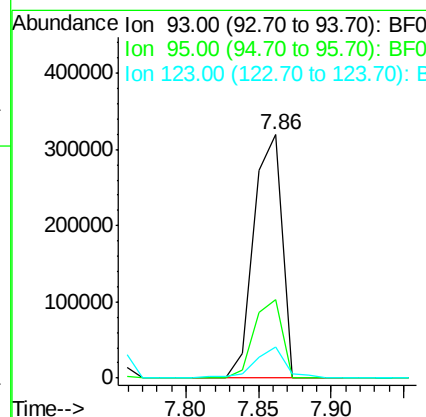
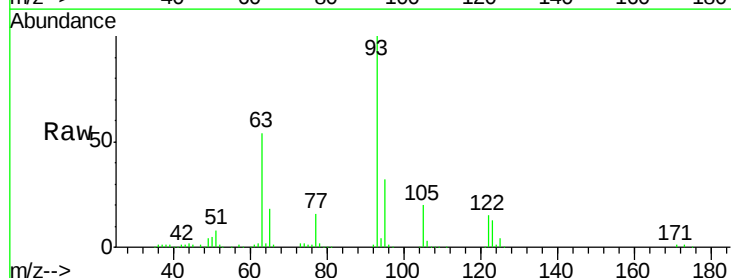
Manual Integrations

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 7/1/2016 8:05:13 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.52 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	12.8	11.6	17.4





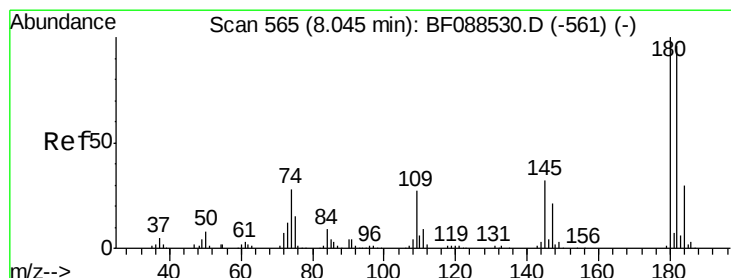
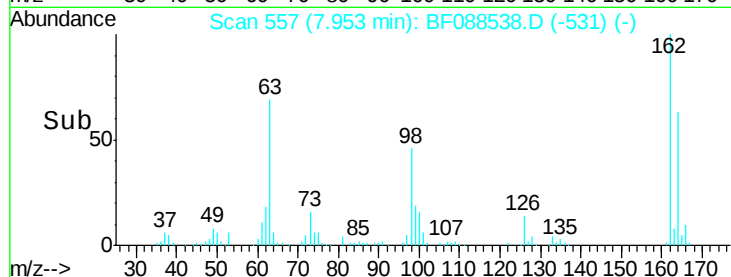
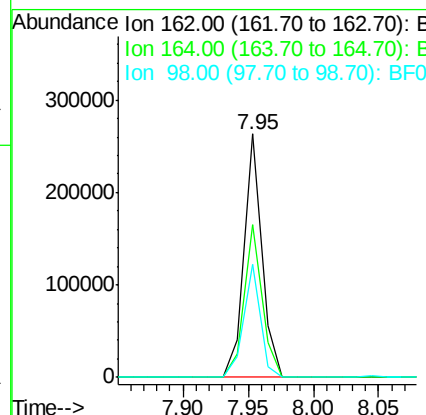
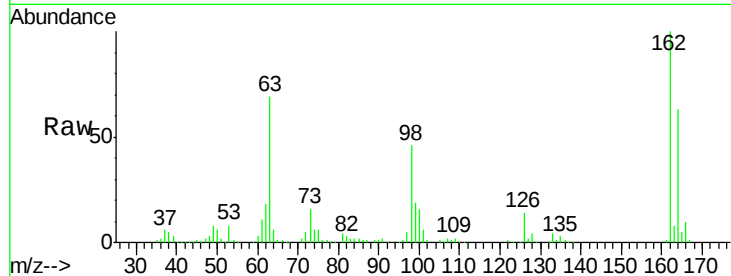
#29
 2,4-Dichlorophenol
 Concen: 36.73 ng
 RT: 7.95 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	162	Resp:	248987
Ion Ratio	Lower	Upper	
162	100		
164	63.0	43.8	83.8
98	46.4	21.3	61.3

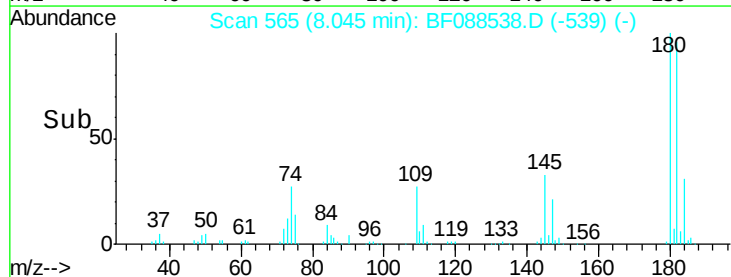
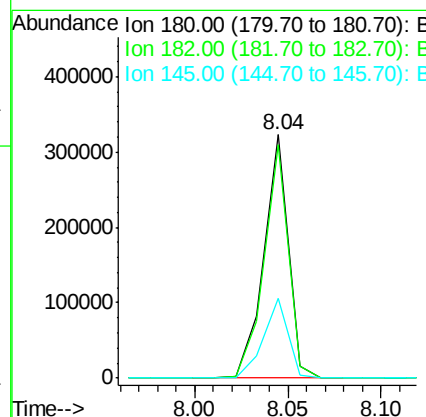
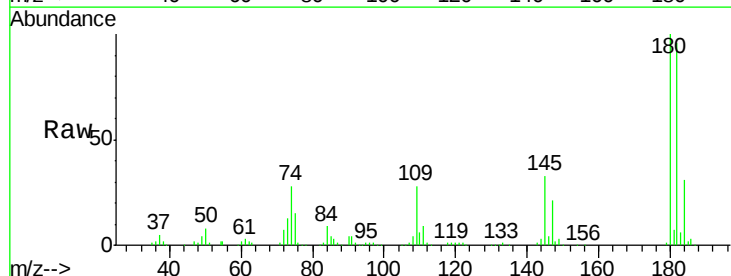
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.03 ng
 RT: 8.04 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:	180	Resp:	290351
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.0	114.0
145	33.0	26.5	39.7





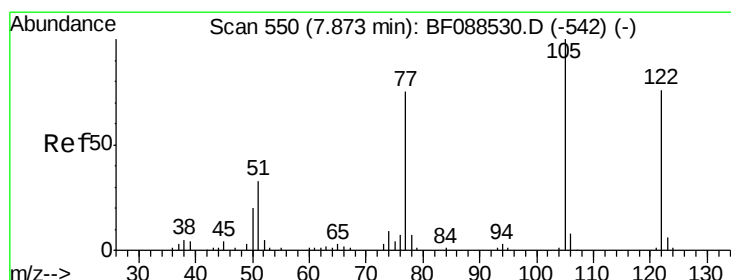
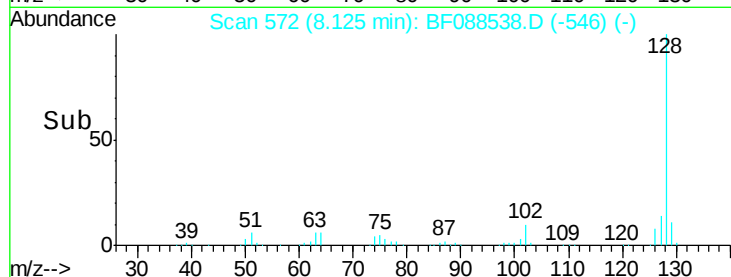
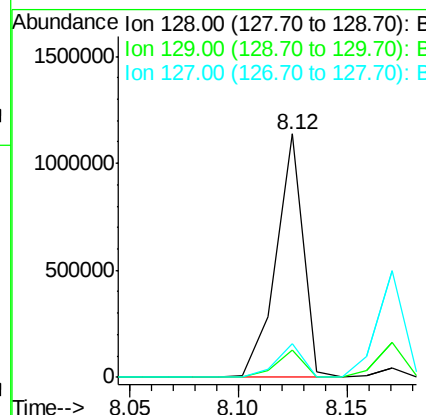
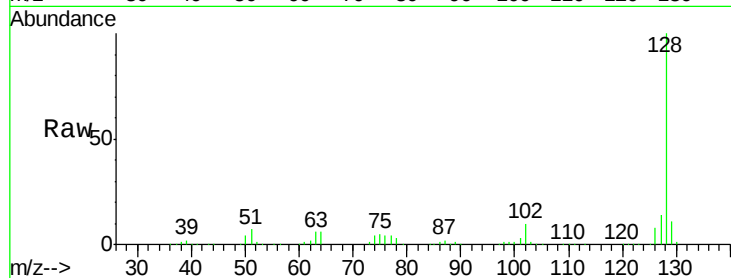
#31
Naphthalene
Concen: 39.68 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	998481		
129	11.4		9.4	14.2
127	13.7		10.9	16.3

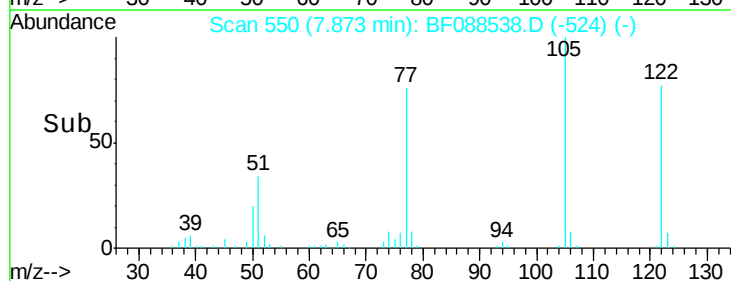
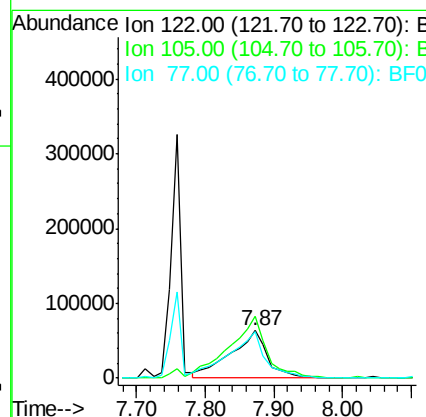
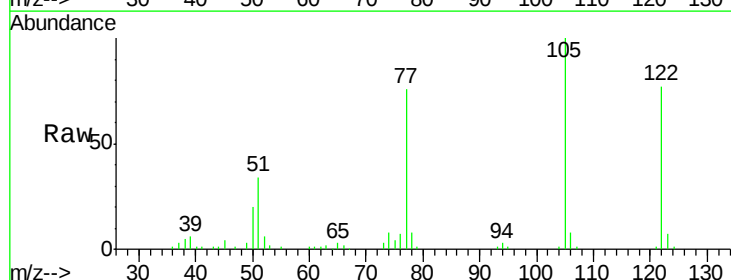
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#32
Benzoic acid
Concen: 38.92 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	236994		
105	129.5		101.6	141.6
77	98.7		70.6	110.6





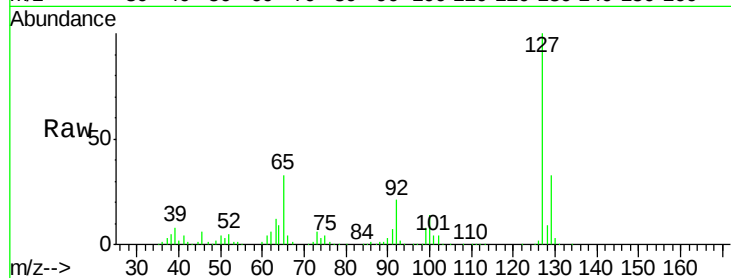
#33
4-Chloroaniline
Concen: 38.22 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

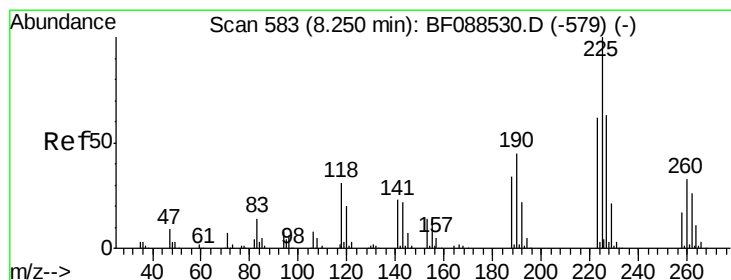
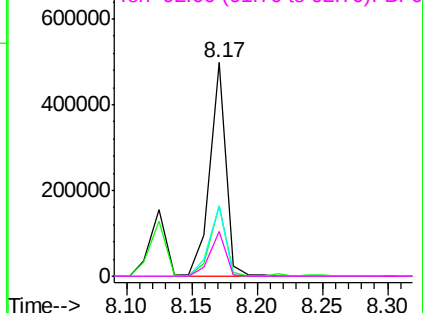
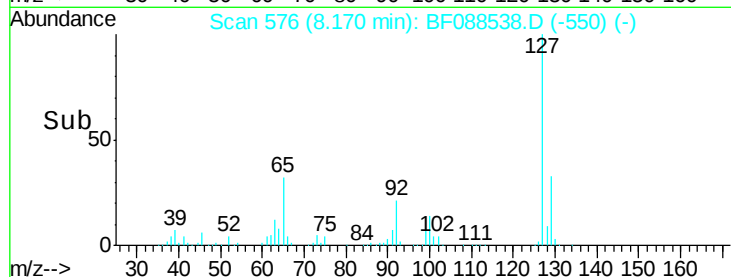
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	32.8	24.7	37.1
92	21.1	15.4	23.0

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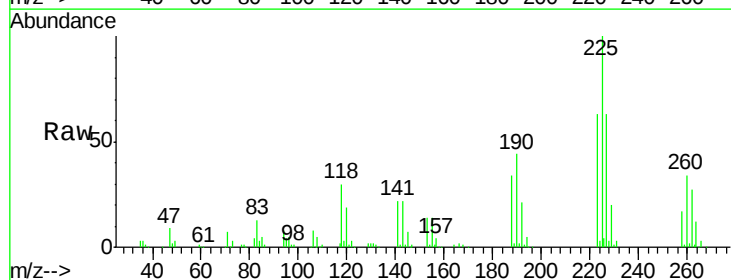


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

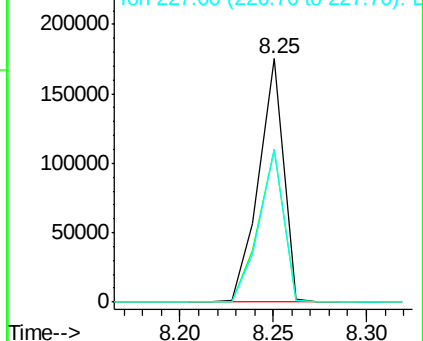
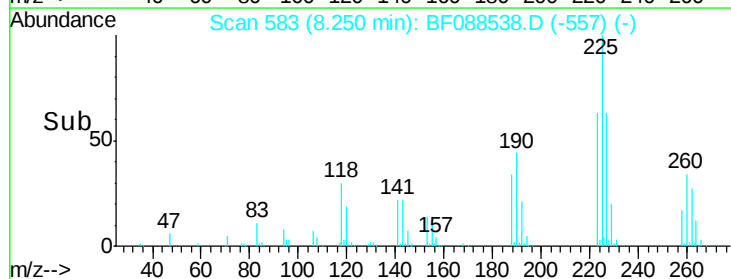


#34
Hexachlorobutadiene
Concen: 40.50 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	63.0	51.9	77.9



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





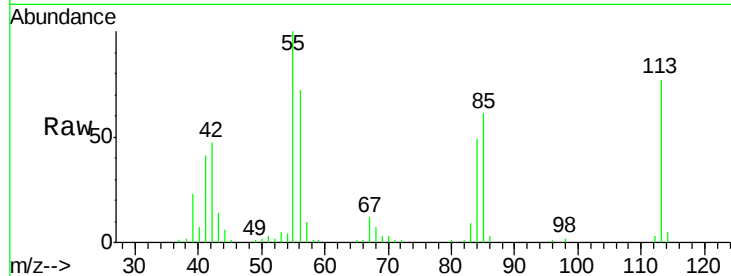
#35
 Caprolactam
 Concen: 40.49 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

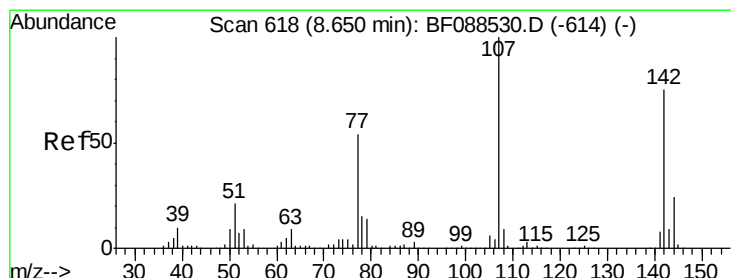
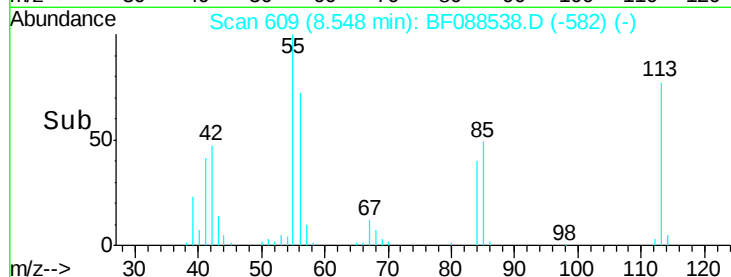
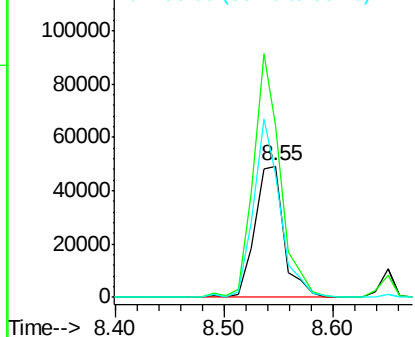
Tgt Ion:113 Resp: 93219
 Ion Ratio Lower Upper
 113 100
 55 130.5 158.6 198.6#
 56 93.9 110.6 150.6#

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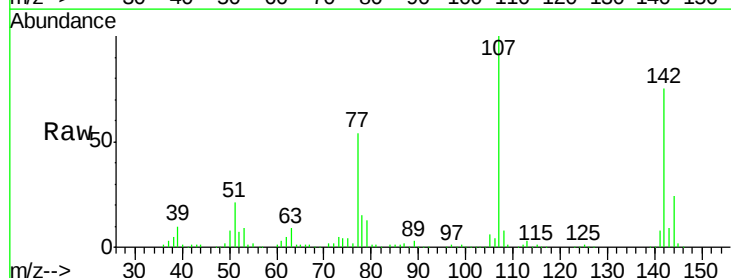


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

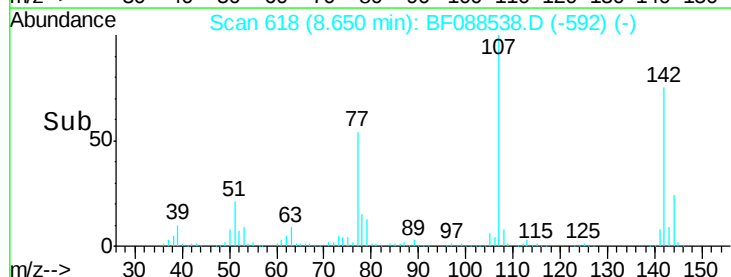
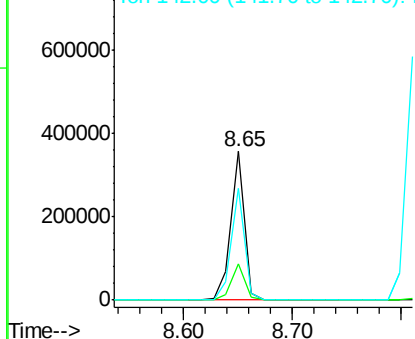


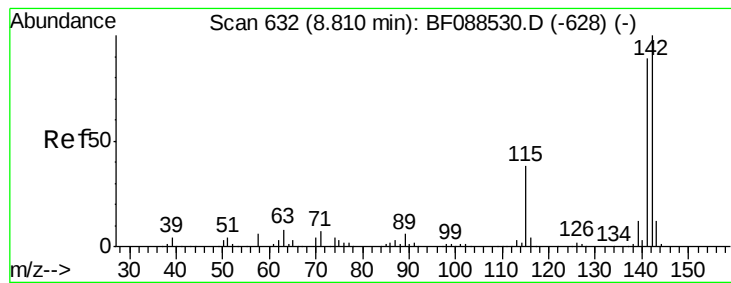
#36
 4-Chloro-3-methylphenol
 Concen: 38.32 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:107 Resp: 307169
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 75.4 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





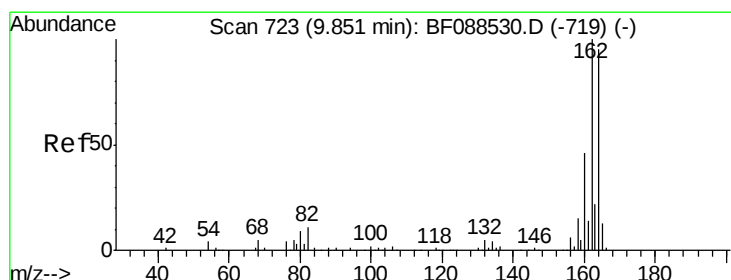
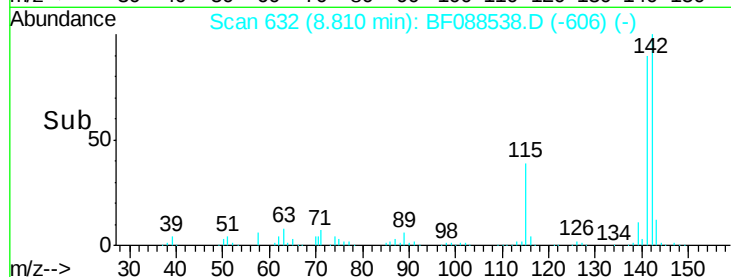
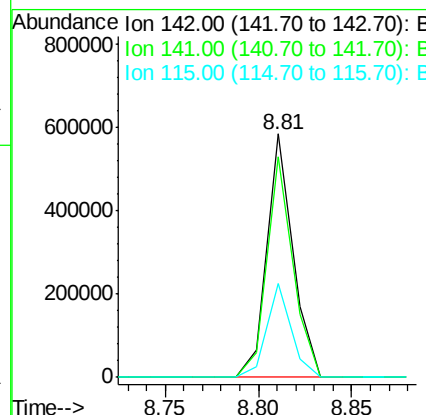
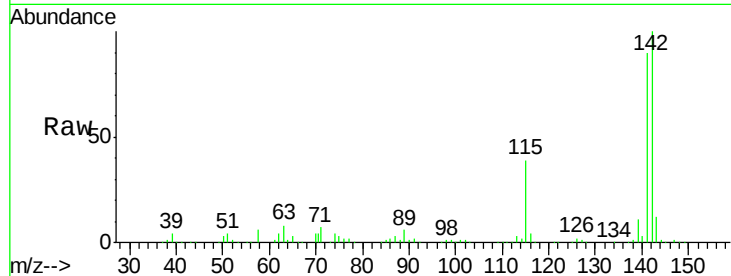
#37
2-Methylnaphthalene
Concen: 34.79 ng
RT: 8.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	38.7	22.6	33.8

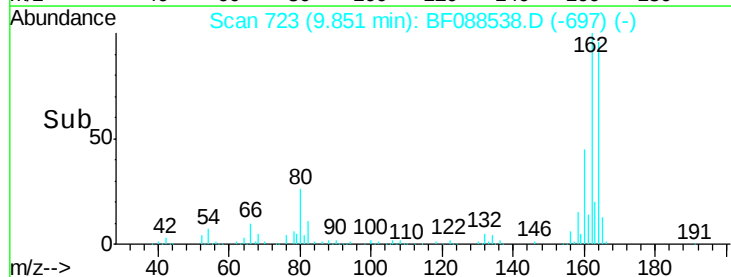
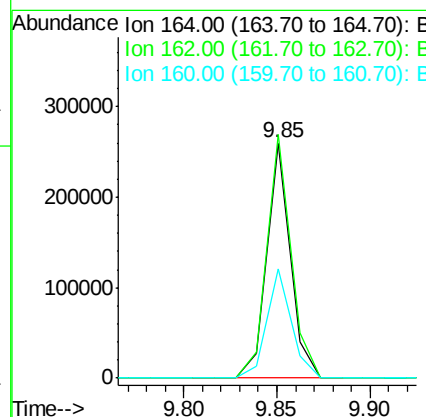
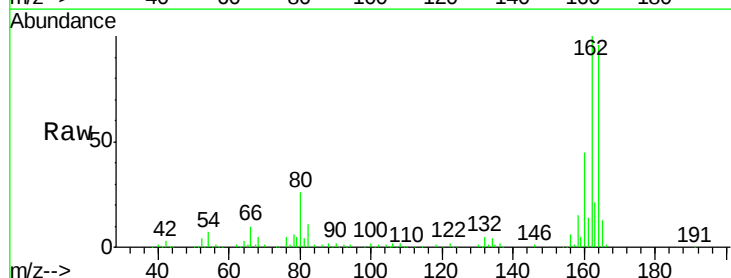
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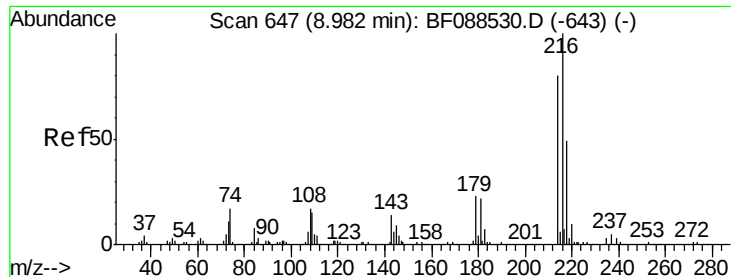
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.5	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.56 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 311648

Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

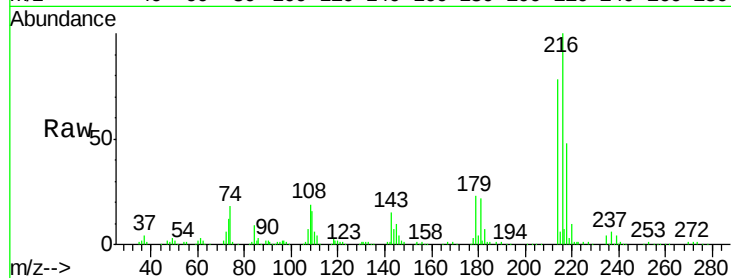
179 23.5 0.0 0.0#

108 23.0 0.5 0.7#

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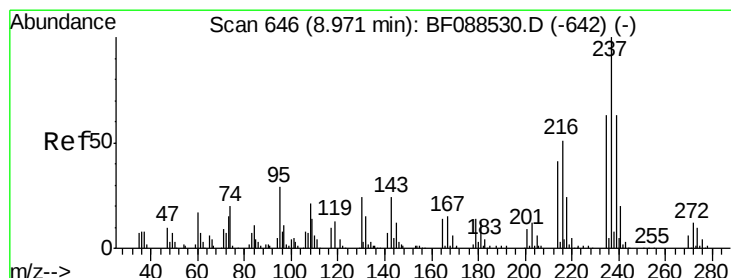
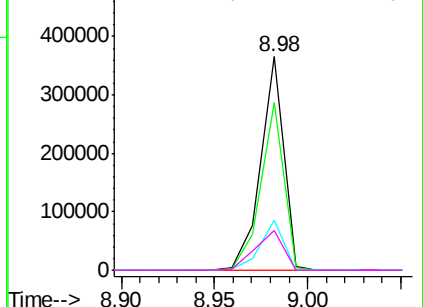
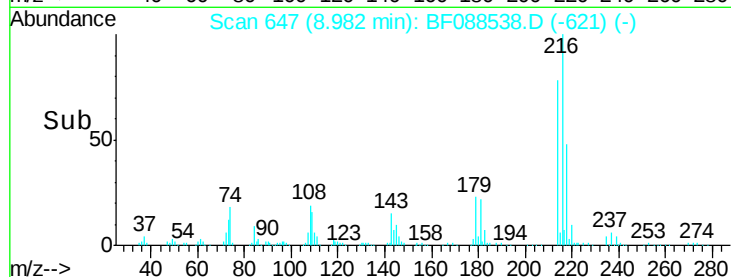


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.24 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

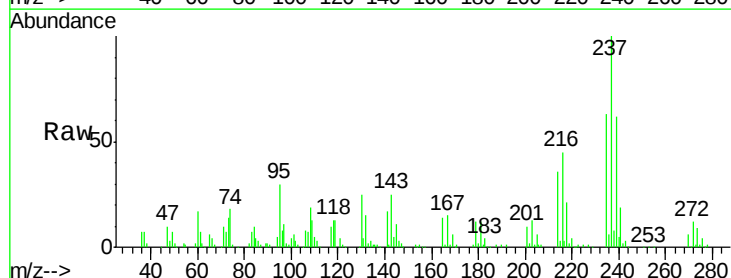
Tgt Ion:237 Resp: 144441

Ion Ratio Lower Upper

237 100

235 63.1 43.4 83.4

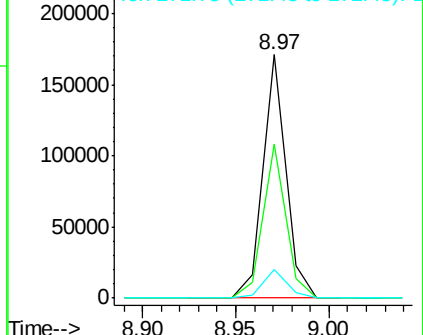
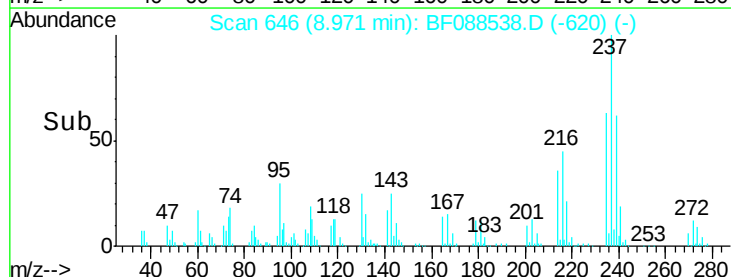
272 11.7 0.0 32.3

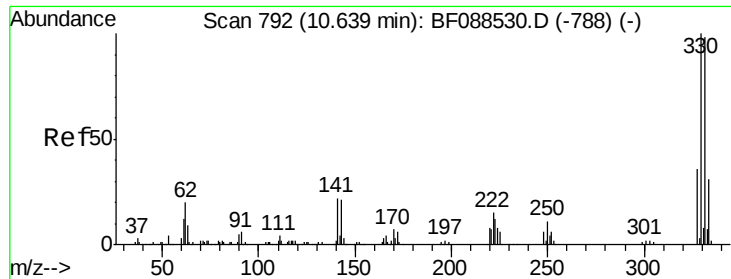


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





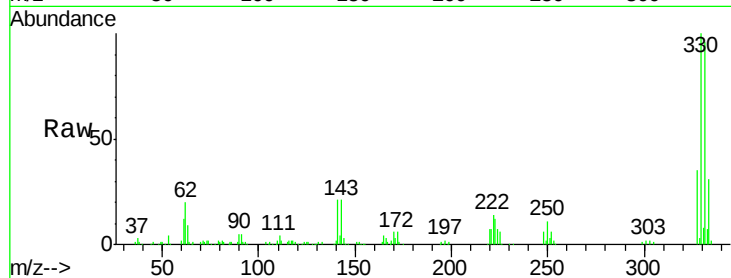
#41
 2,4,6-Tribromophenol
 Concen: 84.05 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

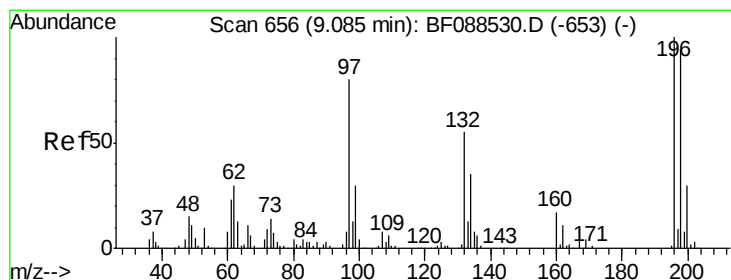
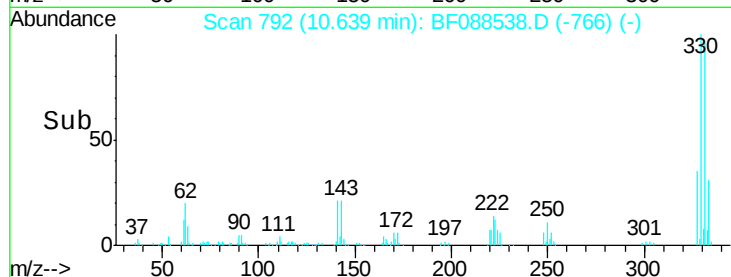
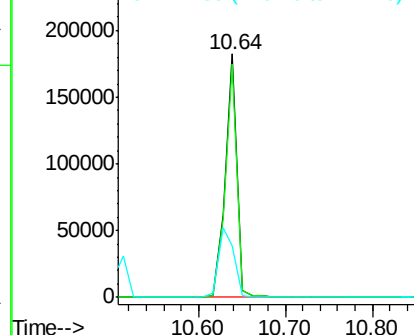
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	175973		
332	95.5	0.0	0.0	0.0
141	37.5	0.0	0.0	0.0

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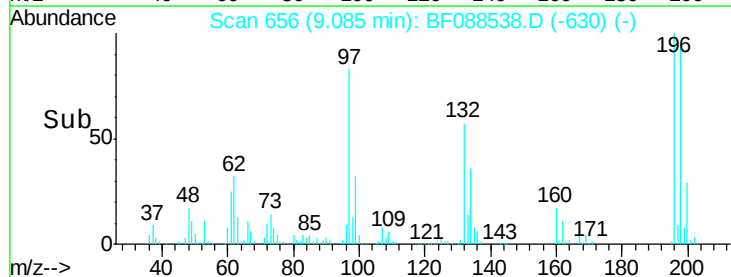
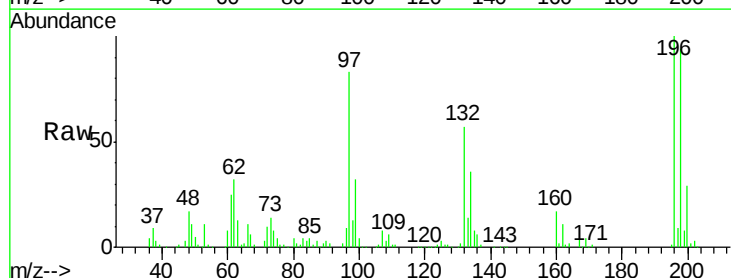
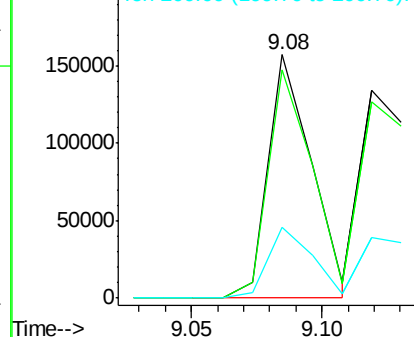
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.50 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180460		
198	93.5	78.0	117.0	
200	29.0	25.4	38.2	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





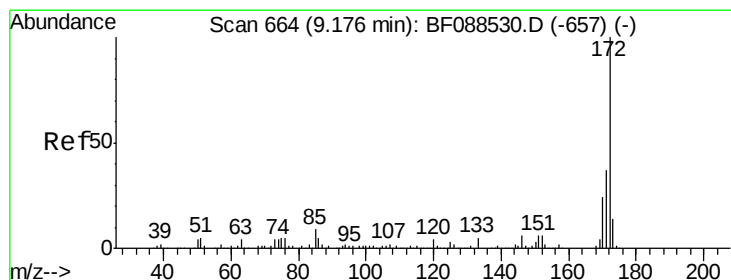
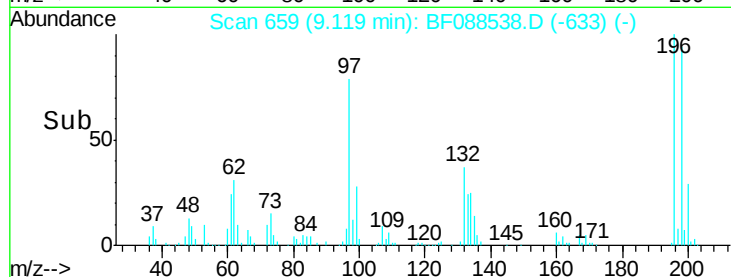
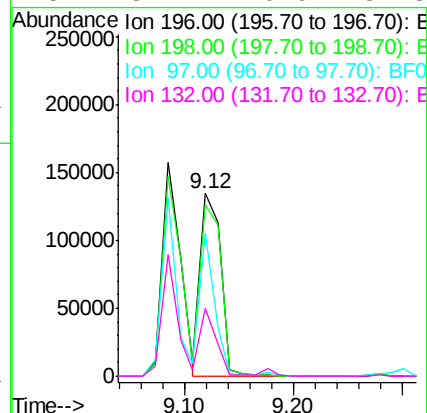
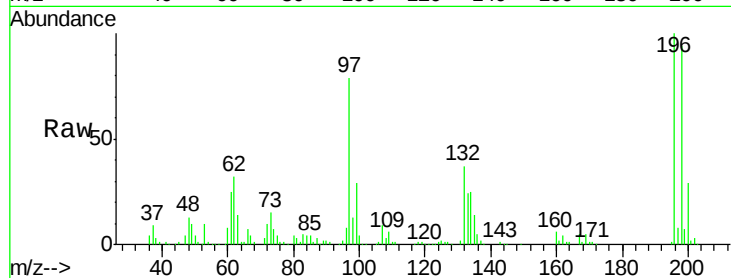
#43
2,4,5-Trichlorophenol
Concen: 41.37 ng
RT: 9.12 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175970		
198	94.2	77.5	116.3	
97	78.7	32.0	48.0	
132	37.4	20.9	31.3	

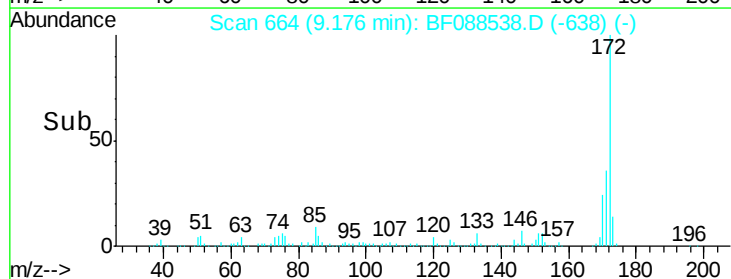
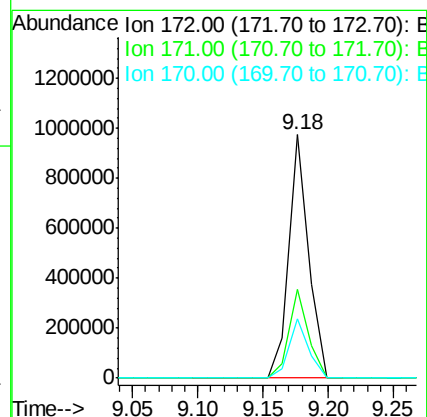
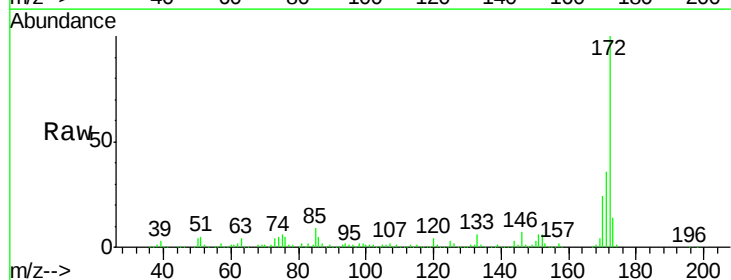
Manual Integrations

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#44
2-Fluorobiphenyl
Concen: 72.74 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1038213		
171	36.4	28.6	43.0	
170	24.5	19.2	28.8	





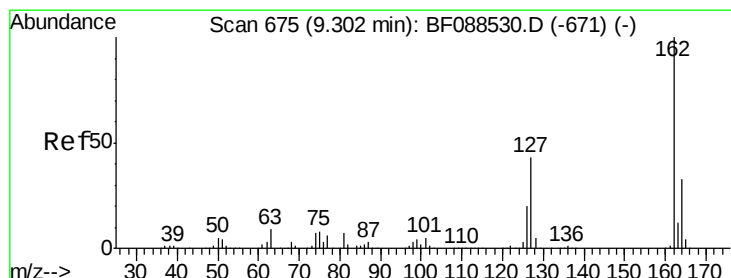
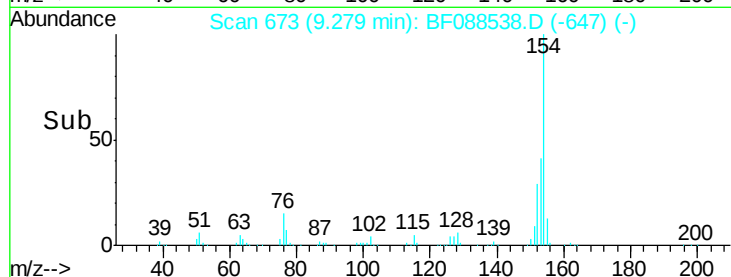
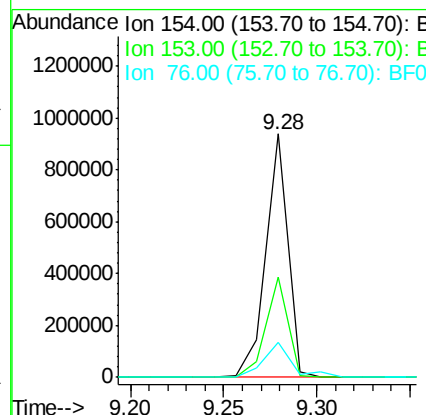
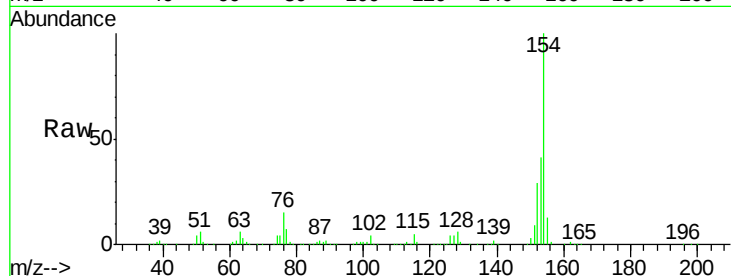
#45
1,1'-Biphenyl
Concen: 40.90 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	14.6	0.0	35.1

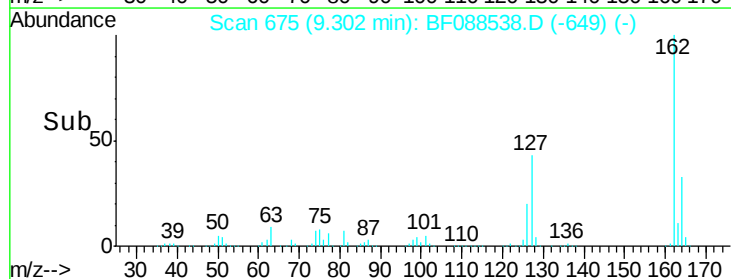
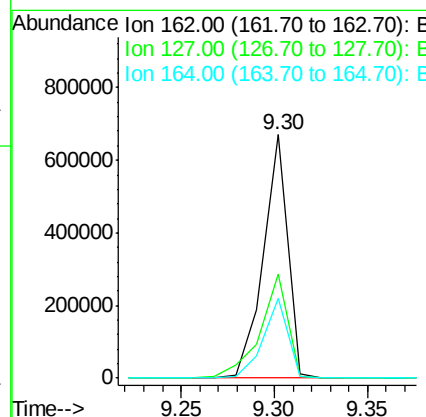
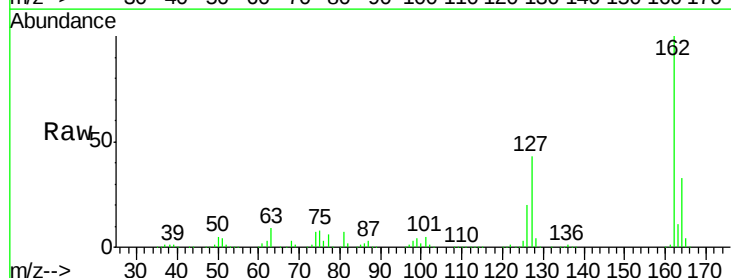
Manual Integrations

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#46
2-Chloronaphthalene
Concen: 41.29 ng
RT: 9.30 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.2	52.8
164	33.0	26.6	39.8





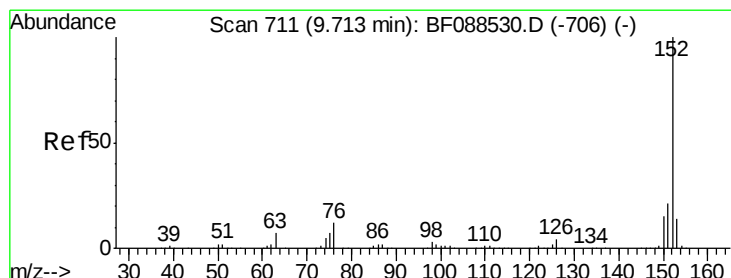
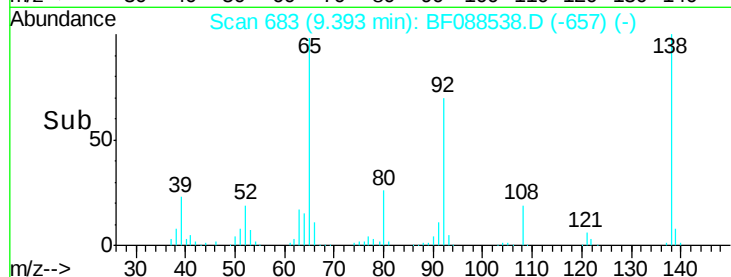
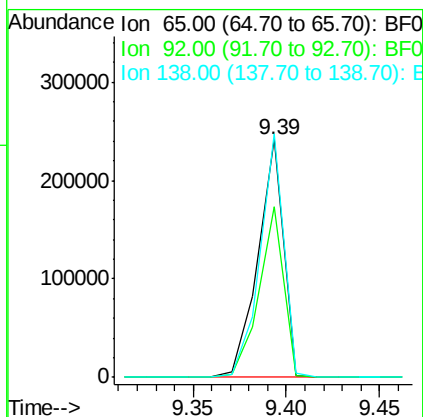
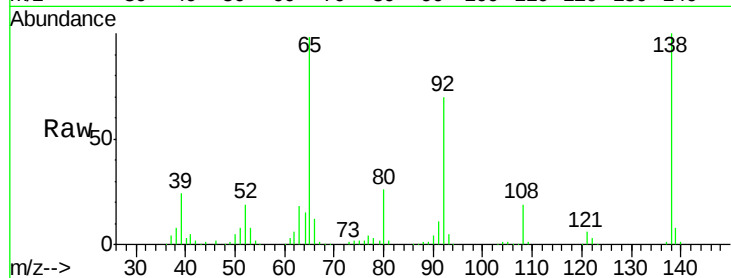
#47
2-Nitroaniline
Concen: 43.71 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 227376
Ion Ratio Lower Upper
65 100
92 71.9 54.6 82.0
138 102.3 77.0 115.4

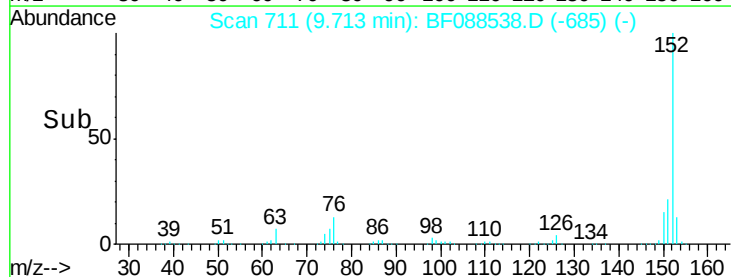
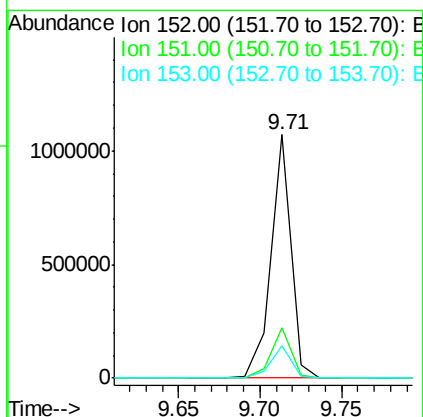
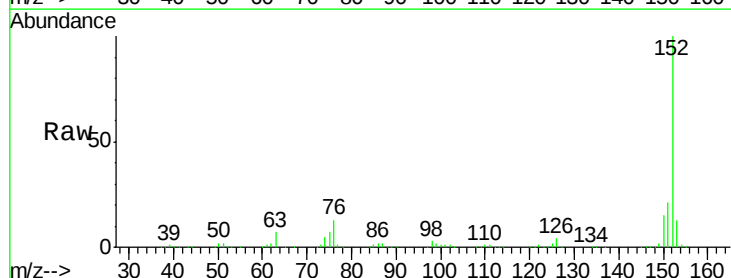
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#48
Acenaphthylene
Concen: 39.37 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion: 152 Resp: 918093
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.4 11.0 16.6





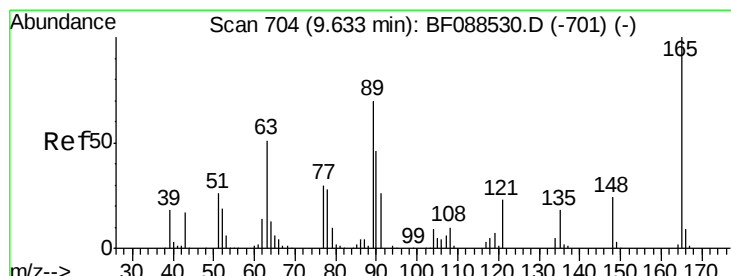
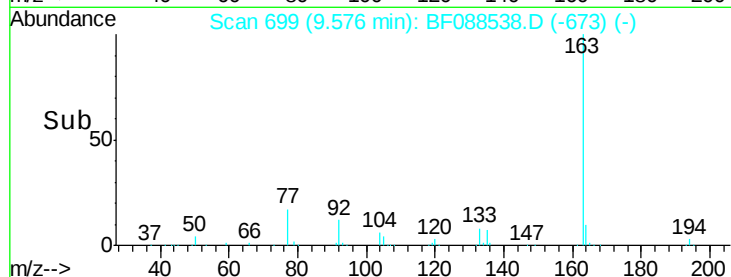
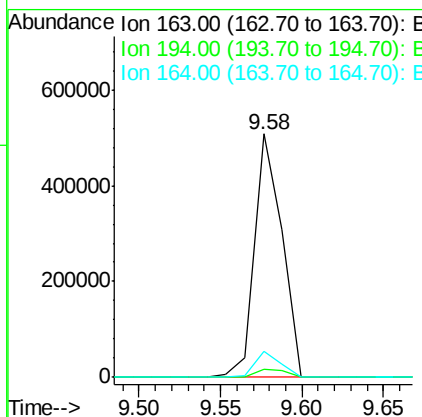
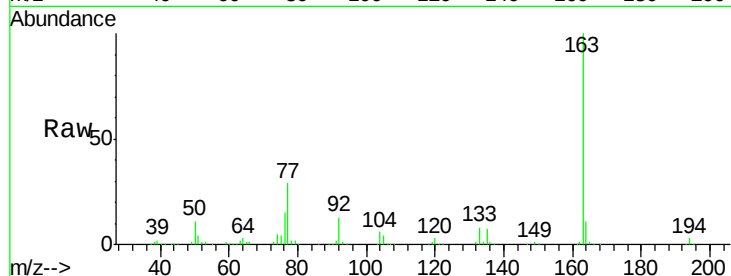
#49
Dimethylphthalate
Concen: 36.89 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	592511		
194	3.1	2.8	4.2	
164	10.8	8.3	12.5	

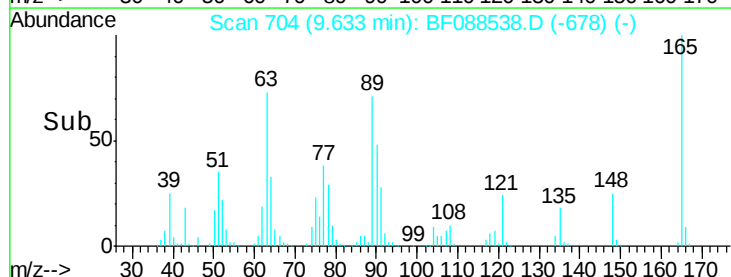
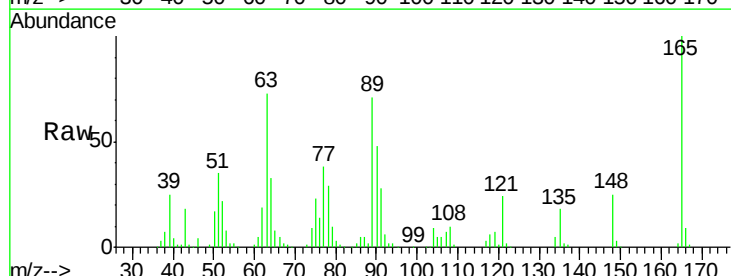
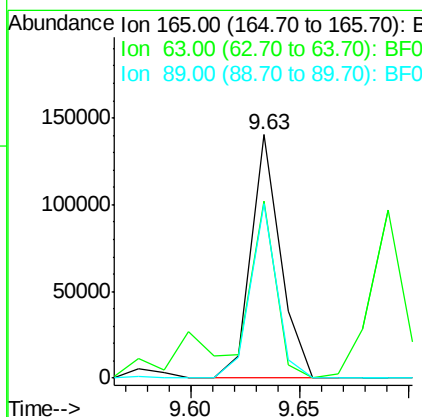
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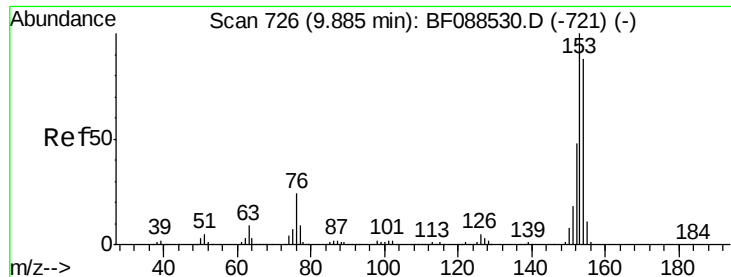
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#50
2,6-Dinitrotoluene
Concen: 37.09 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132032		
63	72.9	28.1	42.1#	
89	71.5	32.2	48.2#	





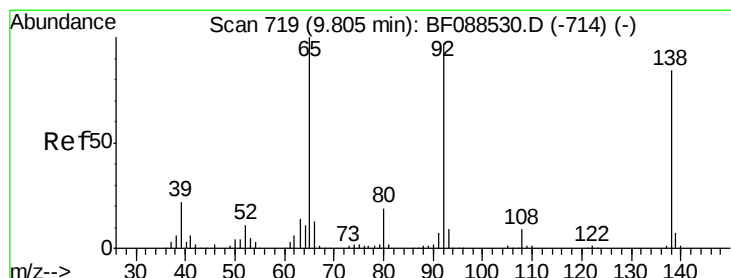
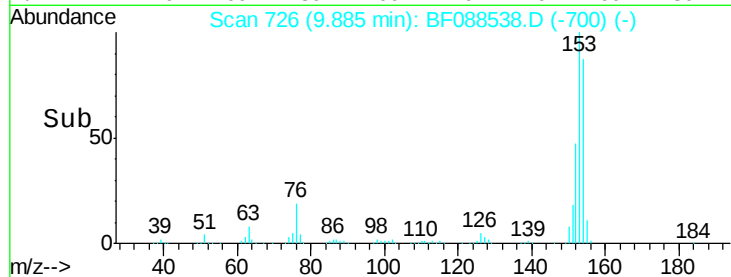
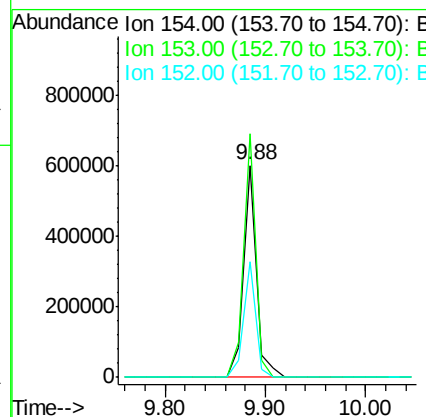
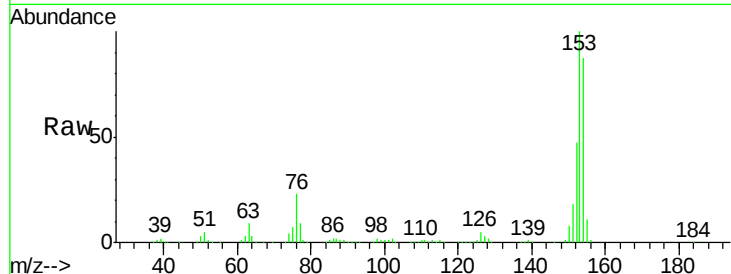
#51
Acenaphthene
Concen: 37.69 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.5	134.3
152	54.6	42.7	64.1

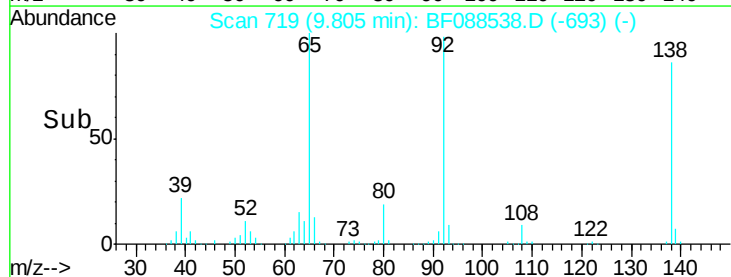
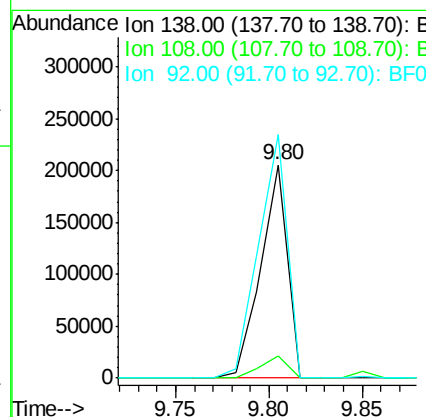
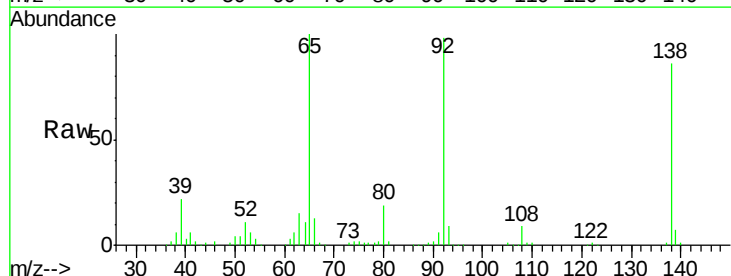
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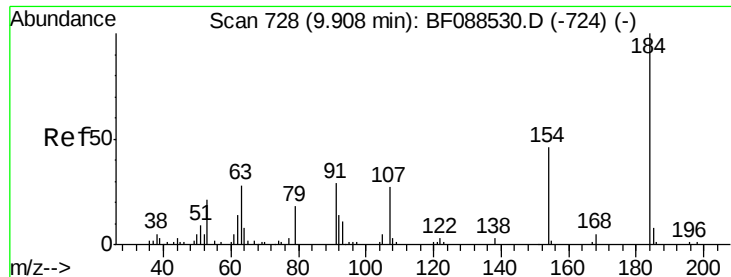
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#52
3-Nitroaniline
Concen: 44.67 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.5	12.7
92	114.1	95.7	143.5





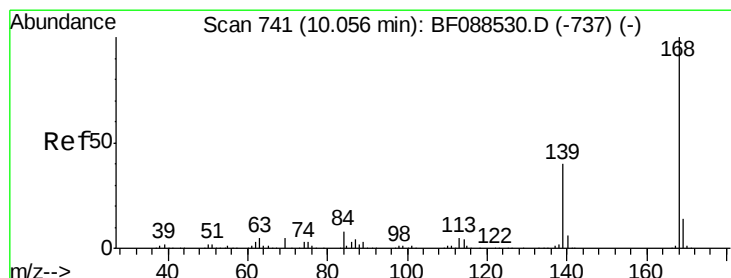
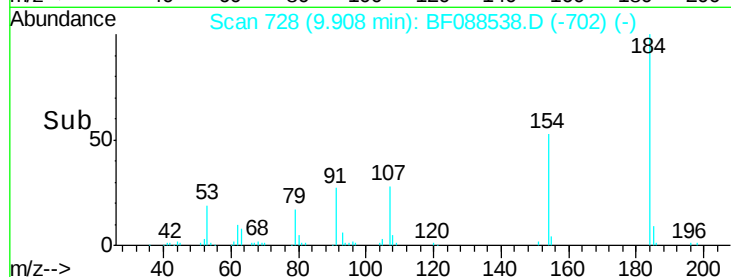
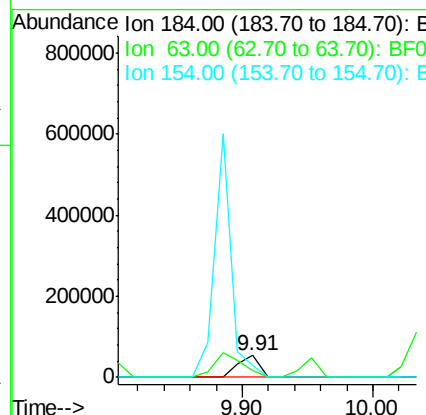
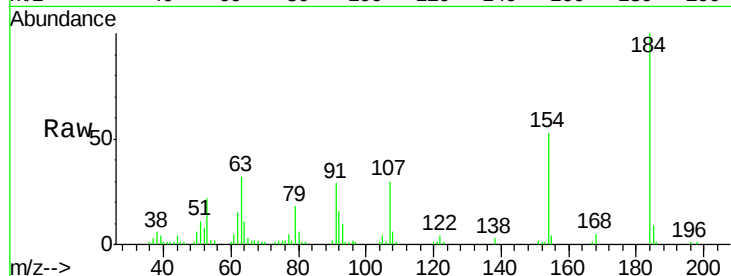
#53
2,4-Dinitrophenol
Concen: 39.14 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
63	31.7	57.6	86.4#
154	52.6	53.5	80.3#

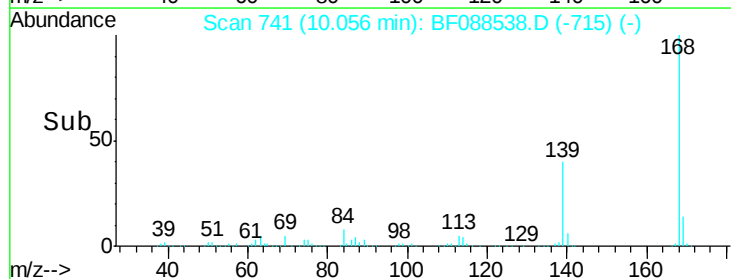
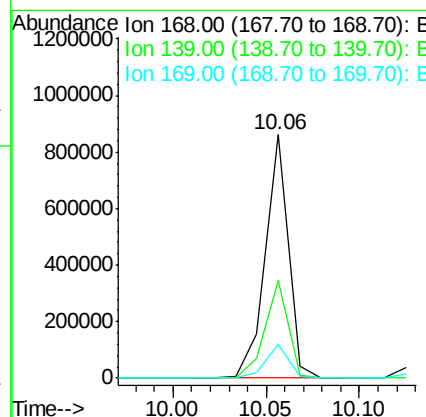
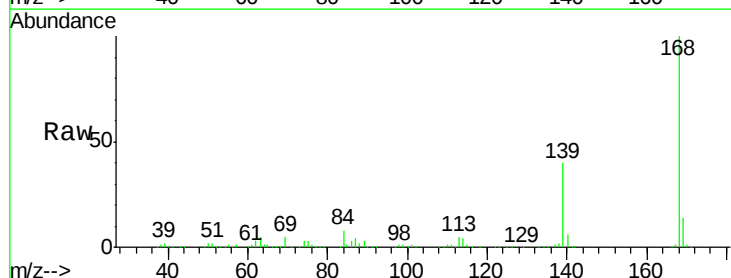
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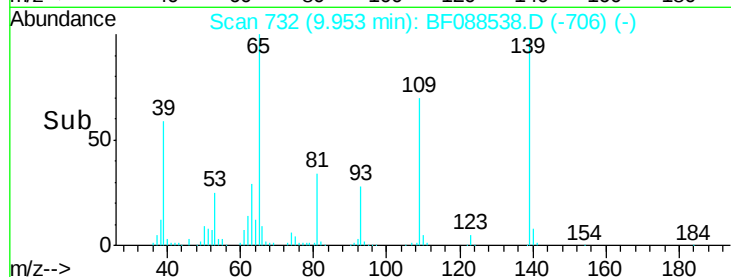
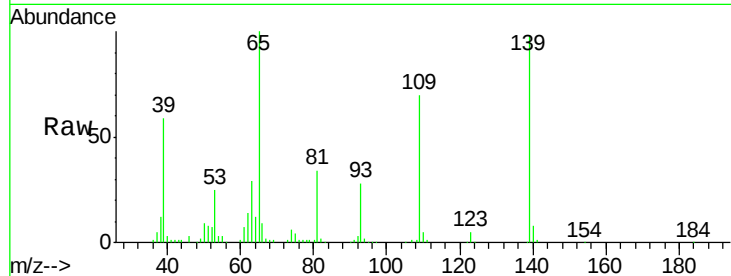
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#54
Dibenzofuran
Concen: 39.09 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	26.4	39.6#
169	13.8	10.4	15.6





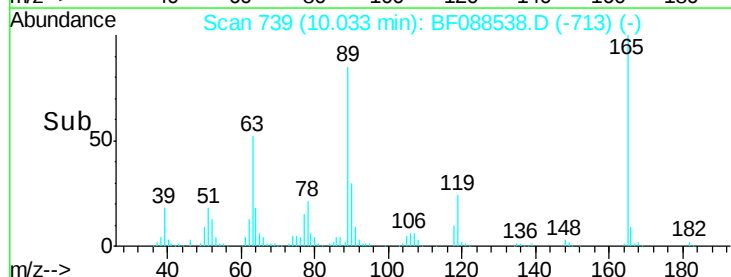
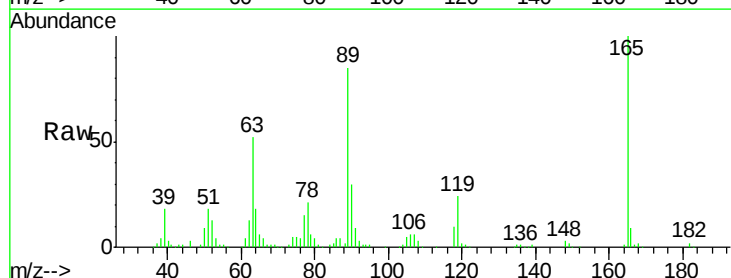
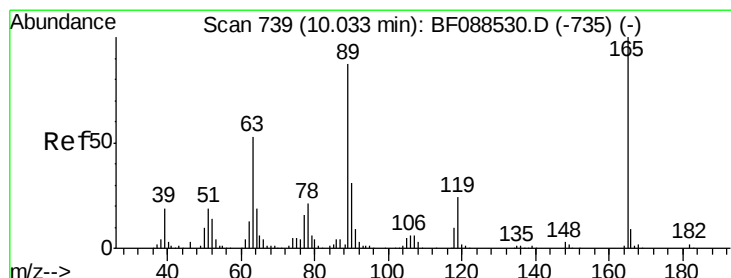
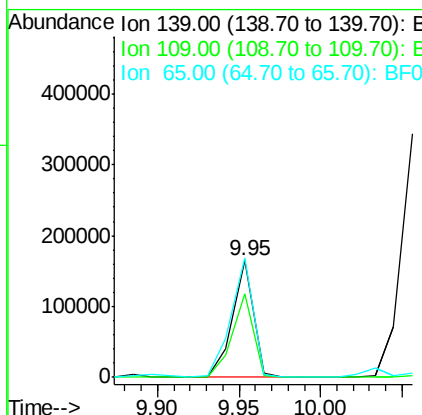
#55
4-Nitrophenol
Concen: 42.89 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	48.9	88.9
65	102.5	84.9	124.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

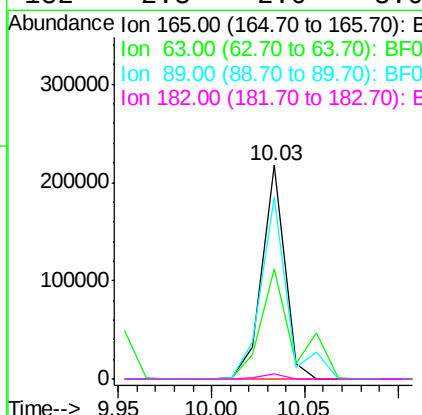
Manual Integrations

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#56
2,4-Dinitrotoluene
Concen: 39.25 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	22.0	33.0#
89	85.2	41.1	61.7#
182	2.3	2.0	3.0





#57

Fluorene

Concen: 41.40 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

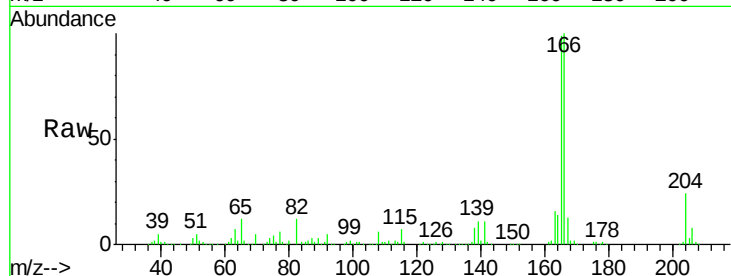
ClientSampleId :

SSTDCCC040EC

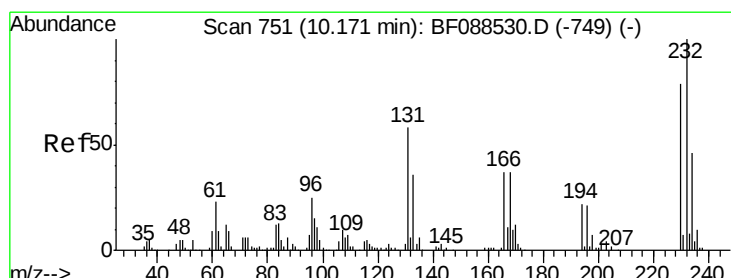
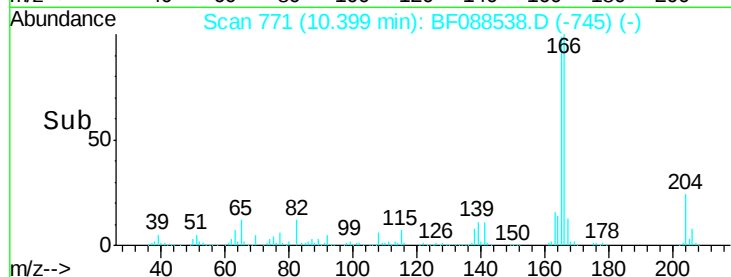
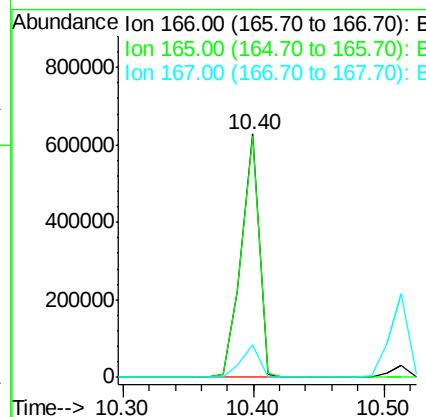
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.8
167	13.4	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.20 ng

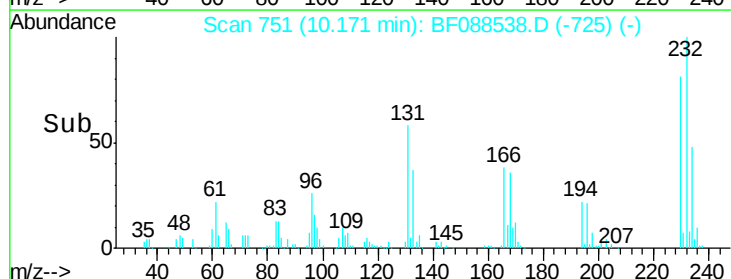
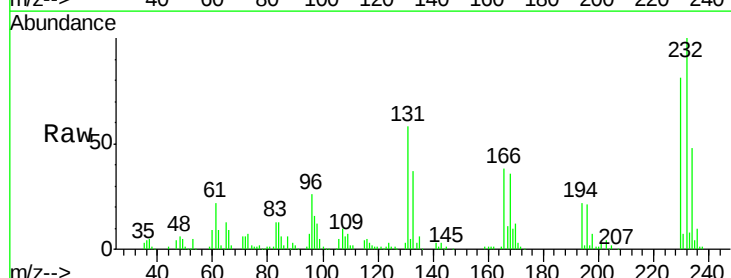
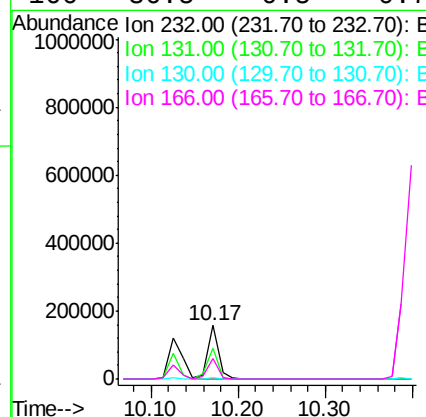
RT: 10.17 min Scan# 751

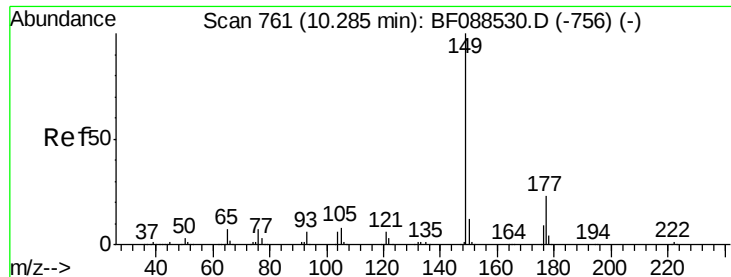
Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.0	0.9	1.3#
130	2.7	1.5	2.3#
166	36.5	0.5	0.7#





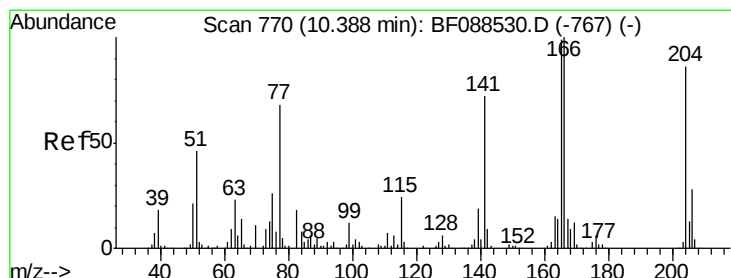
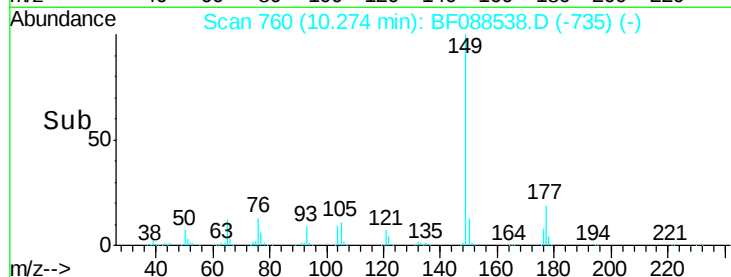
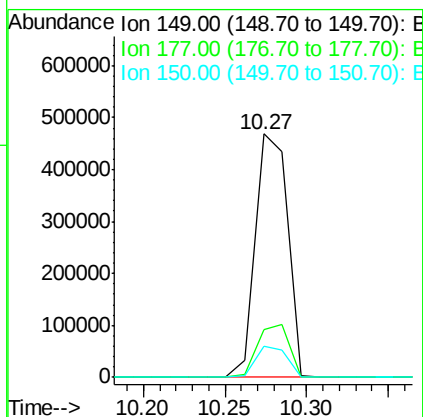
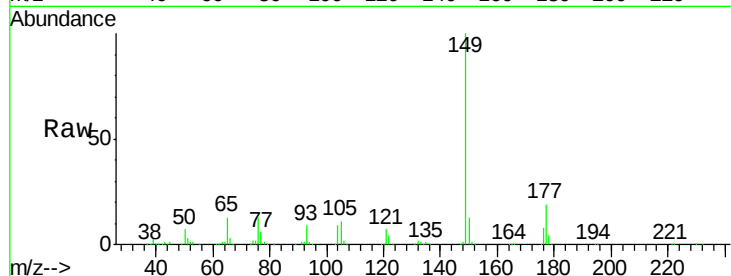
#59
Diethylphthalate
Concen: 40.01 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.4	16.9	25.3
150	13.0	10.1	15.1

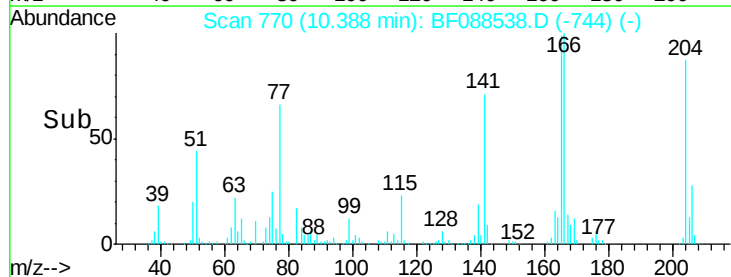
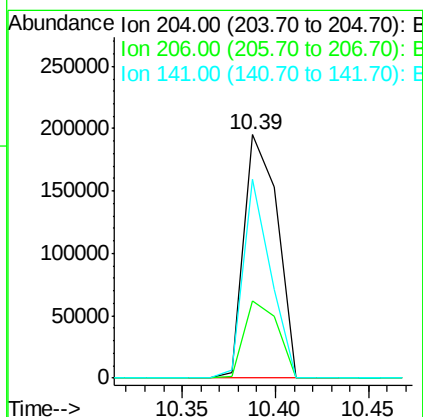
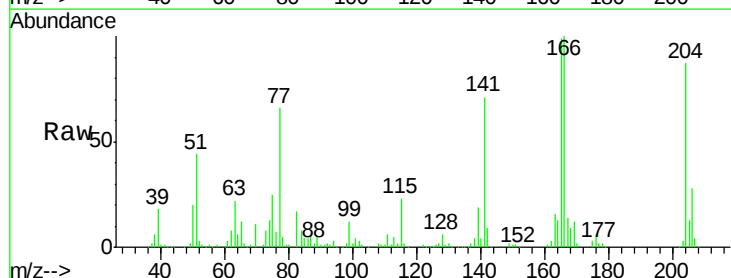
Manual Integrations

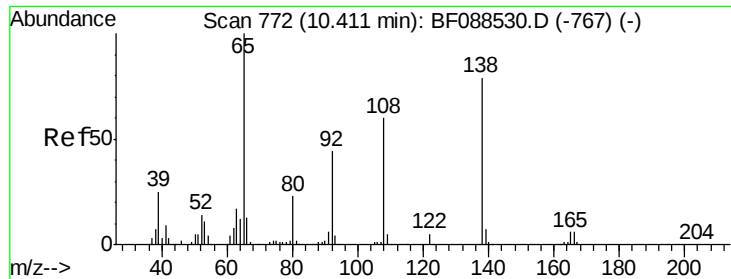
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#60
4-Chlorophenyl-phenylether
Concen: 36.22 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.3	39.5
141	81.4	55.0	82.6





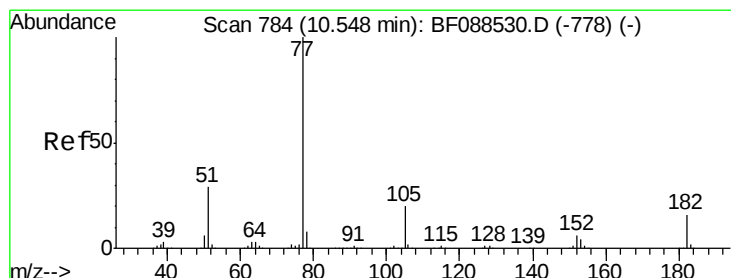
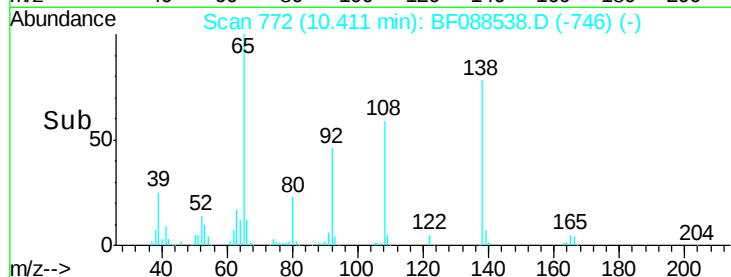
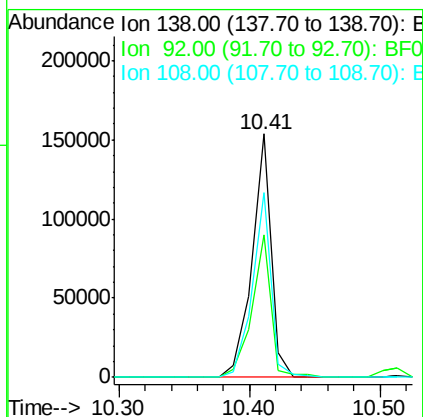
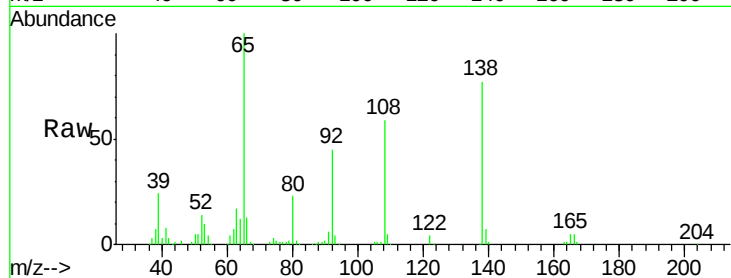
#61
4-Nitroaniline
Concen: 36.19 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	27.3	67.3
108	76.1	46.7	86.7

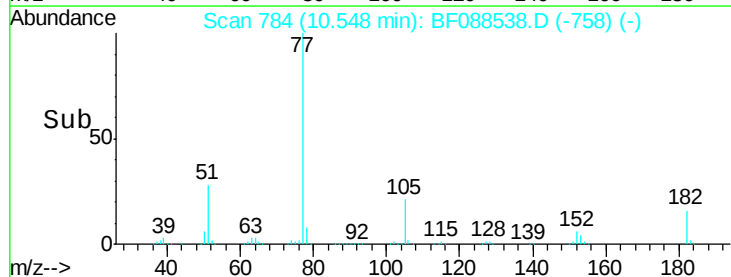
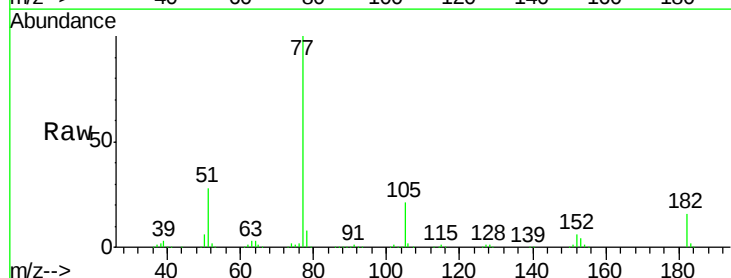
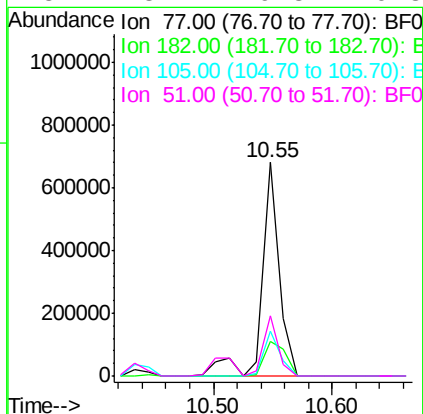
Manual Integrations

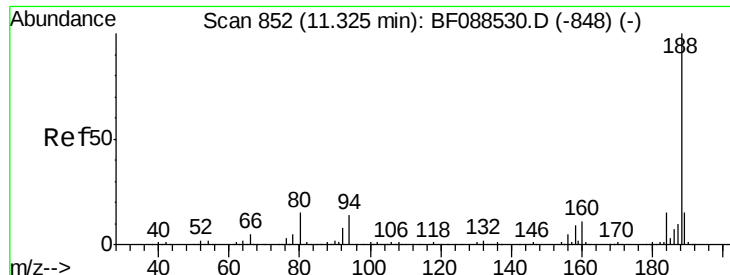
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#62
Azobenzene
Concen: 38.06 ng
RT: 10.55 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.9	4.4	44.4
105	21.0	3.8	43.8
51	28.4	9.3	49.3





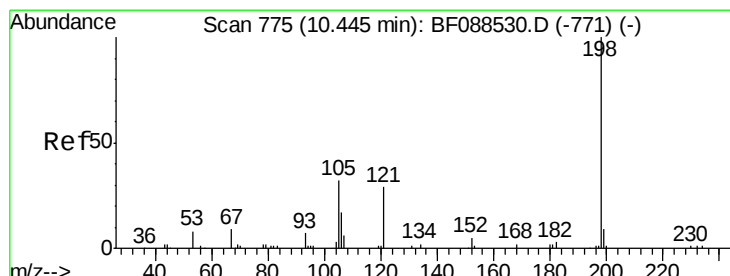
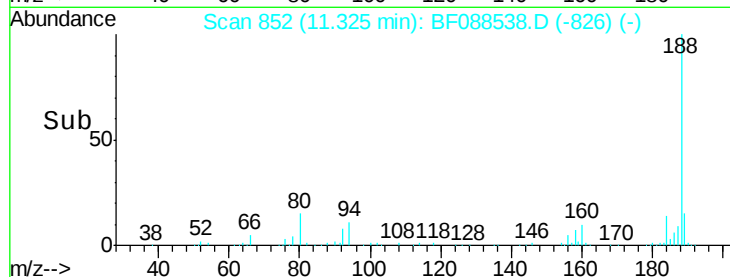
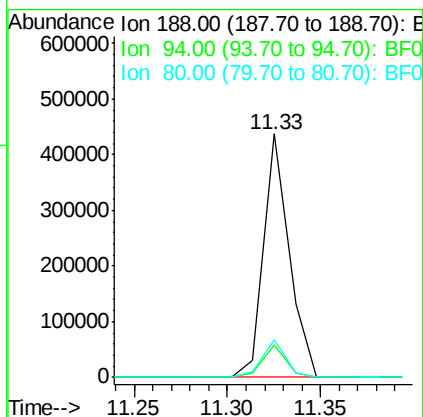
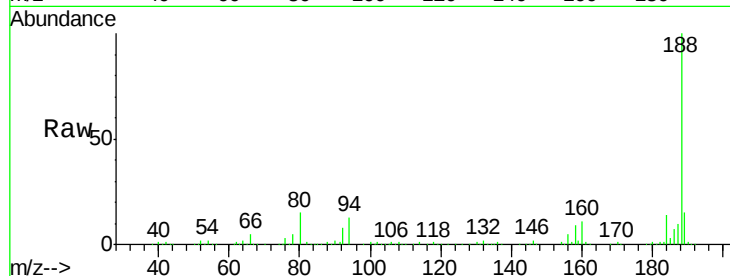
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.0	13.6
80	15.3	10.0	15.0#

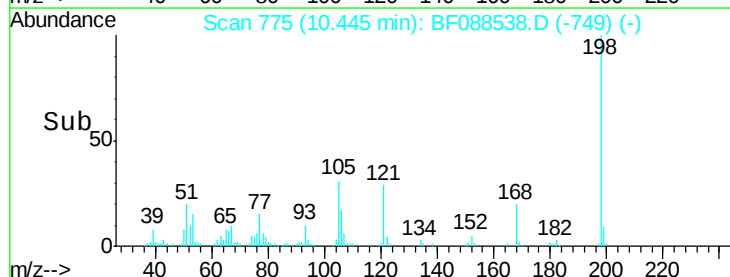
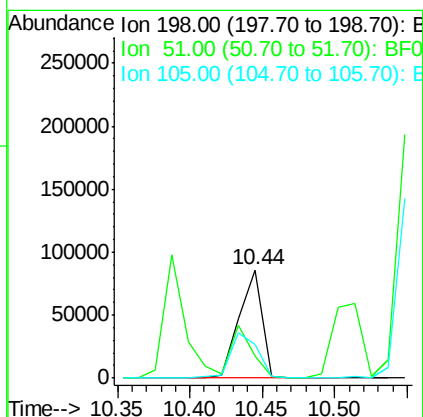
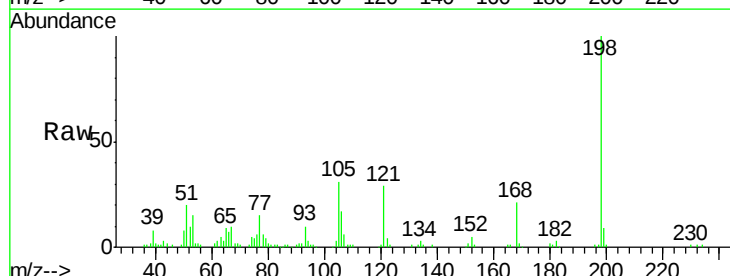
Manual Integrations

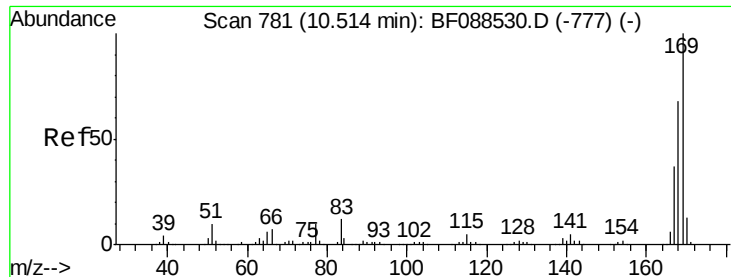
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.44 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

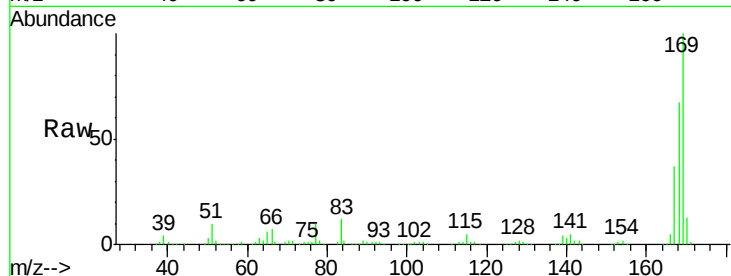
Tgt Ion	Ratio	Lower	Upper
198	100		
51	20.4	39.6	79.6#
105	31.5	36.6	76.6#





#65
n-Nitrosodiphenylamine
Concen: 41.20 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

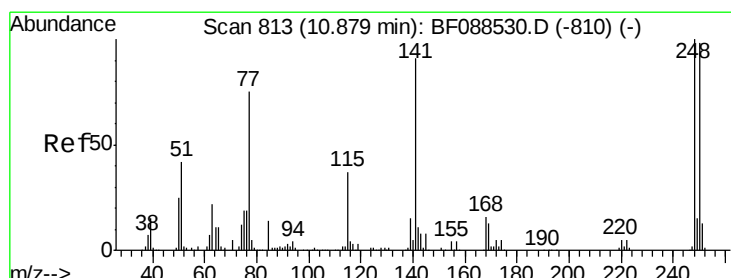
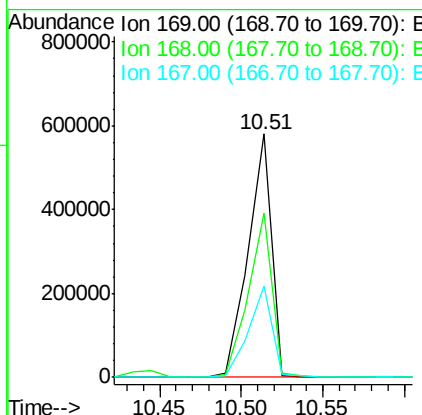
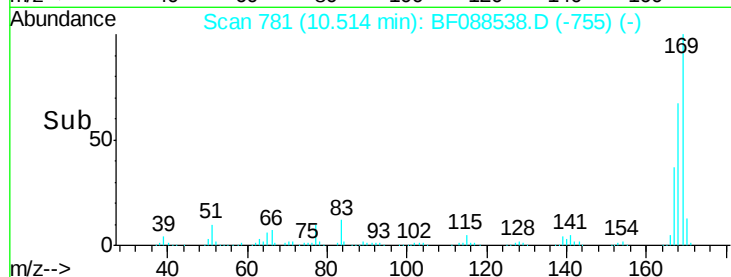
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.0
167	37.3	29.4	44.0

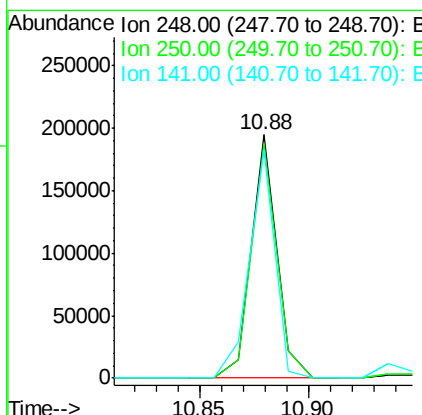
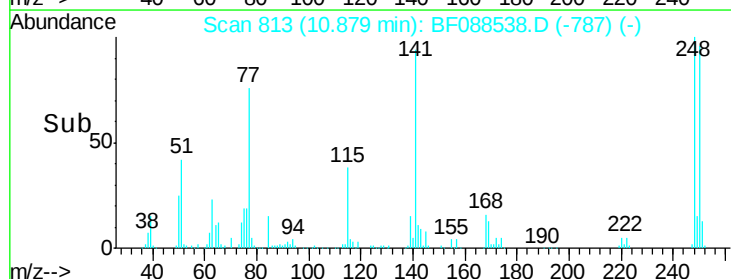
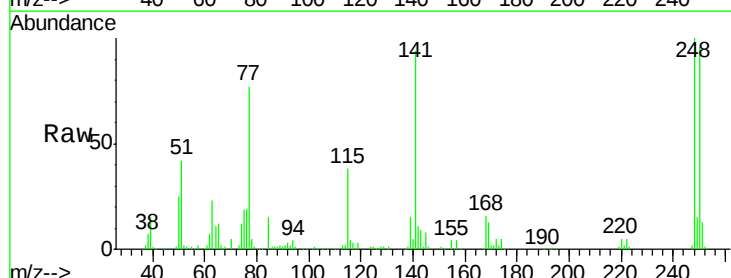
Manual Integrations

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#66
4-Bromophenyl-phenylether
Concen: 38.23 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	93.8	50.6	76.0





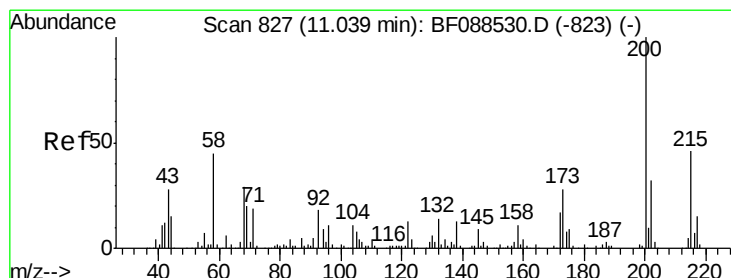
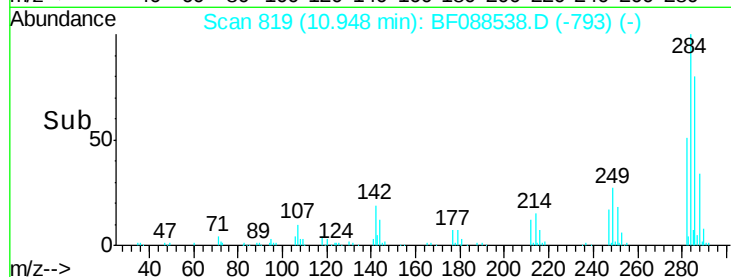
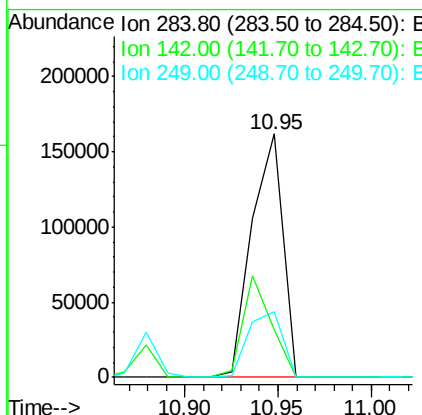
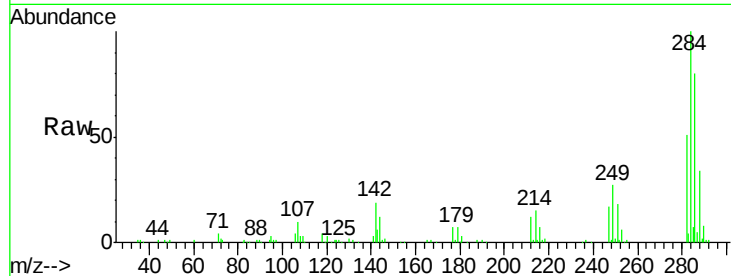
#67
Hexachlorobenzene
Concen: 40.45 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	186395		
142	19.5	35.8	53.8#	
249	27.0	25.8	38.6	

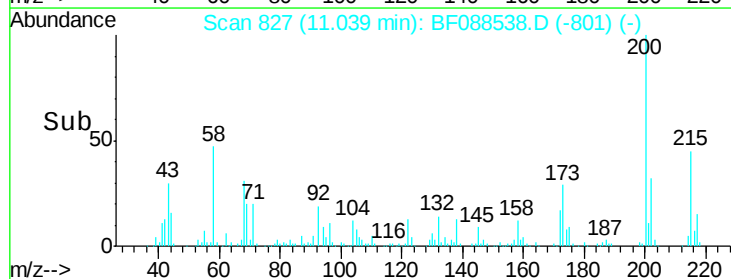
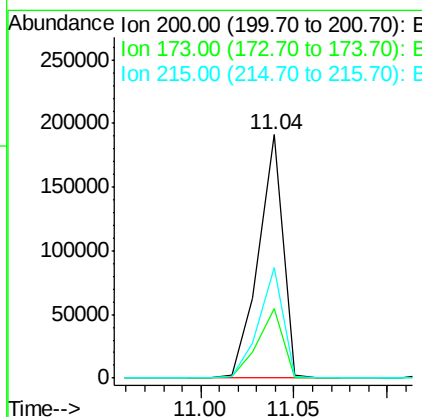
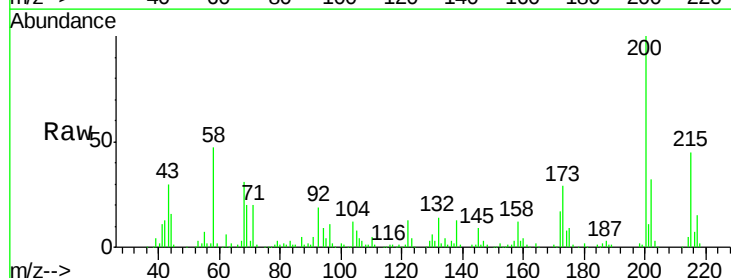
Manual Integrations

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#68
Atrazine
Concen: 40.80 ng
RT: 11.04 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	177771		
173	28.8	4.0	44.0	
215	45.2	29.3	69.3	





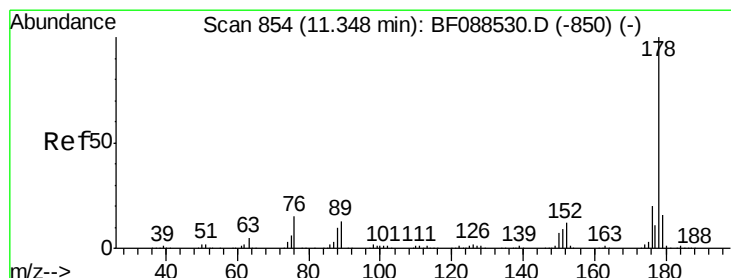
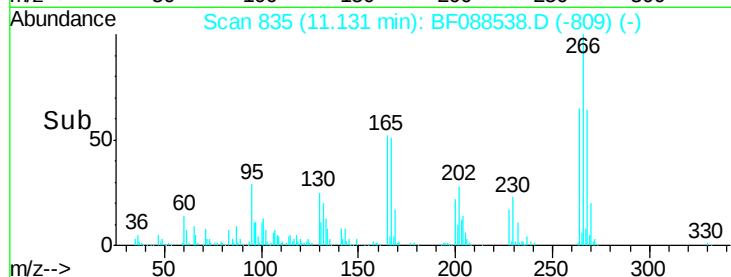
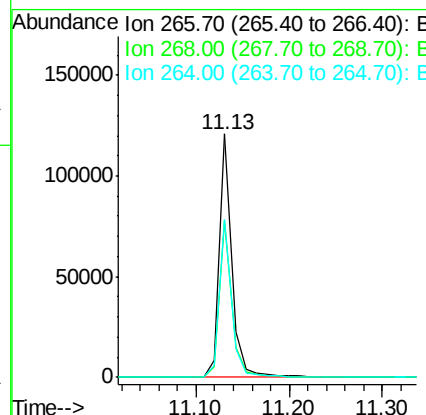
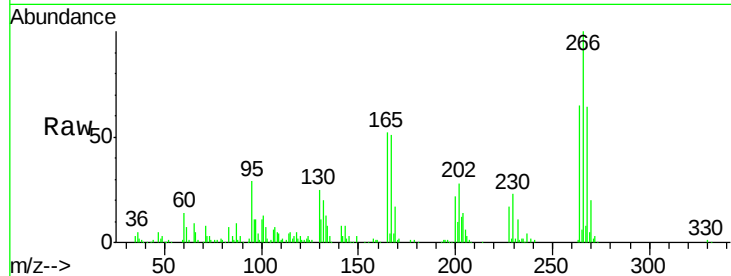
#69
 Pentachlorophenol
 Concen: 40.89 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.8	79.2
264	65.1	49.6	74.4

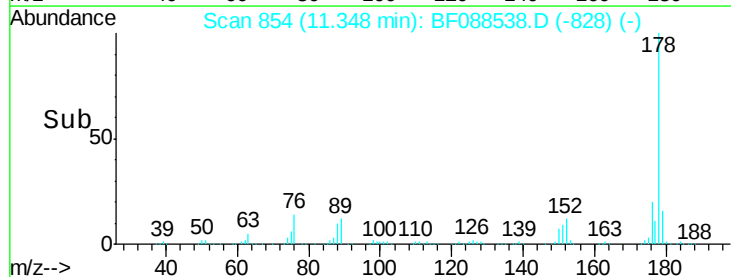
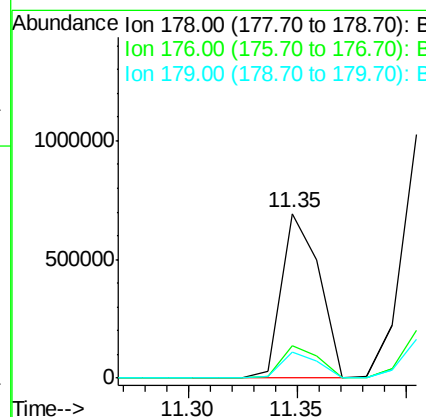
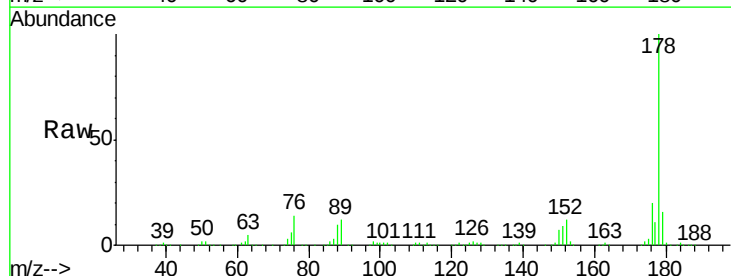
Manual Integrations

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#70
 Phenanthrene
 Concen: 37.22 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

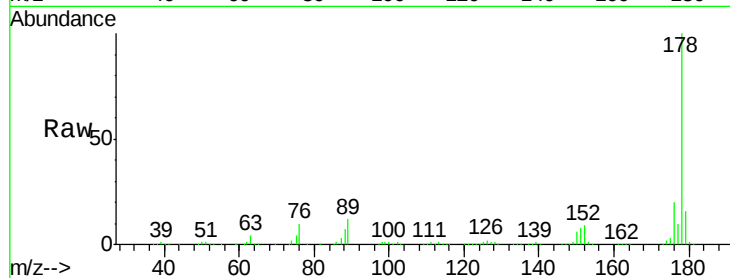
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.9	13.0	19.4





#71
 Anthracene
 Concen: 39.55 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

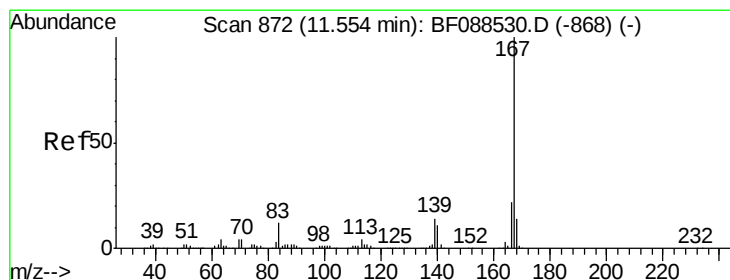
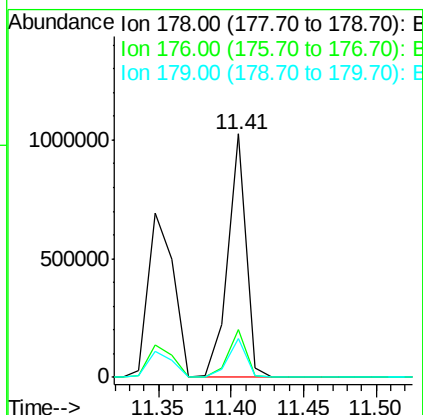
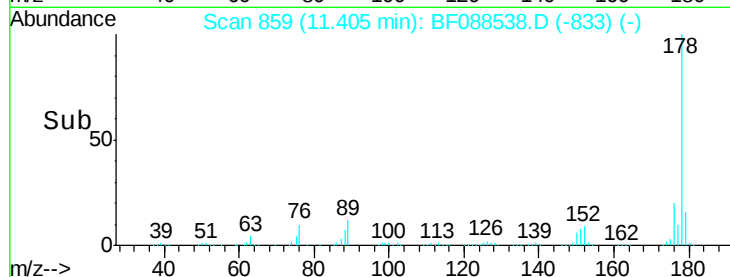
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:178 Resp: 888010
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.8 12.8 19.2

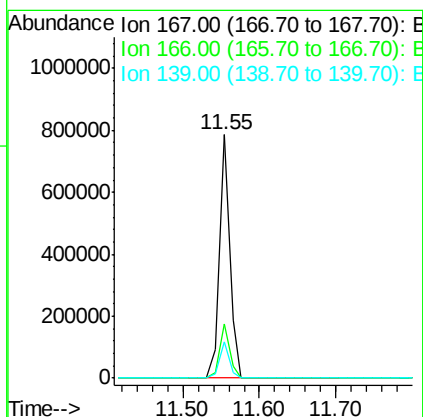
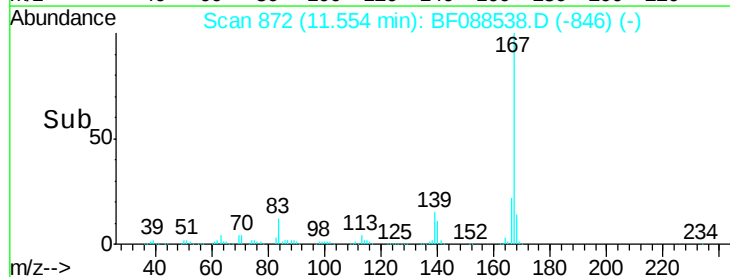
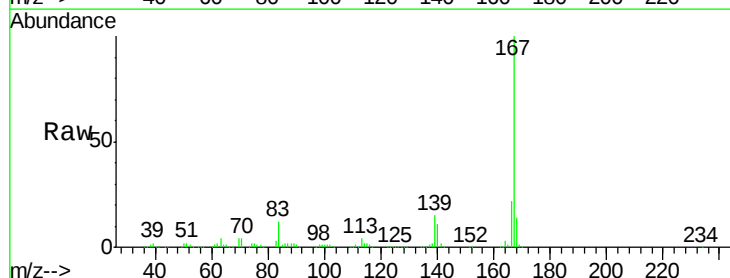
Manual Integrations

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#72
 Carbazole
 Concen: 34.81 ng
 RT: 11.55 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion:167 Resp: 735699
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 36.19 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 889735

Ion Ratio Lower Upper

149 100

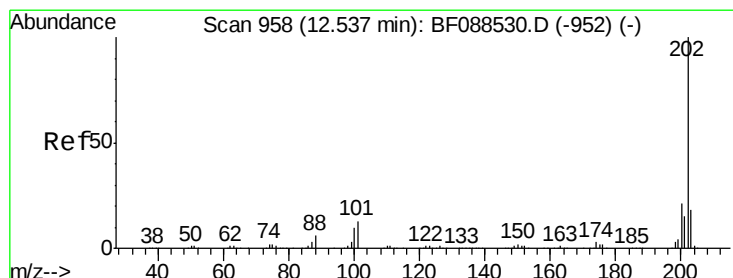
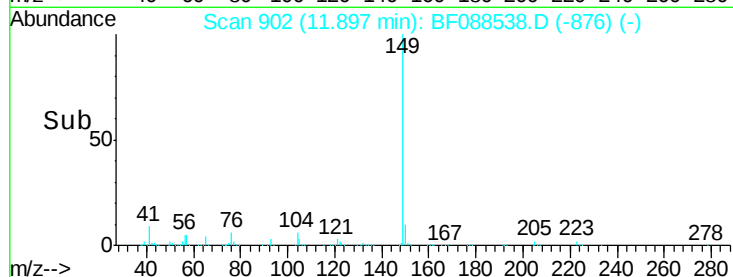
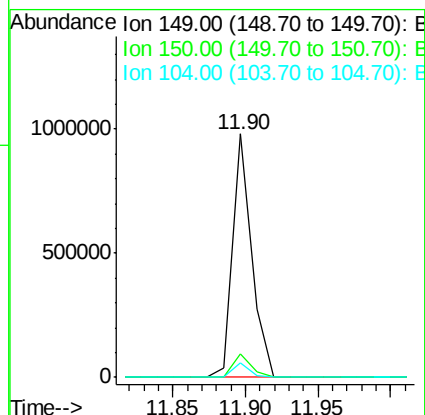
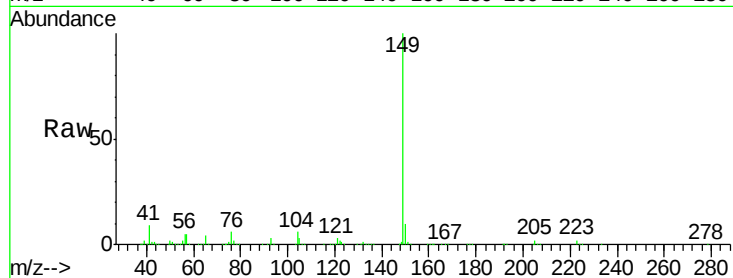
150 9.6 7.8 11.6

104 5.9 4.0 6.0

Manual Integrations

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#74

Fluoranthene

Concen: 39.98 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

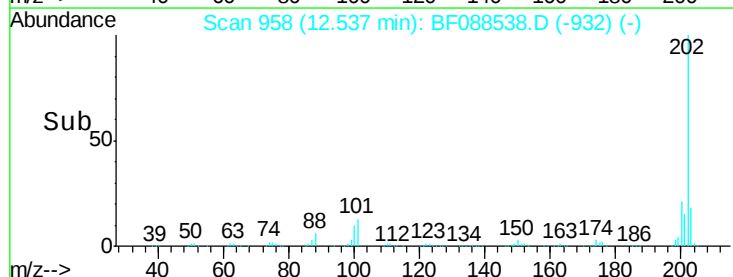
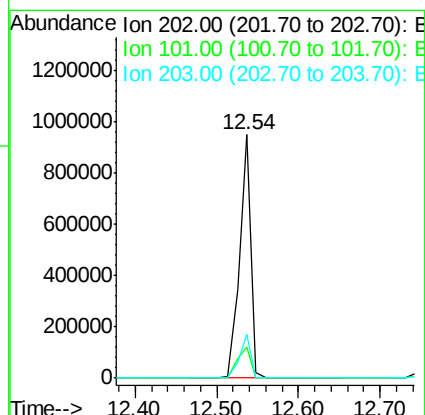
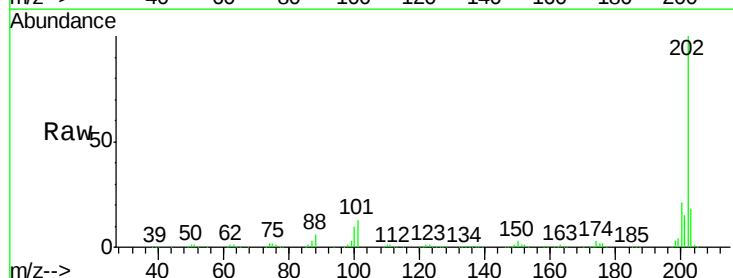
Tgt Ion:202 Resp: 915307

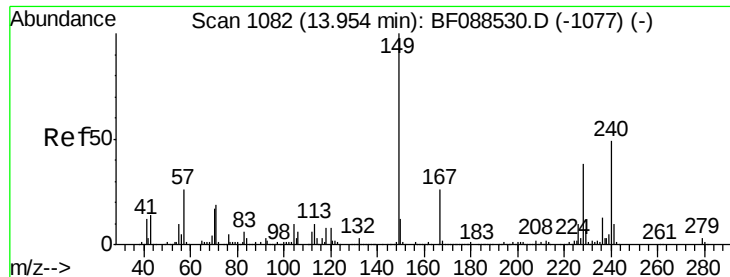
Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.1

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:240 Resp: 267828

Ion Ratio Lower Upper

240 100

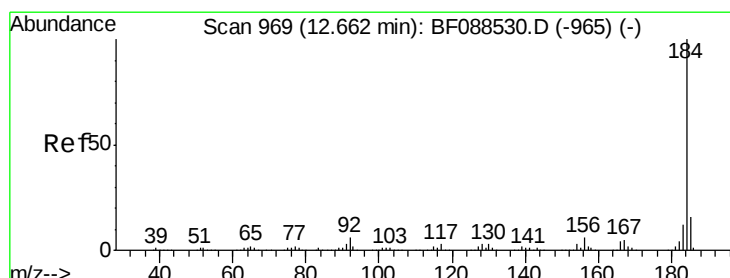
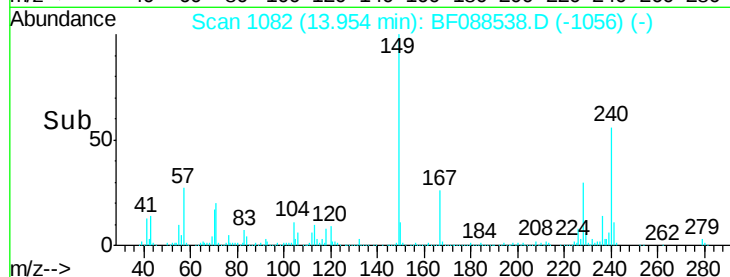
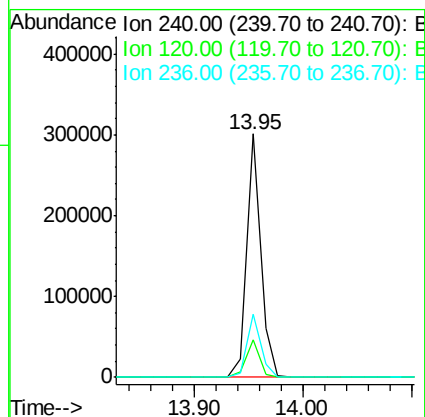
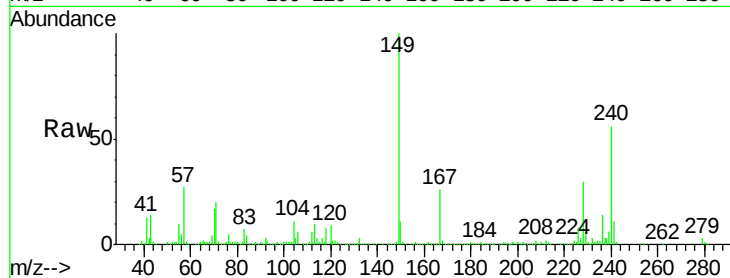
120 15.4 6.8 10.2#

236 26.0 20.2 30.2

Manual Integrations

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#76

Benzidine

Concen: 39.36 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

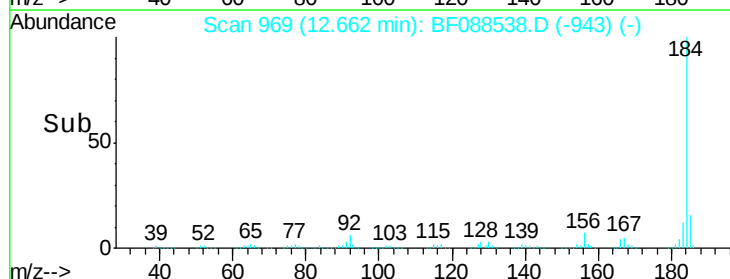
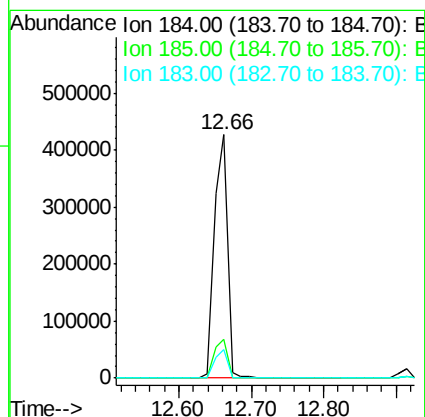
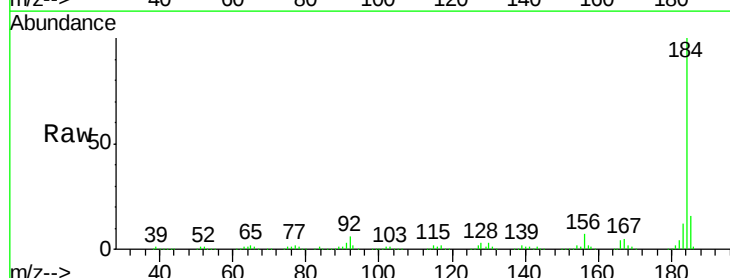
Tgt Ion:184 Resp: 532863

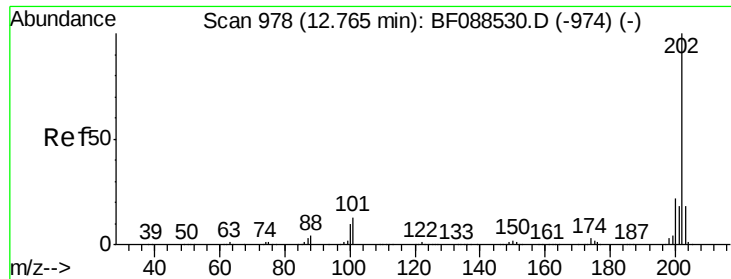
Ion Ratio Lower Upper

184 100

185 16.0 12.5 18.7

183 11.6 9.3 13.9





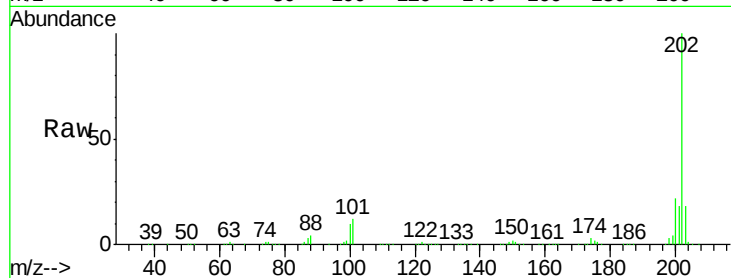
#77
 Pyrene
 Concen: 42.69 ng
 RT: 12.77 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

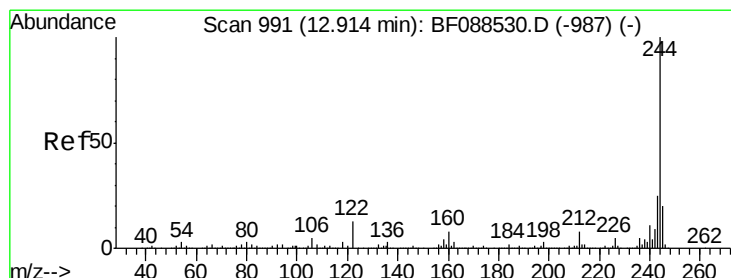
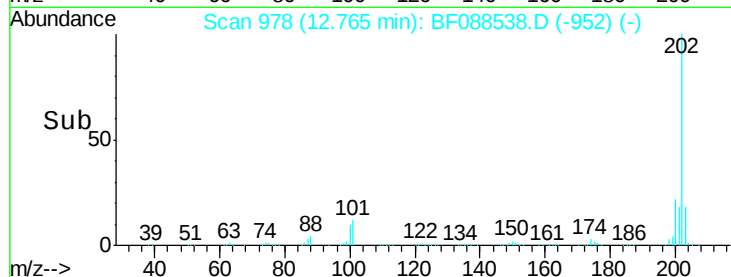
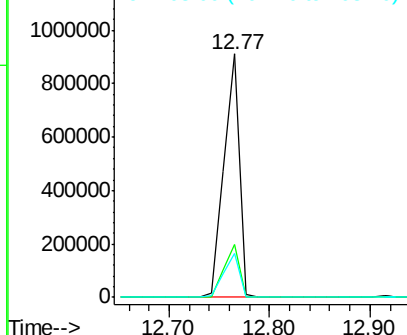
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.5	21.7

Manual Integrations

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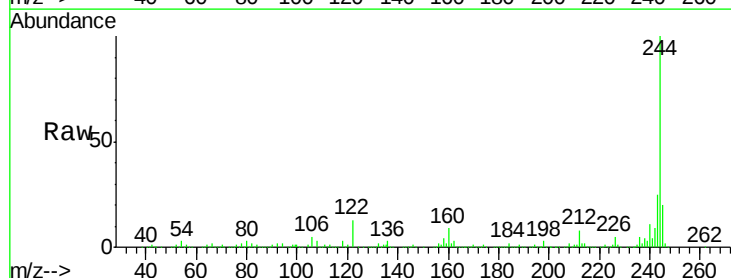


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

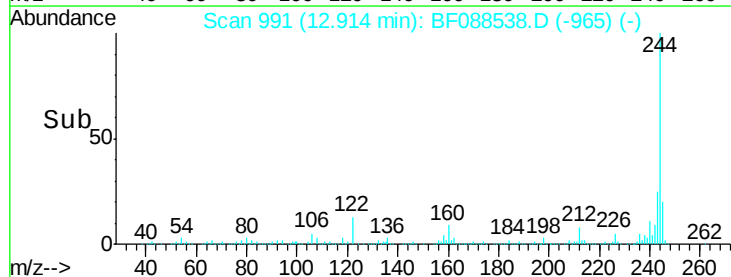
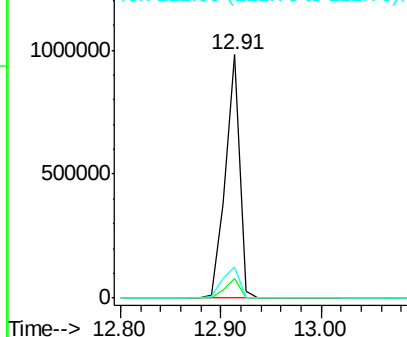


#78
 Terphenyl-d14
 Concen: 80.13 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	12.7	11.2	16.8



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





#79

Butylbenzylphthalate

Concen: 38.43 ng

RT: 13.39 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF088538.D

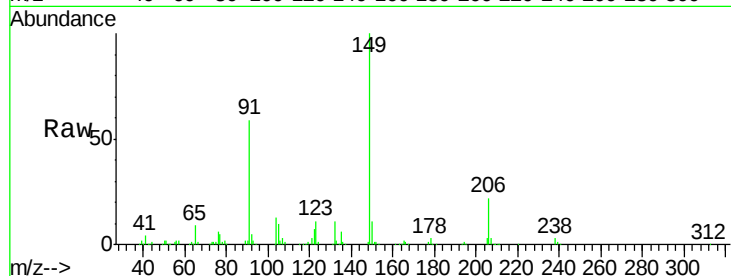
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:149 Resp: 389259

Ion Ratio Lower Upper

149 100

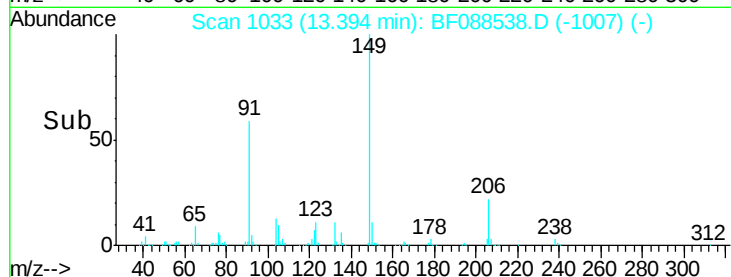
91 58.7 48.0 72.0

206 22.0 16.0 24.0

Manual Integrations

SOHIL

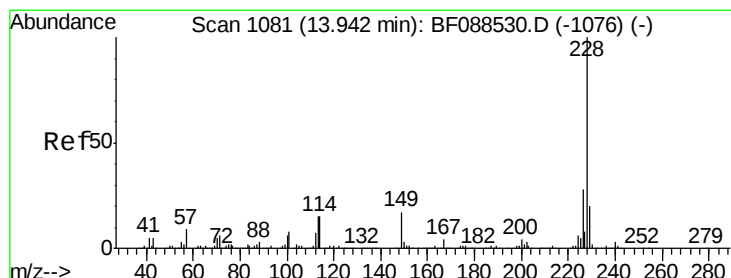
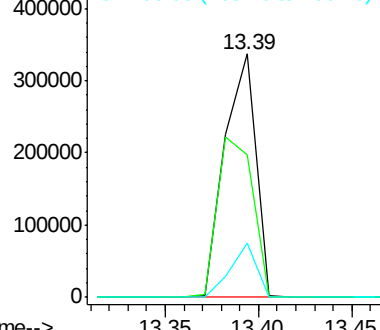
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.15 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

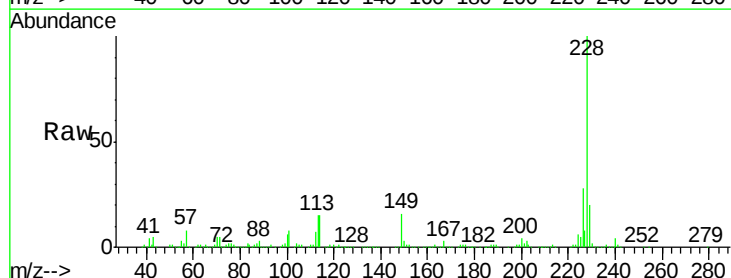
Tgt Ion:228 Resp: 657976

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

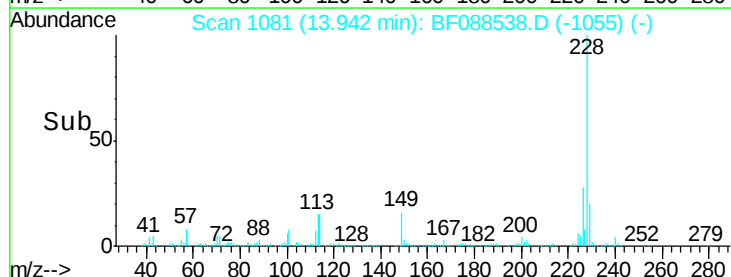
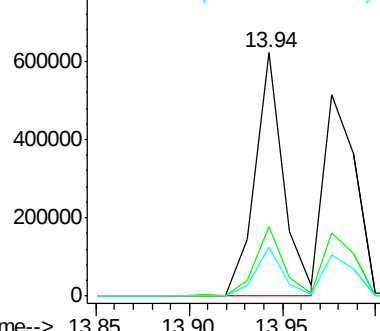
229 20.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





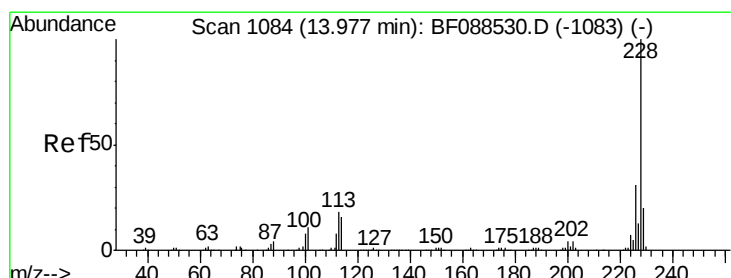
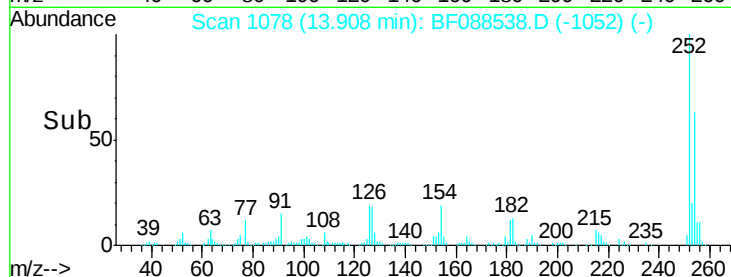
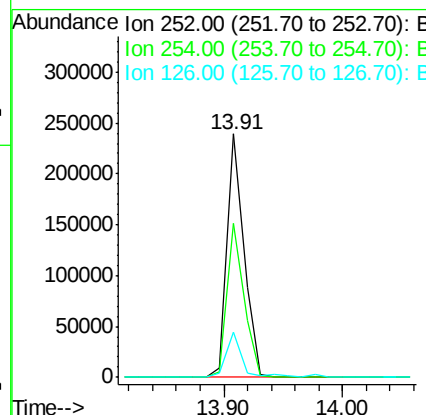
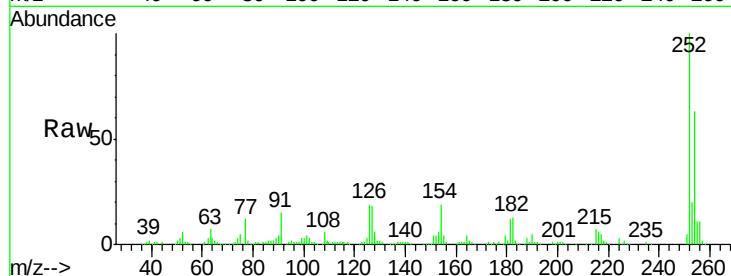
#81
 3,3'-Dichlorobenzidine
 Concen: 36.16 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.6	78.8
126	18.6	6.2	9.2

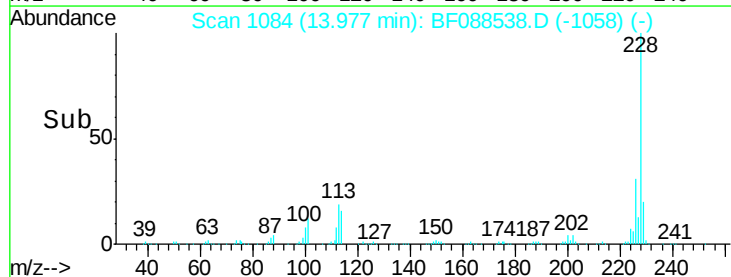
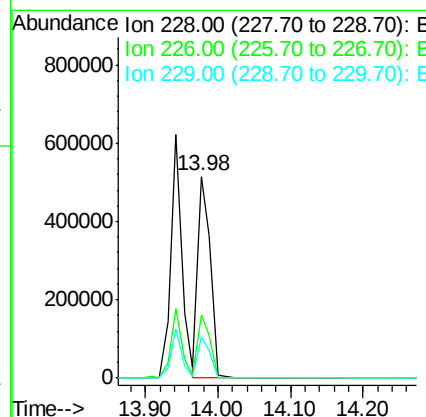
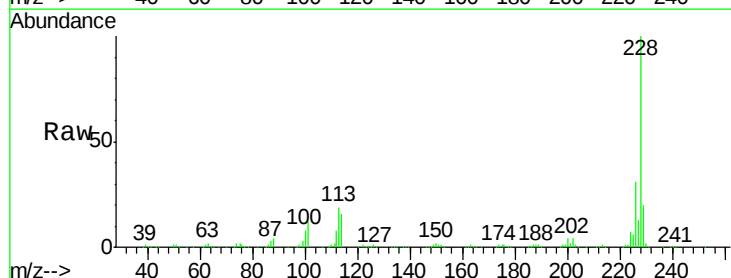
Manual Integrations

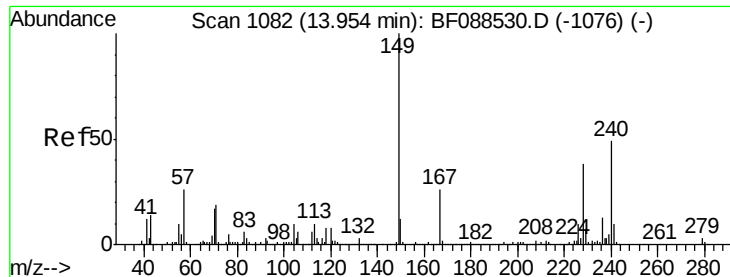
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 7/1/2016 8:05:13 AM



#82
 Chrysene
 Concen: 36.22 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	20.4	16.3	24.5





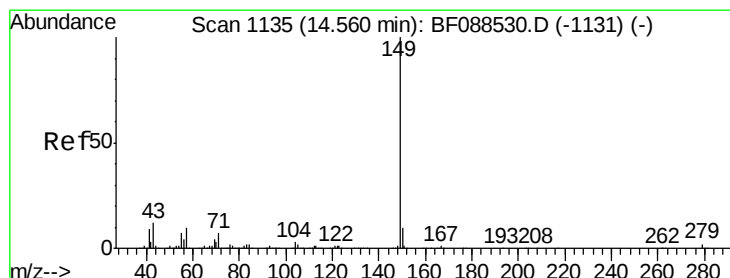
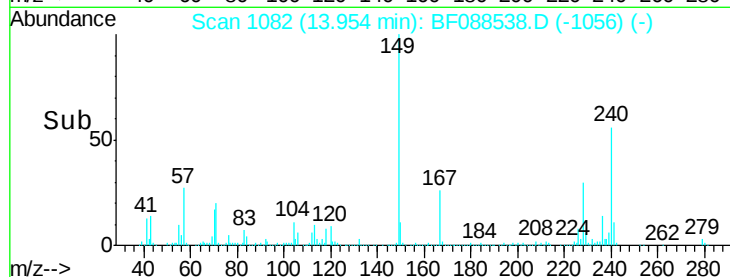
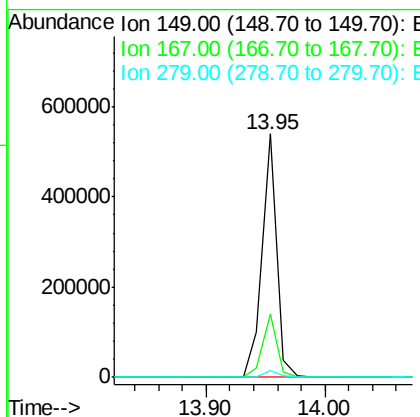
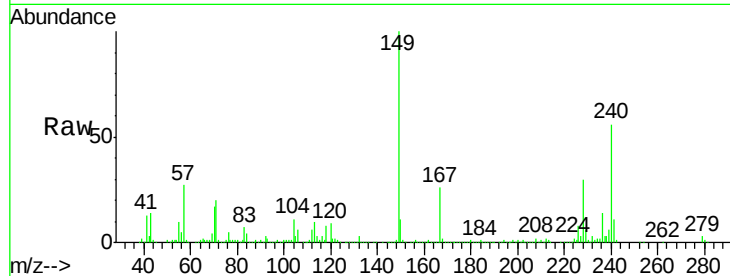
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.63 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.5	30.7
279	2.9	2.0	3.0

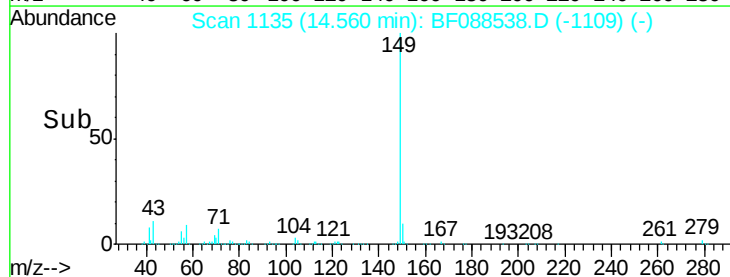
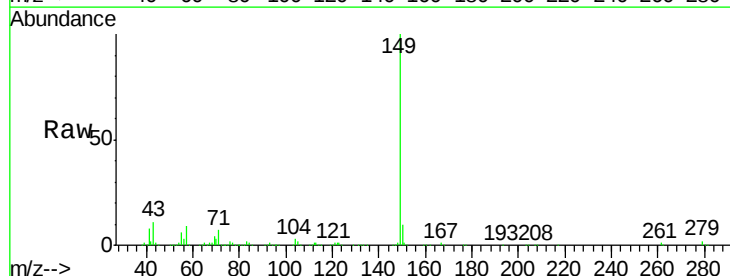
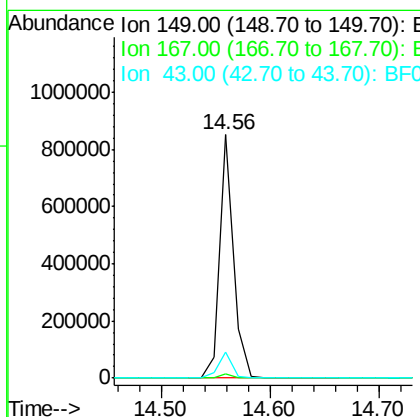
Manual Integrations

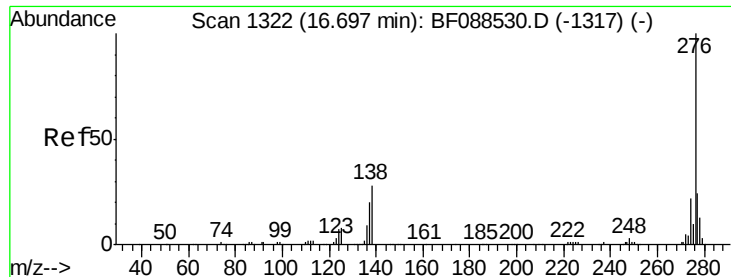
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#84
 Di-n-octyl phthalate
 Concen: 38.75 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	10.7	0.0	0.0#





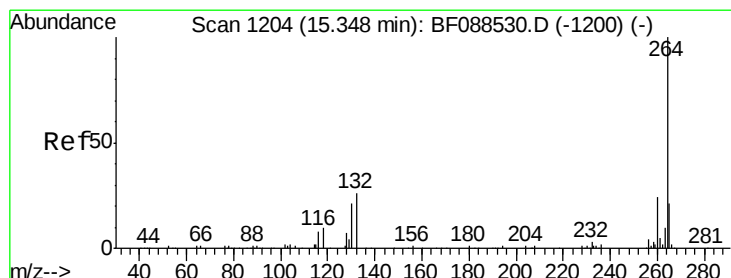
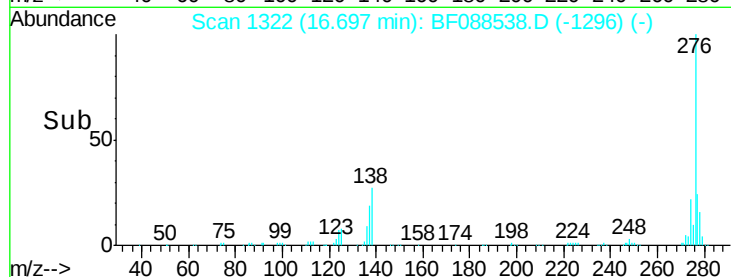
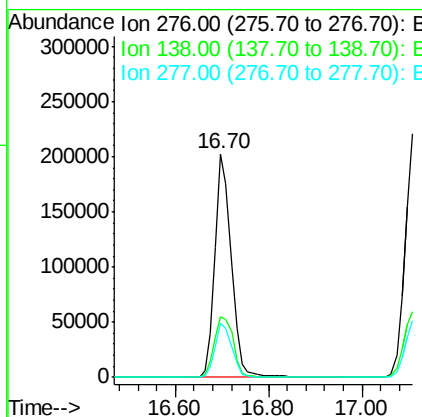
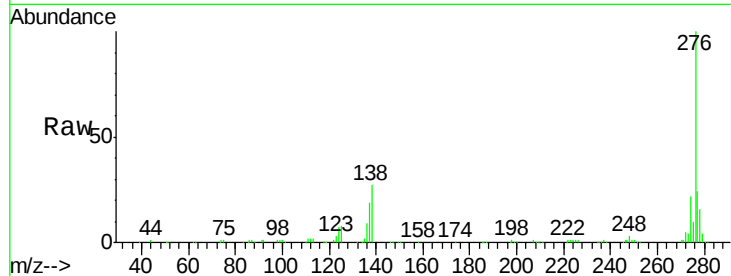
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.66 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	0.0	0.0#
277	25.0	0.0	0.0#

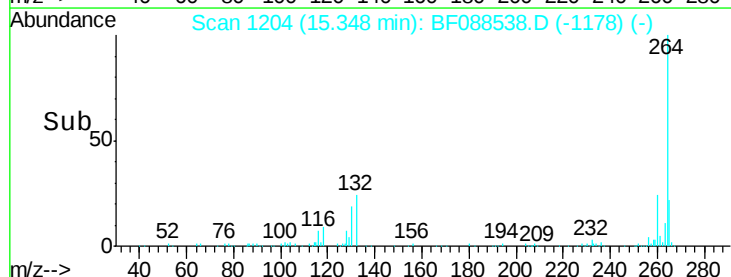
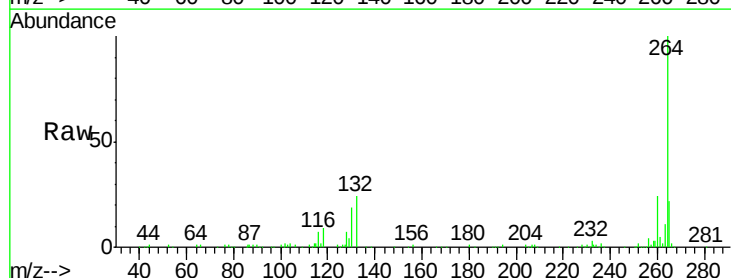
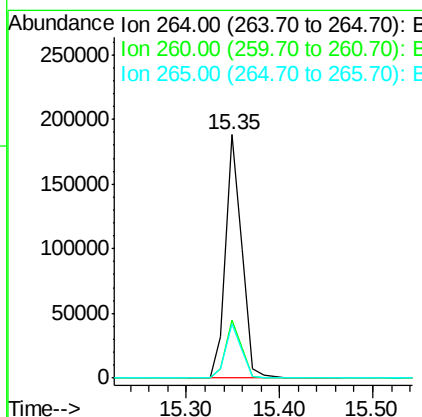
Manual Integrations

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 39.36 ng m

RT: 14.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF088538.D

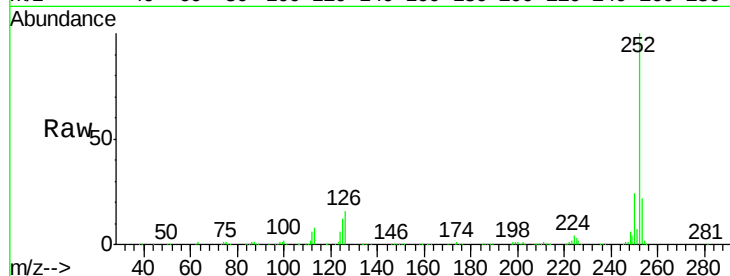
Acq: 30 Jun 2016 19:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:252 Resp: 563104

Ion Ratio Lower Upper

252 100

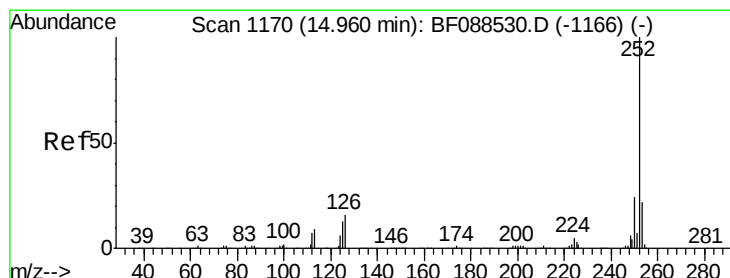
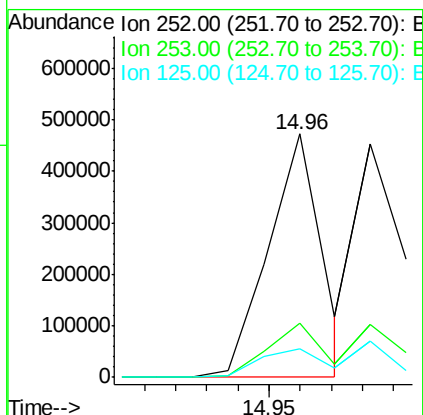
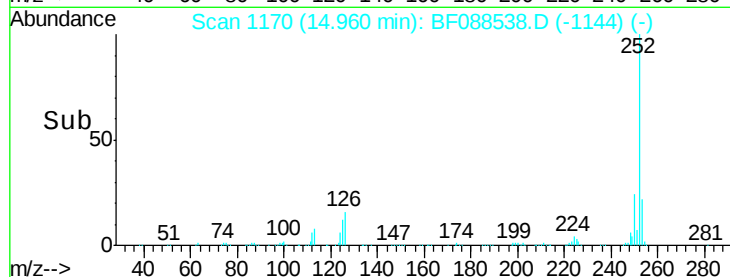
253 22.0 17.4 26.2

125 11.9 7.1 10.7#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 38.99 ng m

RT: 14.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF088538.D

Acq: 30 Jun 2016 19:31

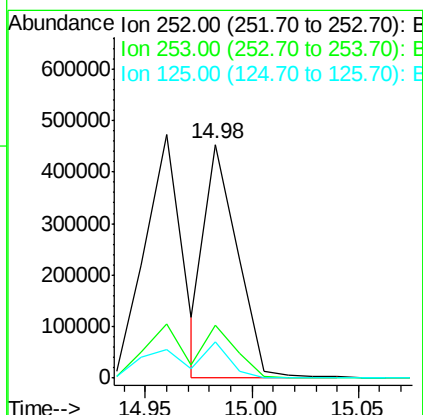
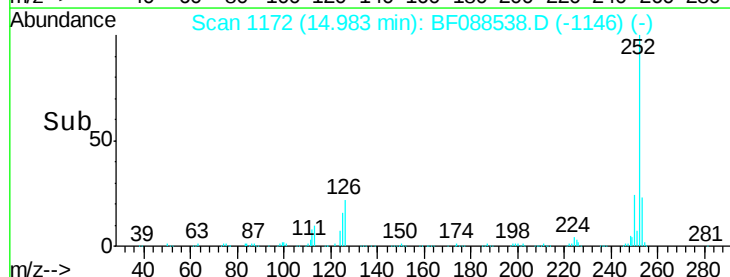
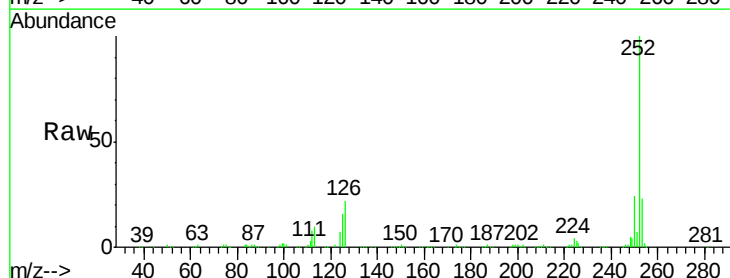
Tgt Ion:252 Resp: 485604

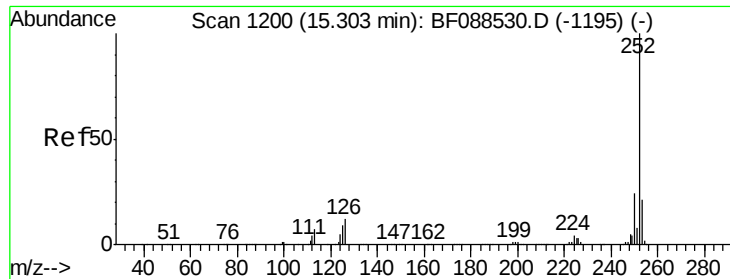
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 15.6 11.2 16.8





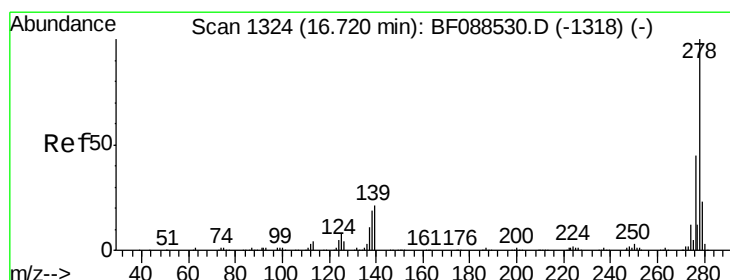
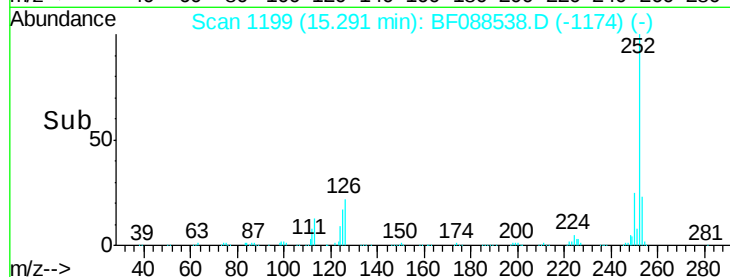
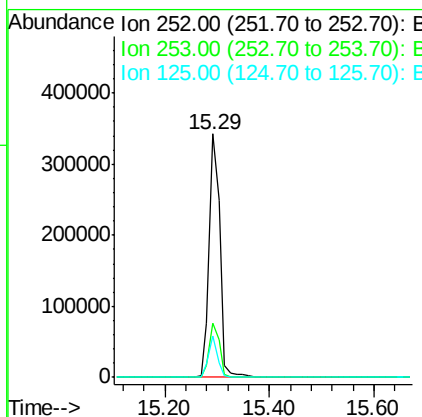
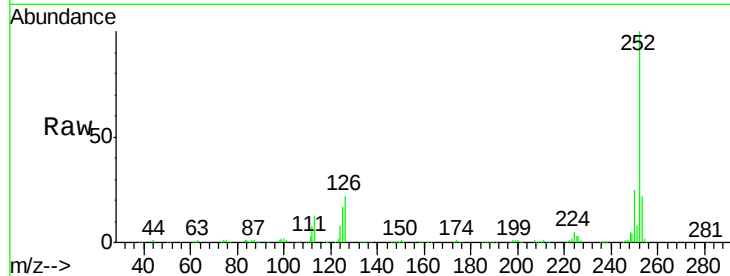
#89
Benzo(a)pyrene
Concen: 40.27 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	17.0	12.5	18.7

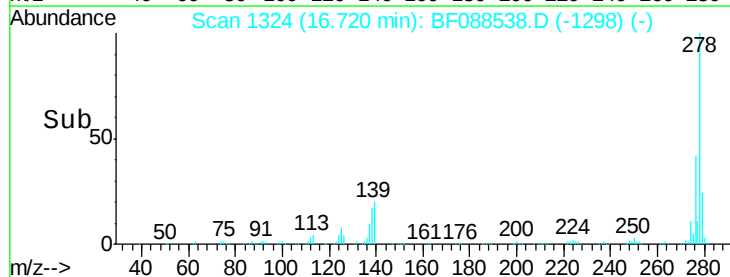
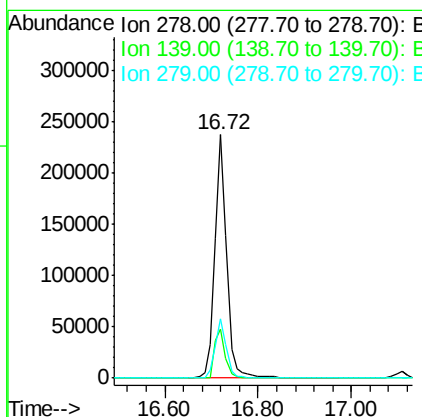
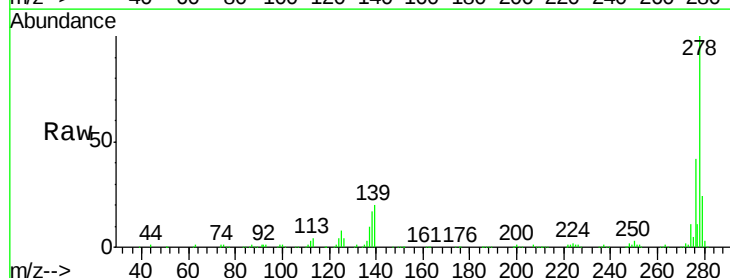
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#90
Dibenzo(a,h)anthracene
Concen: 41.55 ng
RT: 16.72 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF088538.D
Acq: 30 Jun 2016 19:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.7	23.5
279	24.2	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 42.33 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF088538.D
 Acq: 30 Jun 2016 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	27.1	21.4	32.2

Manual Integrations

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