

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088988.D
 Acq On : 14 Jul 2016 15:49
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:23 AM

Quant Time: Jul 15 02:25:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	55953	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	236198	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	109267	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	206724	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	148714	20.00	ng	-0.03
86) Perylene-d12	15.18	264	121556	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	293609	78.64	ng	-0.01
7) Phenol-d6	6.34	99	389467	80.73	ng	-0.01
23) Nitrobenzene-d5	7.26	82	324320	71.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	73356	72.30	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	580789	83.96	ng	-0.02
78) Terphenyl-d14	12.78	244	496398	74.35	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.18	88	64591	34.90	ng	# 29
3) Pyridine	2.82	79	182860	34.05	ng	96
4) n-Nitrosodimethylamine	2.79	42	73479	35.81	ng	97
6) Aniline	6.34	93	257709	36.66	ng	# 50
8) 2-Chlorophenol	6.47	128	156570	39.02	ng	95
9) Benzaldehyde	6.23	77	107187	32.80	ng	90
10) Phenol	6.35	94	221259	40.19	ng	# 61
11) bis(2-Chloroethyl)ether	6.43	93	162368	39.55	ng	# 83
12) 1,3-Dichlorobenzene	6.63	146	184193	41.72	ng	98
13) 1,4-Dichlorobenzene	6.71	146	189261	43.18	ng	99
14) 1,2-Dichlorobenzene	6.86	146	160660m	39.16	ng	
15) Benzyl Alcohol	6.83	79	134073	37.76	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	194827	32.77	ng	79
17) 2-Methylphenol	6.96	107	124558	38.05	ng	95
18) Hexachloroethane	7.20	117	70250	41.44	ng	# 86
19) n-Nitroso-di-n-propylamine	7.12	70	123796	38.20	ng	# 84
20) 3+4-Methylphenols	7.12	107	171868	43.75	ng	# 75
22) Acetophenone	7.11	105	250704	43.73	ng	# 92
24) Nitrobenzene	7.28	77	197573	43.48	ng	92
25) Isophorone	7.52	82	308012	36.89	ng	96
26) 2-Nitrophenol	7.59	139	76930	41.28	ng	# 90
27) 2,4-Dimethylphenol	7.64	122	152293	39.24	ng	89
28) bis(2-Chloroethoxy)methane	7.74	93	213703	39.33	ng	# 96
29) 2,4-Dichlorophenol	7.84	162	135187	43.10	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	145954	42.40	ng	99
31) Naphthalene	8.00	128	509344	43.74	ng	98
32) Benzoic acid	7.78	122	104536	37.10	ng	92
33) 4-Chloroaniline	8.04	127	188681	36.42	ng	94
34) Hexachlorobutadiene	8.11	225	73516	39.88	ng	98
35) Caprolactam	8.42	113	40427	37.95	ng	94
36) 4-Chloro-3-methylphenol	8.54	107	142491	38.41	ng	89
37) 2-Methylnaphthalene	8.68	142	306280	40.85	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	174460	48.00	ng	# 1
40) Hexachlorocyclopentadiene	8.84	237	57345	32.15	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	90404	37.73	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	87547	42.47	nq #	83
45) 1,1'-Biphenyl	9.15	154	411001	45.42	nq	96
46) 2-Chloronaphthalene	9.18	162	293865	41.37	nq	94
47) 2-Nitroaniline	9.27	65	94963	37.67	nq	95
48) Acenaphthylene	9.59	152	472906	41.84	nq	98
49) Dimethylphthalate	9.46	163	330492	42.45	nq	98
50) 2,6-Dinitrotoluene	9.52	165	73510	42.61	nq	96
51) Acenaphthene	9.76	154	306134	44.19	nq	99
52) 3-Nitroaniline	9.68	138	78870	35.96	nq	90
53) 2,4-Dinitrophenol	9.78	184	31215	40.98	nq #	68
54) Dibenzofuran	9.93	168	377853	41.67	nq	96
55) 4-Nitrophenol	9.85	139	58647	35.19	nq	87
56) 2,4-Dinitrotoluene	9.92	165	104433	46.30	nq #	80
57) Fluorene	10.26	166	280608	40.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	63596	39.87	nq #	44
59) Diethylphthalate	10.15	149	309305	39.59	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	141896	43.70	nq	95
61) 4-Nitroaniline	10.30	138	92313	43.74	nq	93
62) Azobenzene	10.42	77	364147	40.86	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	44845	40.56	nq	84
65) n-Nitrosodiphenylamine	10.39	169	274801	39.28	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	81494	39.12	nq #	92
67) Hexachlorobenzene	10.81	284	79133	34.31	nq	91
68) Atrazine	10.91	200	89493	41.05	nq	93
69) Pentachlorophenol	11.00	266	45171	33.10	nq	97
70) Phenanthrene	11.22	178	490336	43.39	nq	99
71) Anthracene	11.27	178	412715	36.73	nq	99
72) Carbazole	11.43	167	436435	41.27	nq	99
73) Di-n-butylphthalate	11.77	149	532045	43.25	nq	99
74) Fluoranthene	12.40	202	483775	42.23	nq	98
76) Benzidine	12.52	184	254142	33.81	nq	99
77) Pyrene	12.63	202	533858	42.34	nq	98
79) Butylbenzylphthalate	13.26	149	222882	39.63	nq	96
80) Benzo(a)anthracene	13.81	228	369768	38.61	nq	100
81) 3,3'-Dichlorobenzidine	13.78	252	130155	36.15	nq #	98
82) Chrysene	13.84	228	339380	35.82	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	283836	44.20	nq	99
84) Di-n-octyl phthalate	14.42	149	450113	41.26	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	270741	37.14	nq #	100
87) Benzo(b)fluoranthene	14.81	252	347585m	45.58	nq	
88) Benzo(k)fluoranthene	14.83	252	261647m	39.42	nq	
89) Benzo(a)pyrene	15.13	252	290048	44.93	nq #	93
90) Dibenzo(a,h)anthracene	16.47	278	232899	43.20	nq	98
91) Benzo(g,h,i)perylene	16.85	276	232905	41.75	nq #	94

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

```

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Acq On    : 14 Jul 2016   15:49
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1

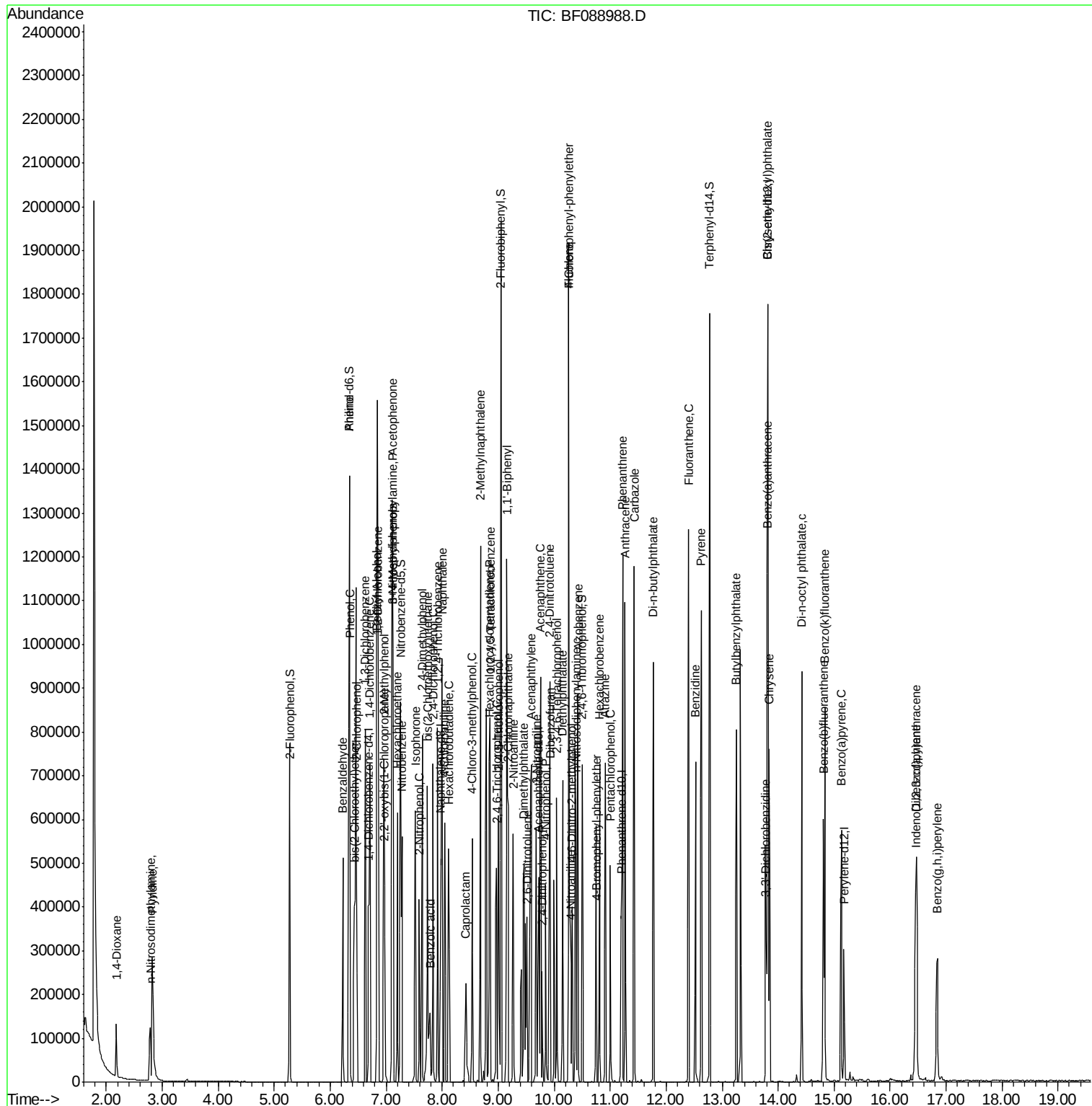
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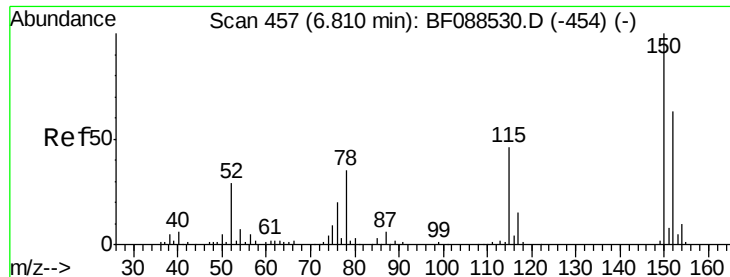
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations

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7/15/2016 9:16:23 AM

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#1

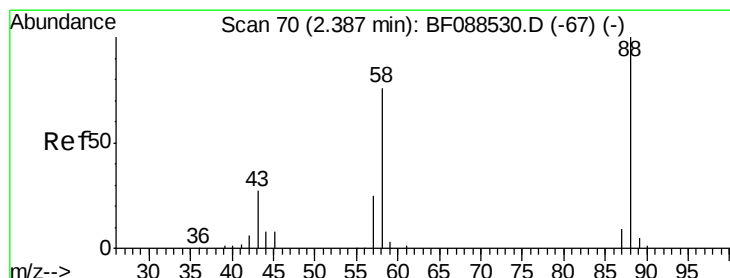
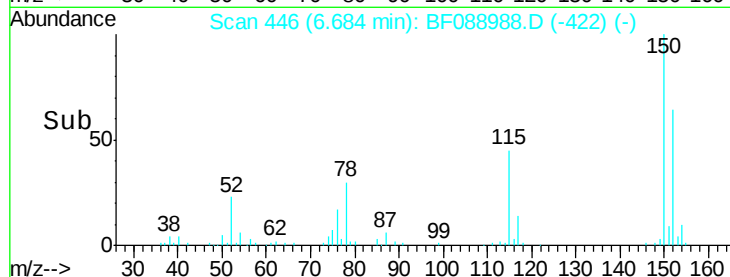
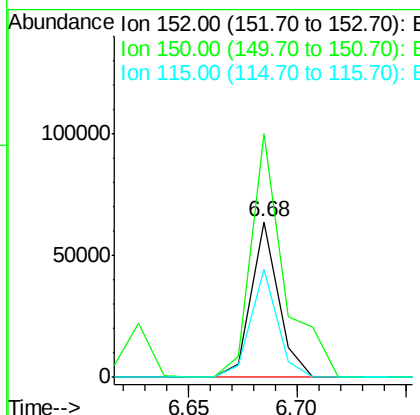
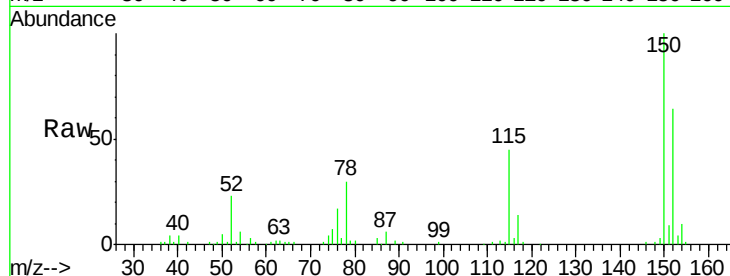
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.8	185.6
115	69.6	39.6	59.4

Manual Integrations

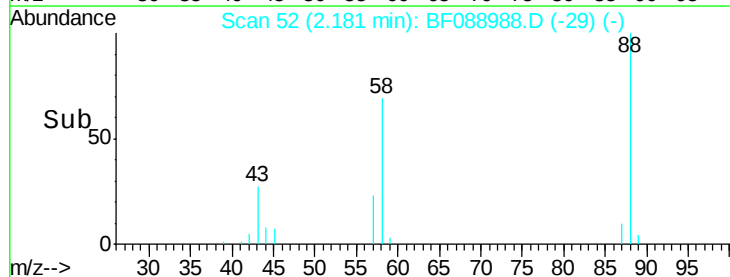
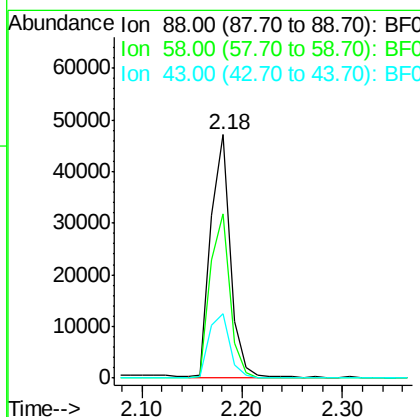
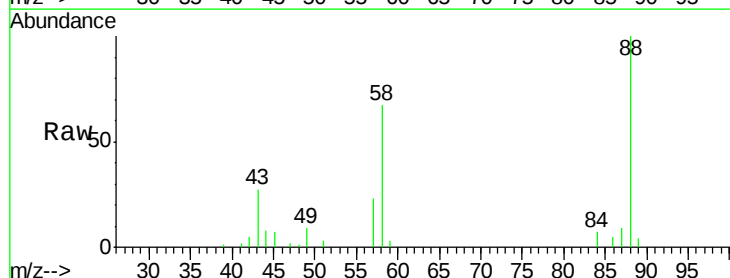
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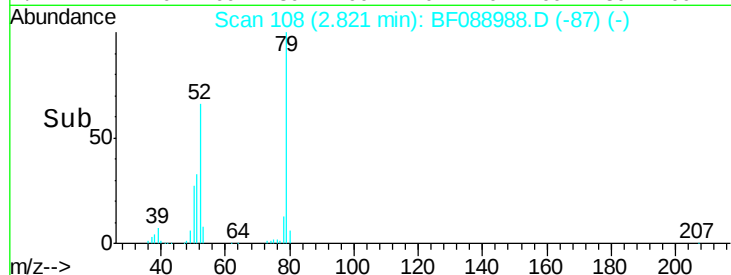
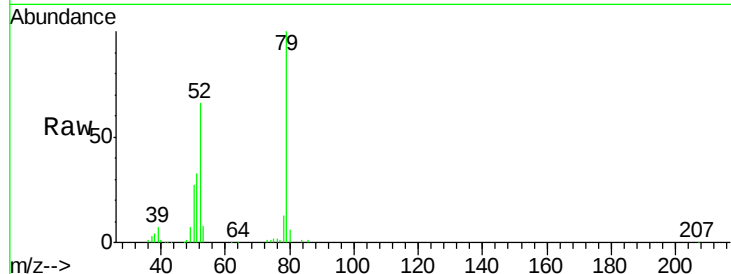
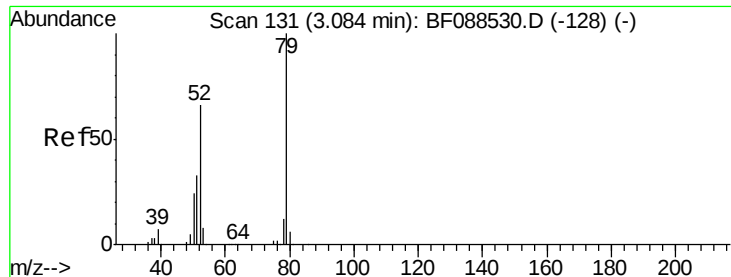


#2

1,4-Dioxane
Concen: 34.90 ng
RT: 2.18 min Scan# 52
Delta R.T. -0.03 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	0.0	0.0
43	27.7	3.4	5.2





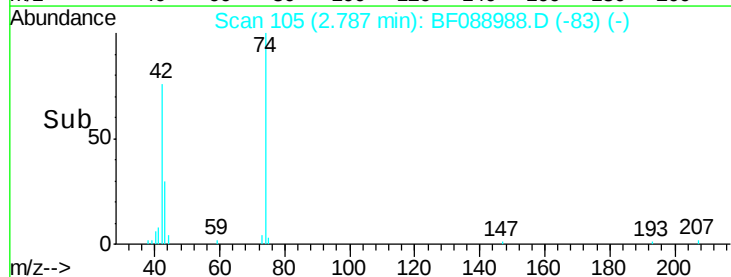
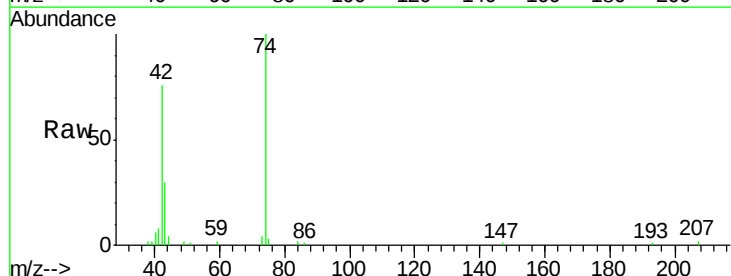
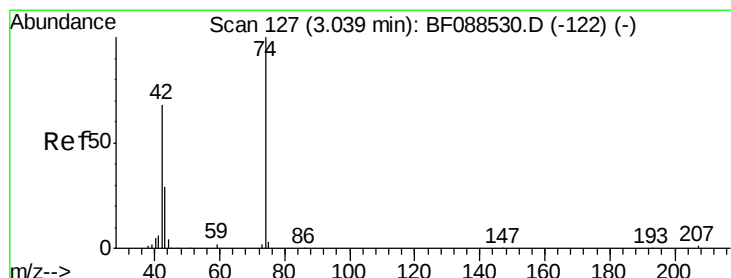
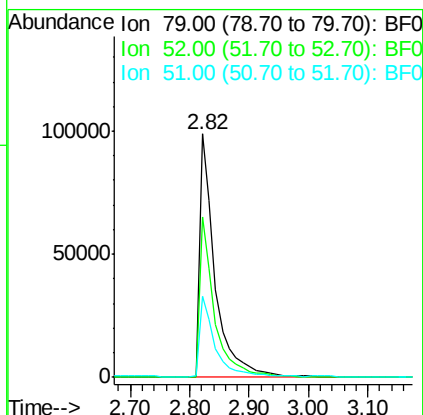
#3
Pvridine
Concen: 34.05 ng
RT: 2.82 min Scan# 108
Delta R.T. -0.06 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tot Ion:	79	Resp:	182860
Ion Ratio	Lower	Upper	
79	100		
52	65.8	56.3	84.5
51	33.4	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

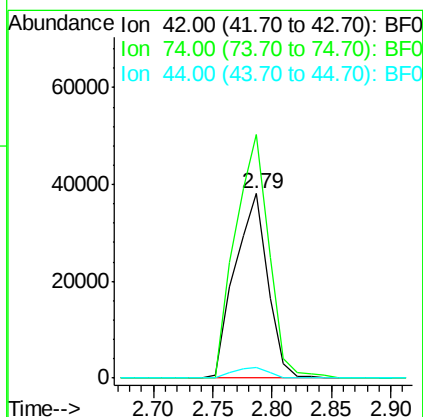
Manual Integrations

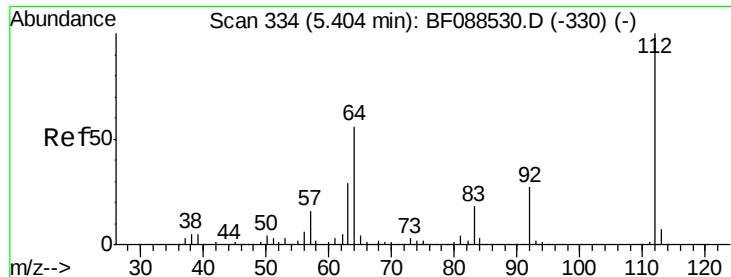
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#4
n-Nitrosodimethylamine
Concen: 35.81 ng
RT: 2.79 min Scan# 105
Delta R.T. -0.05 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:	42	Resp:	73479
Ion Ratio	Lower	Upper	
42	100		
74	132.2	108.6	163.0
44	5.8	5.5	8.3





#5

2-Fluorophenol

Concen: 78.64 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

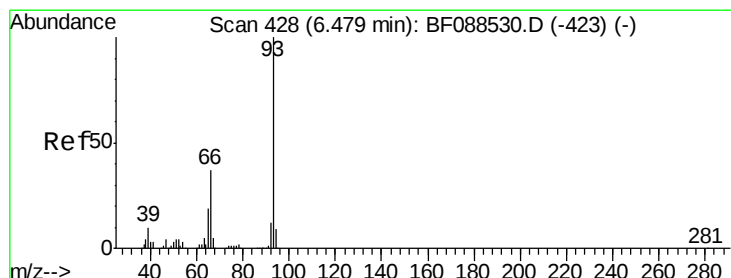
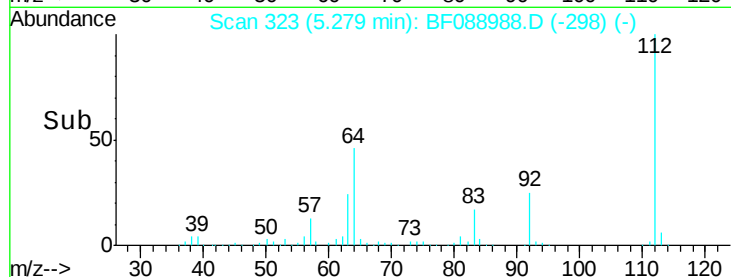
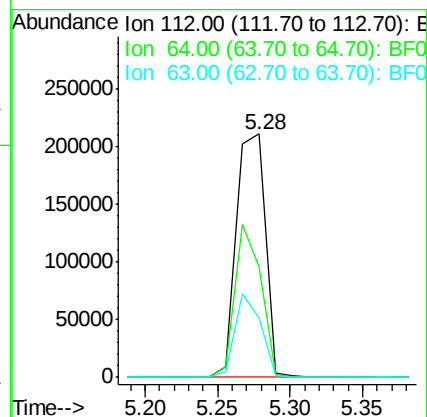
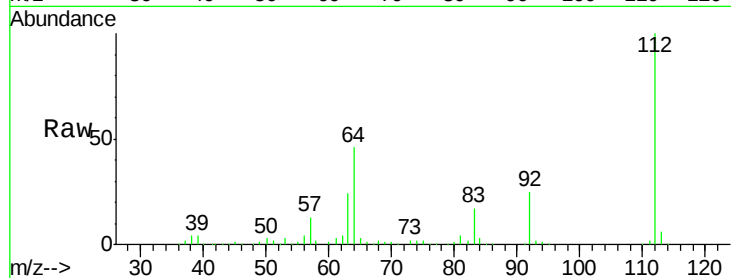
SSTDCCC040EC

Tot Ion:	112	Resp:	293609
Ion Ratio	Lower	Upper	
112	100		
64	45.6	42.2	63.2
63	24.4	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 36.66 ng

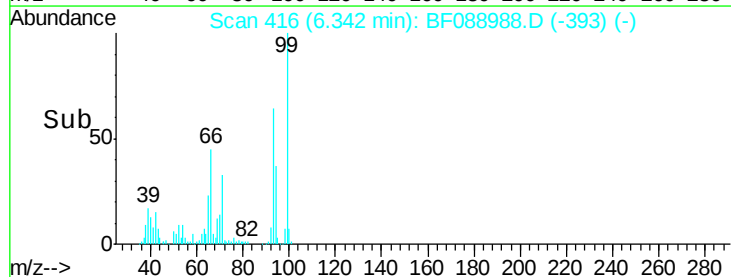
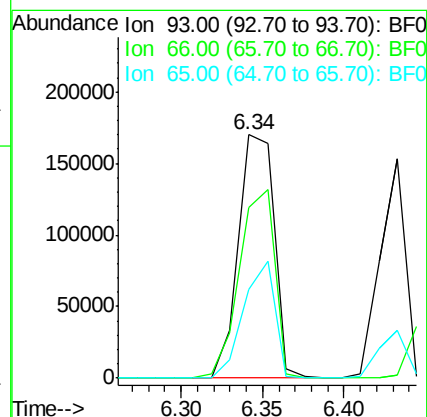
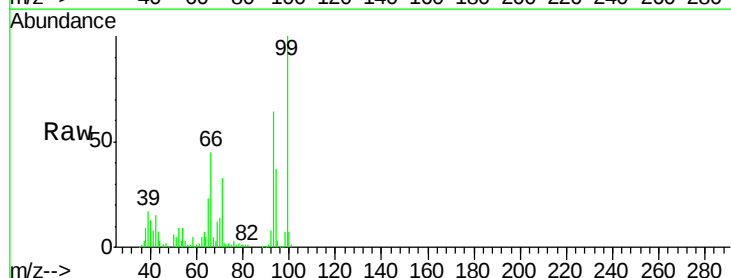
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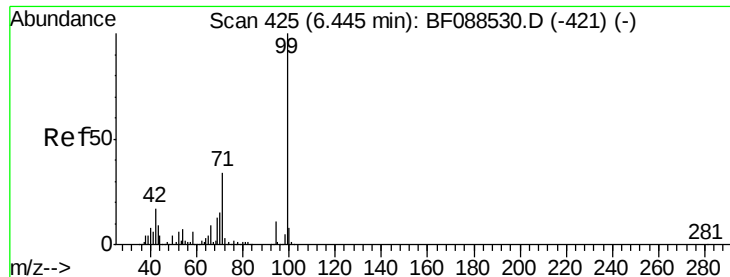
Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	93	Resp:	257709
Ion Ratio	Lower	Upper	
93	100		
66	70.0	29.8	44.8#
65	36.6	14.9	22.3#





#7

Phenol-d6

Concen: 80.73 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

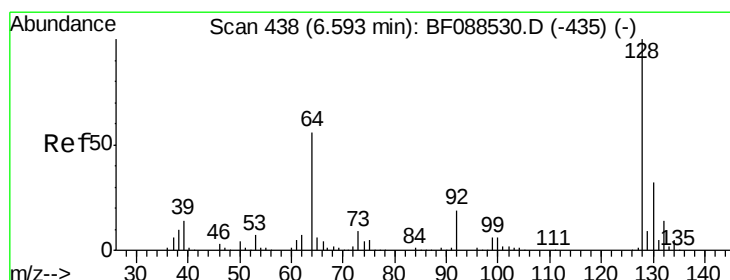
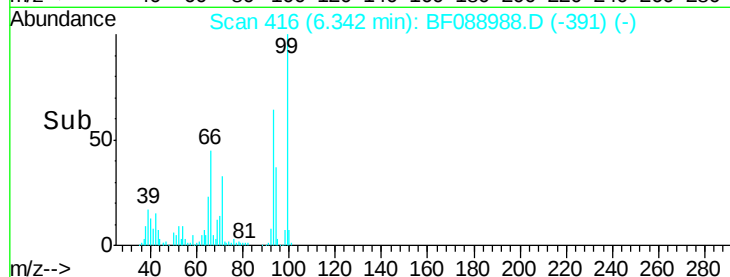
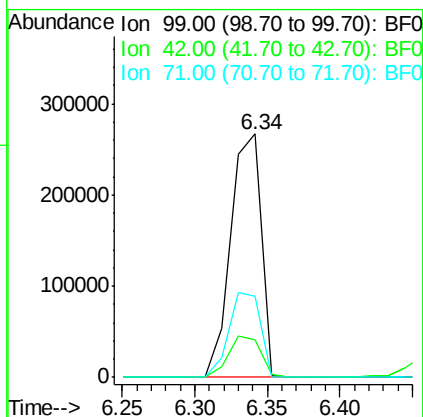
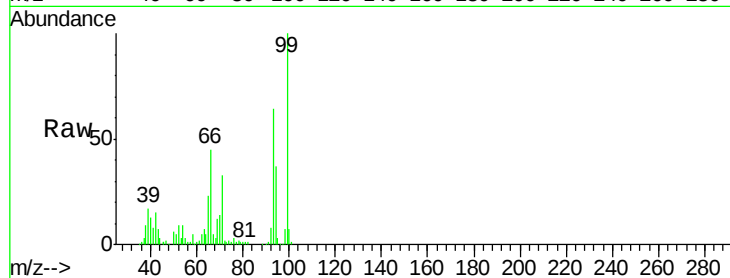
SSTDCCC040EC

Tot Ion:	99	Resp:	389467
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	33.4	23.4	35.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.02 ng

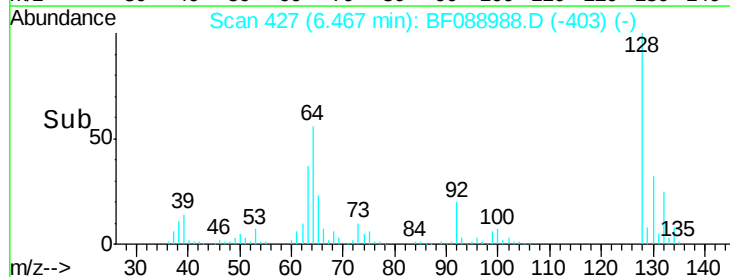
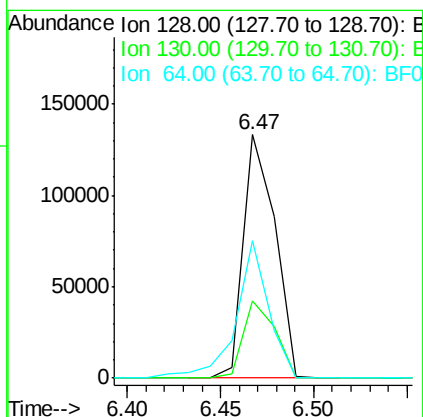
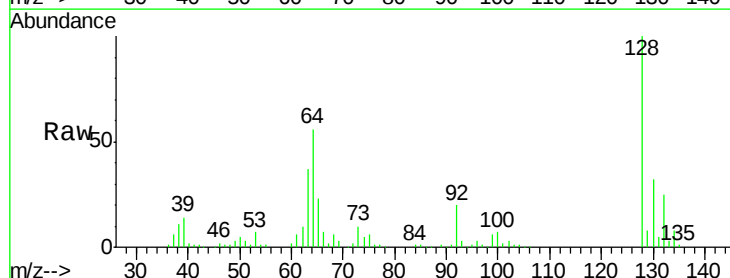
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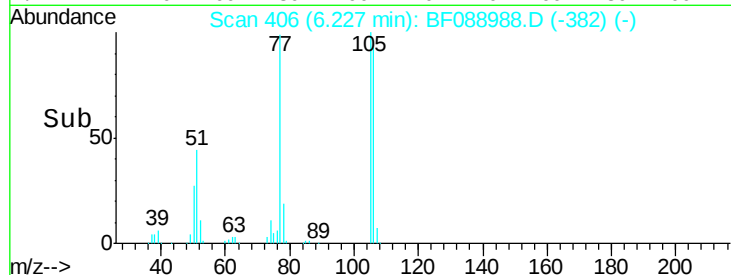
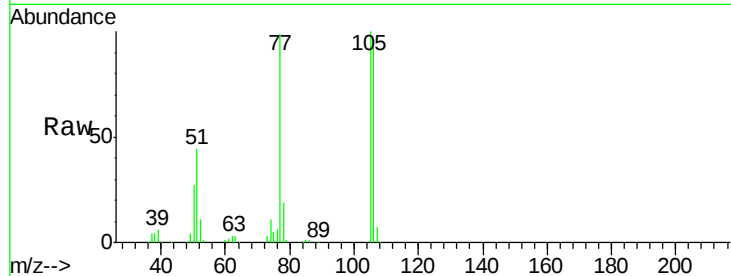
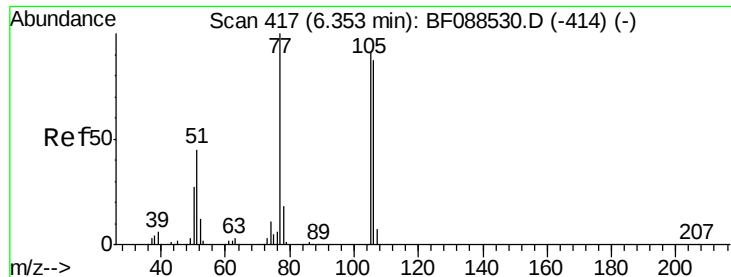
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	128	Resp:	156570
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	56.2	30.8	70.8





#9

Benzaldehyde

Concen: 32.80 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tot Ion:	77	Resp:	107187
Ion Ratio	Lower	Upper	
77	100		
105	100.5	90.6	130.6
106	93.9	85.3	125.3

Instrument :

BNA_F

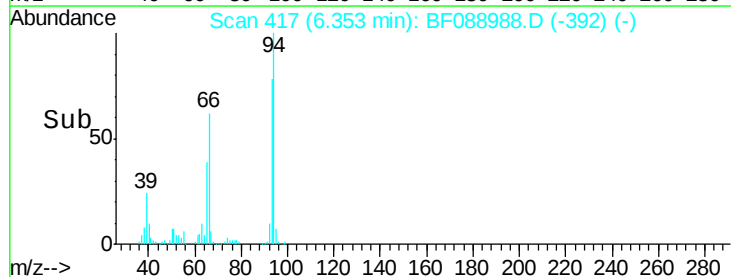
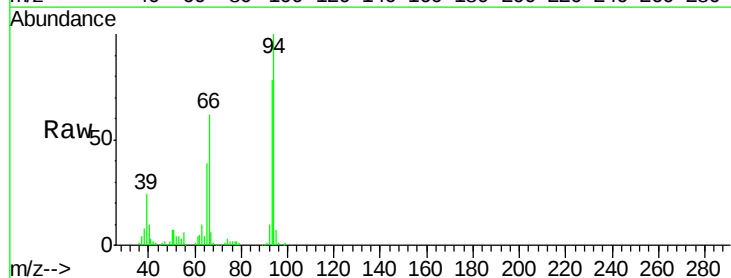
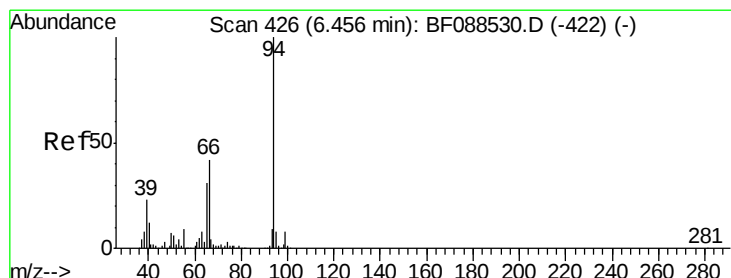
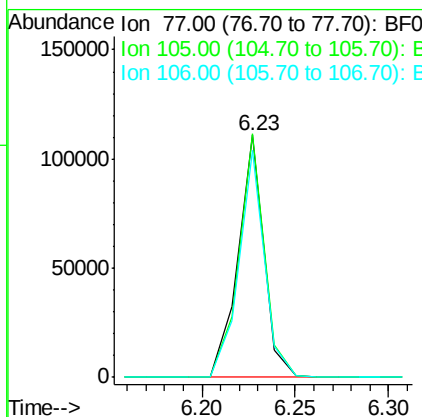
ClientSampleId :

SSTDCCC040EC

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#10

Phenol

Concen: 40.19 ng

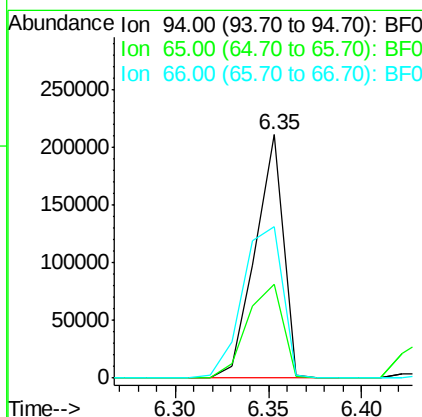
RT: 6.35 min Scan# 417

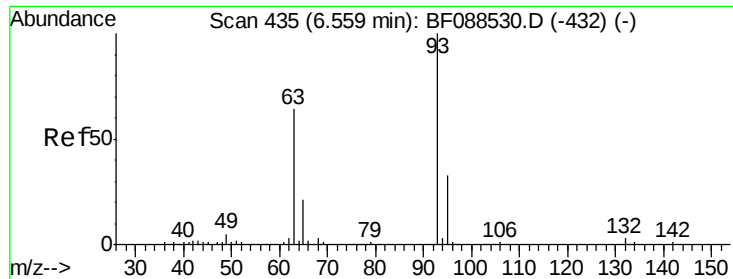
Delta R.T. -0.01 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	94	Resp:	221259
Ion Ratio	Lower	Upper	
94	100		
65	38.6	5.9	45.9
66	62.2	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 39.55 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

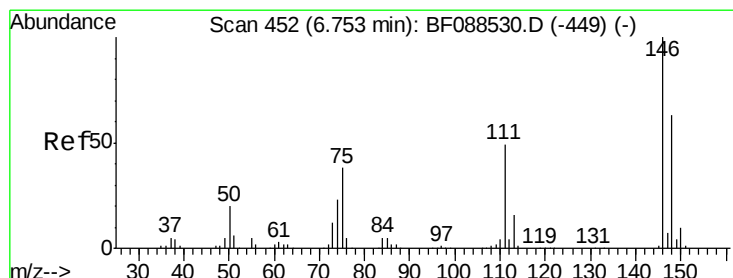
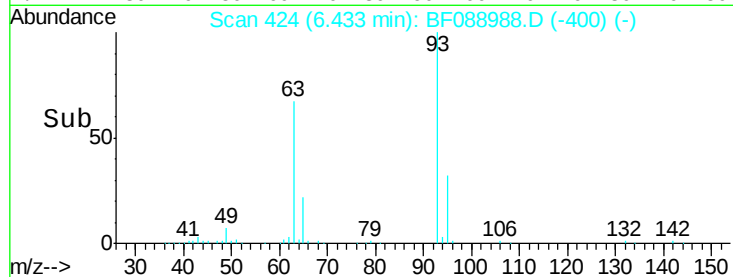
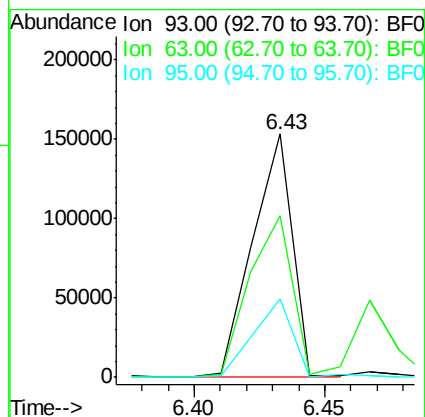
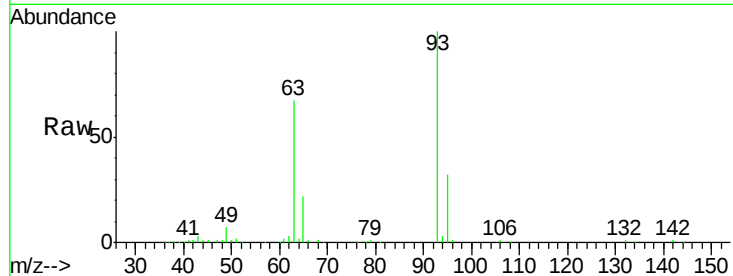
Tot Ion:	93	Resp:	162368
Ion Ratio	Lower	Upper	
93	100		
63	66.6	67.6	107.6#
95	32.4	12.5	52.5

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 41.72 ng

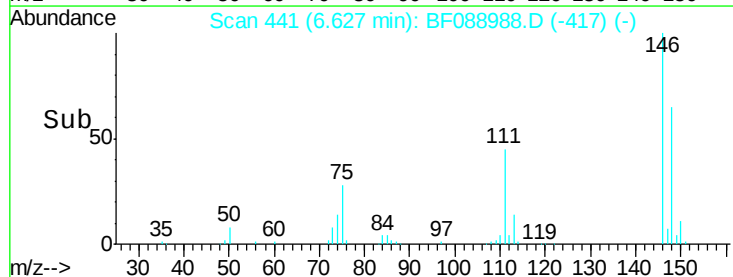
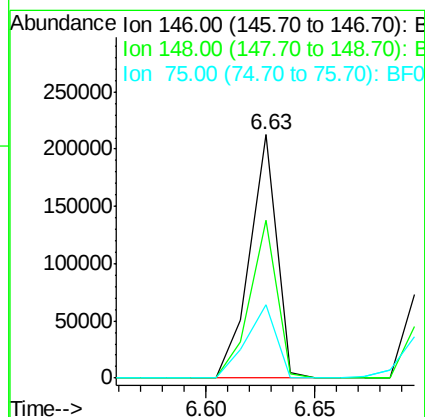
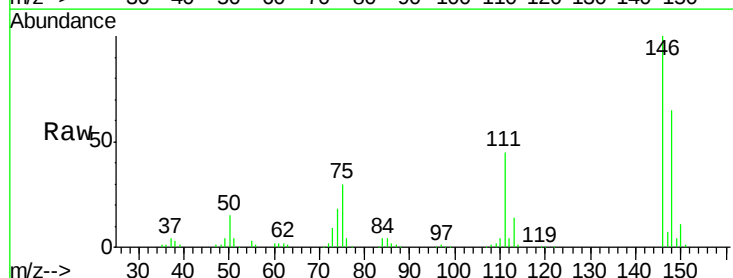
RT: 6.63 min Scan# 441

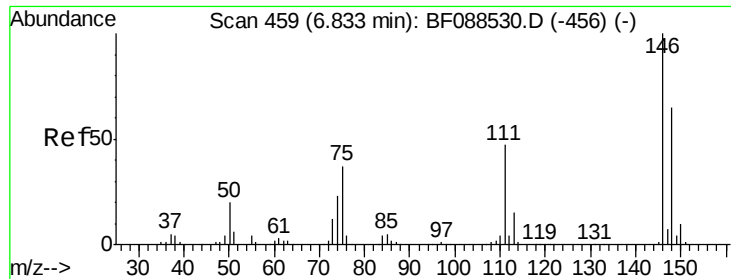
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	146	Resp:	184193
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.9	76.3
75	29.9	25.6	38.4





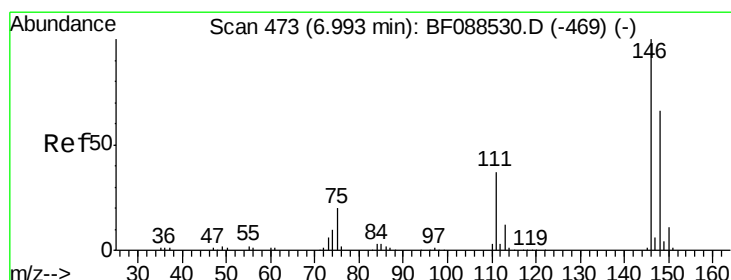
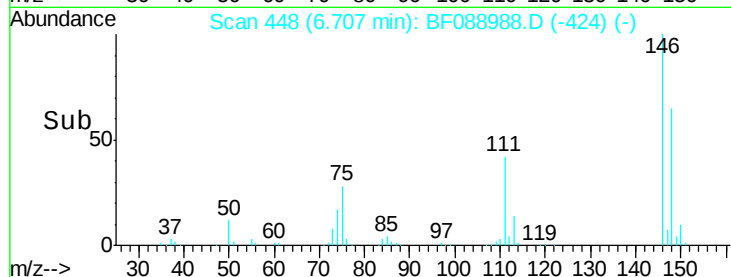
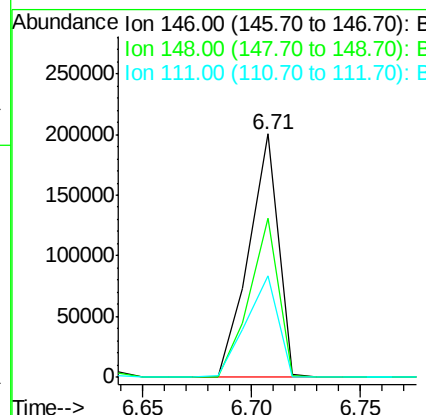
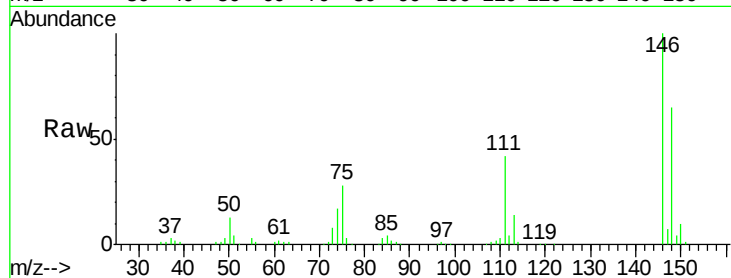
#13
 1,4-Dichlorobenzene
 Concen: 43.18 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
111	41.6	33.8	50.8

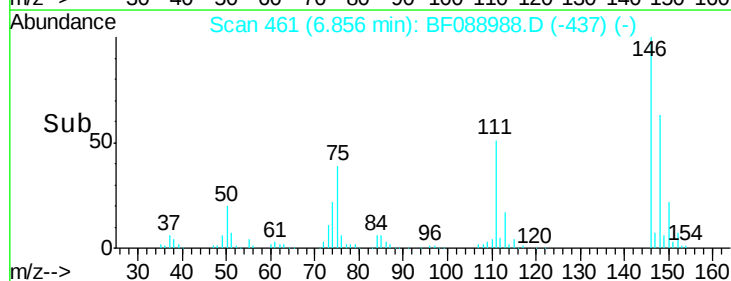
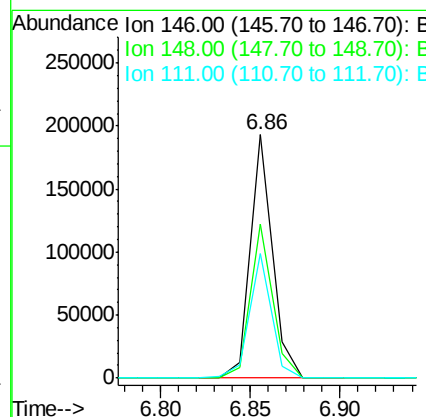
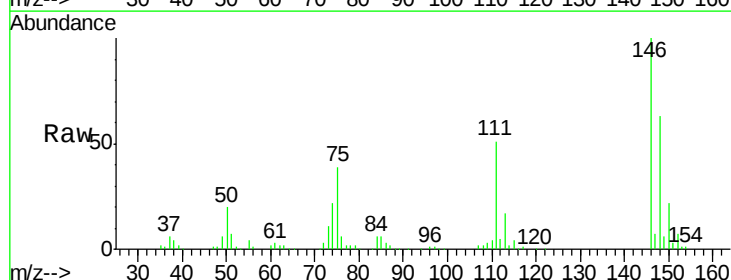
Manual Integrations

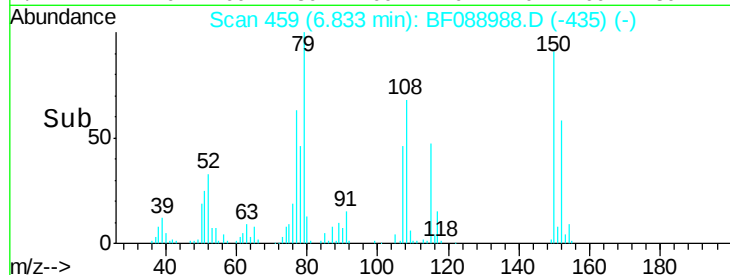
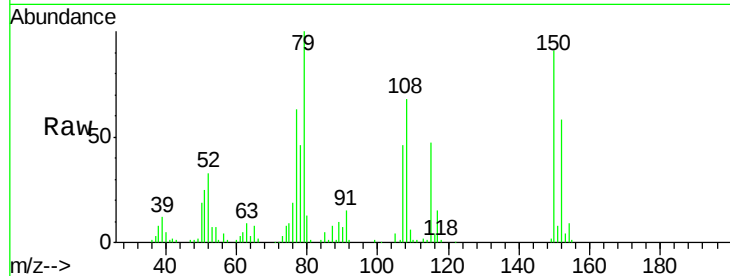
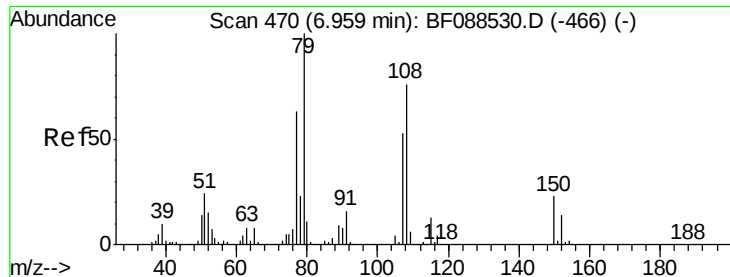
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#14
 1,2-Dichlorobenzene
 Concen: 39.16 ng m
 RT: 6.86 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.3	78.5
111	51.4	28.7	43.1#





#15

Benzyl Alcohol

Concen: 37.76 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF088988.D

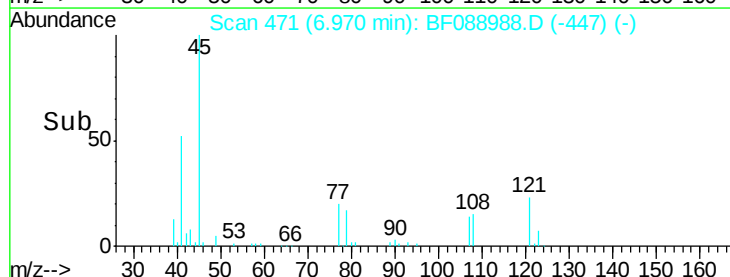
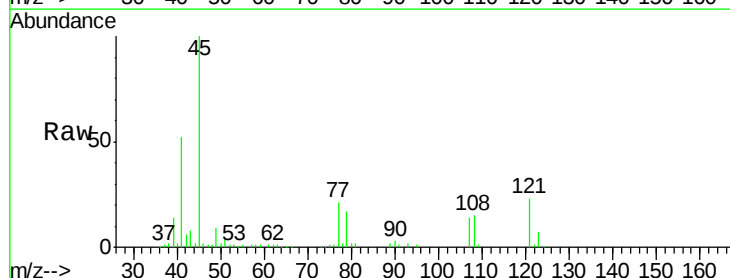
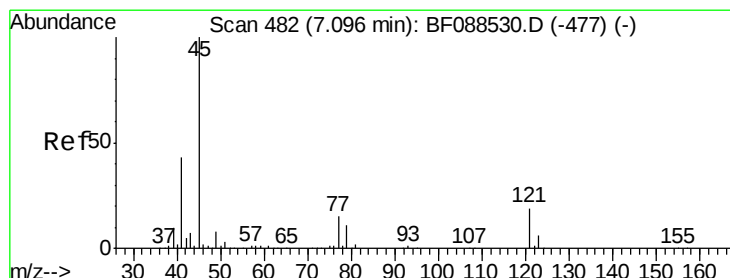
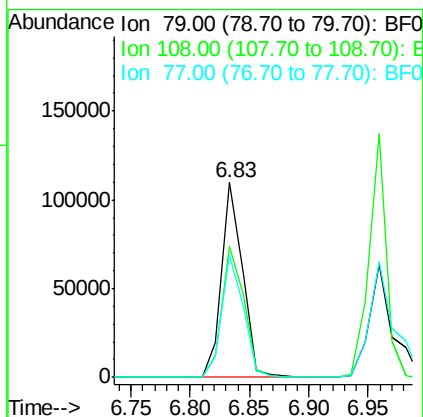
Acq: 14 Jul 2016 15:49

Tot Ion:	79	Resp:	134073
Ion Ratio	Lower	Upper	
79	100		
108	67.5	65.0	97.6
77	62.6	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.77 ng

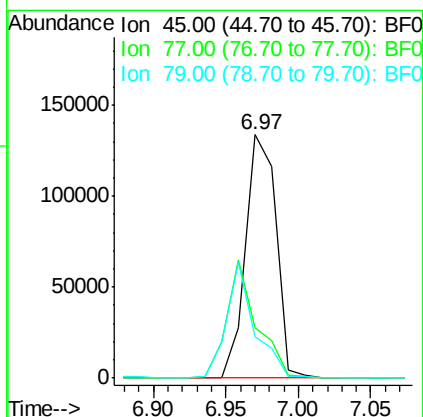
RT: 6.97 min Scan# 471

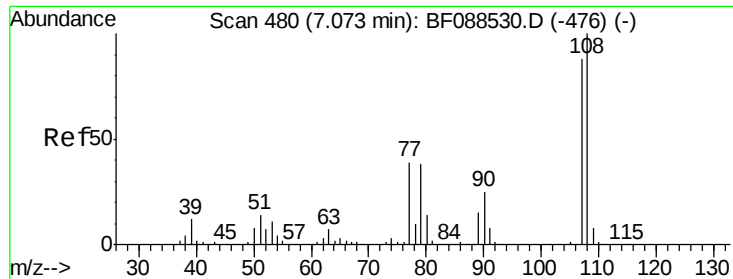
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	45	Resp:	194827
Ion Ratio	Lower	Upper	
45	100		
77	20.8	0.0	32.5
79	17.0	0.0	29.5





#17

2-Methylphenol

Concen: 38.05 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

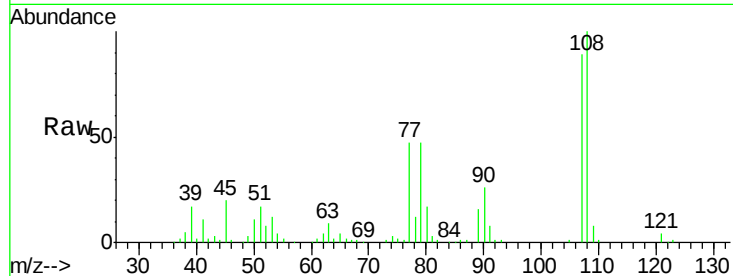
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		124558		
108	112.4	90.9	136.3		
77	53.1	36.6	55.0		
79	52.4	36.5	54.7		

Manual Integrations

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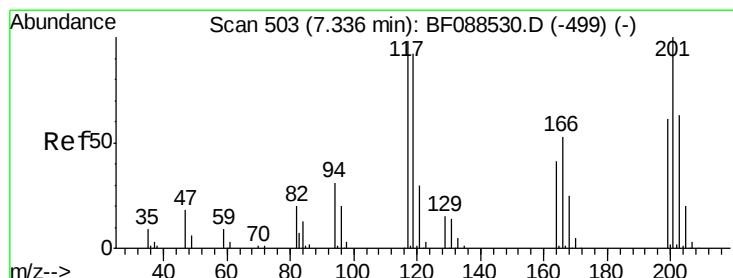
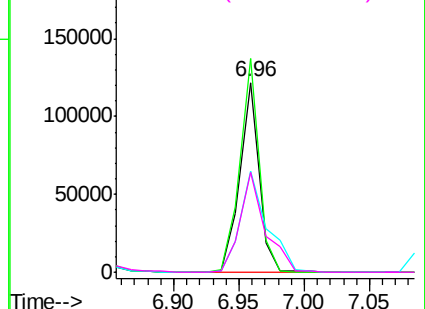
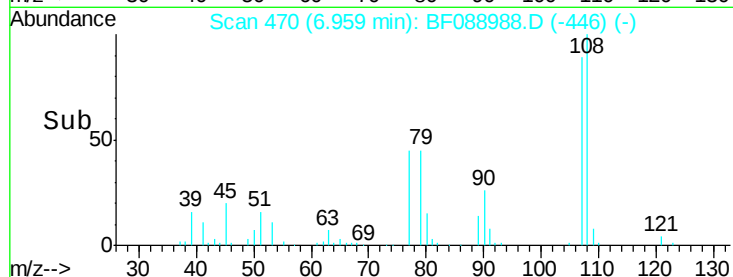
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.44 ng

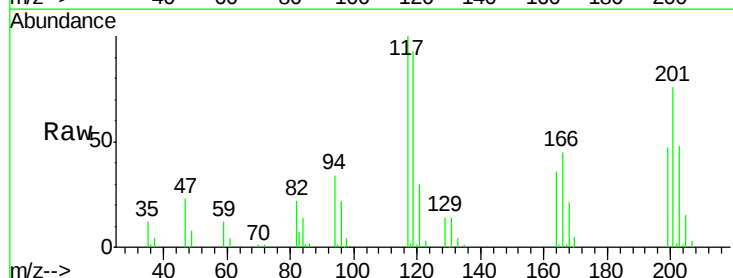
RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		70250		
119	93.3	77.4	116.2		
201	75.6	80.4	120.6#		

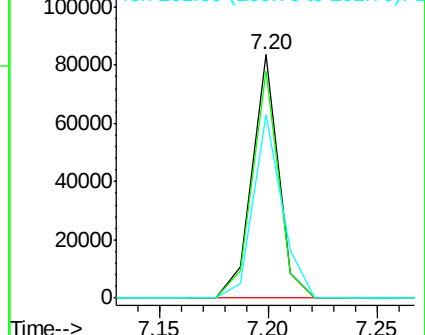
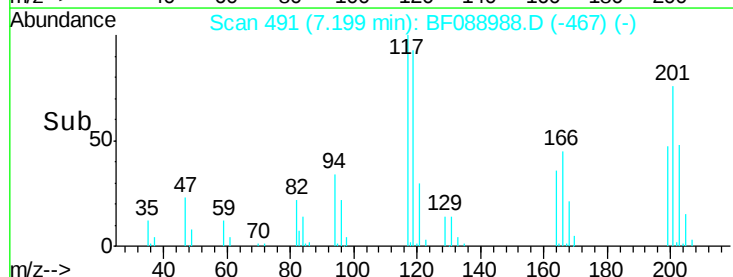


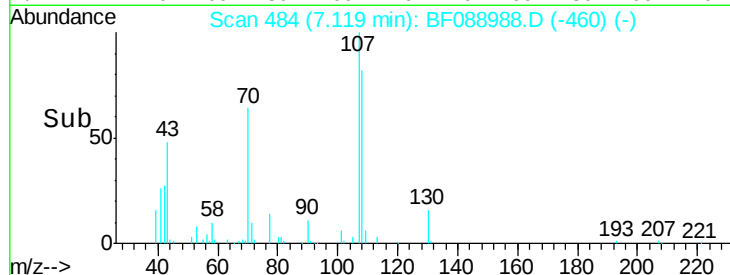
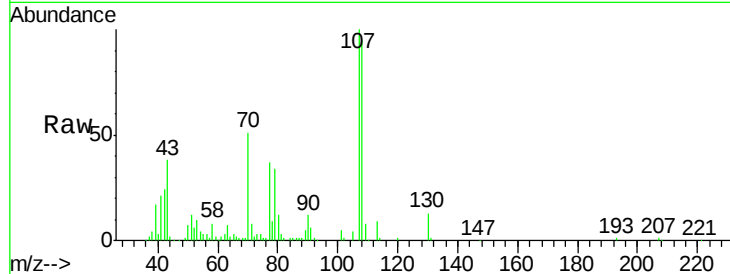
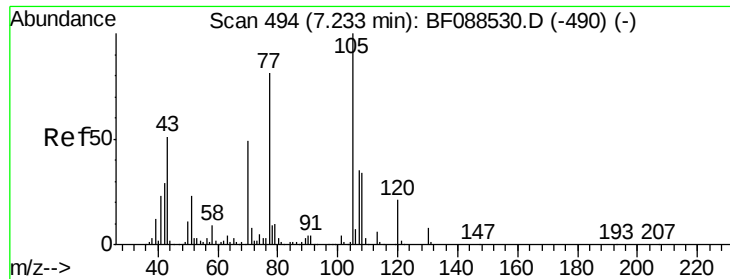
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





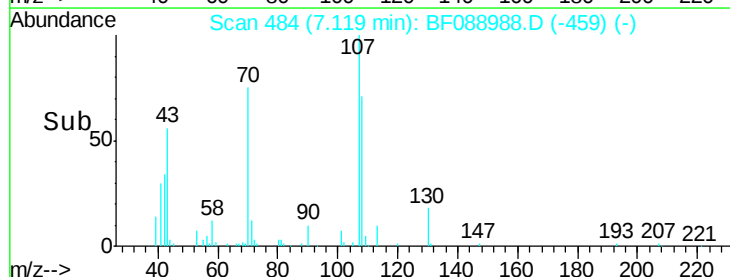
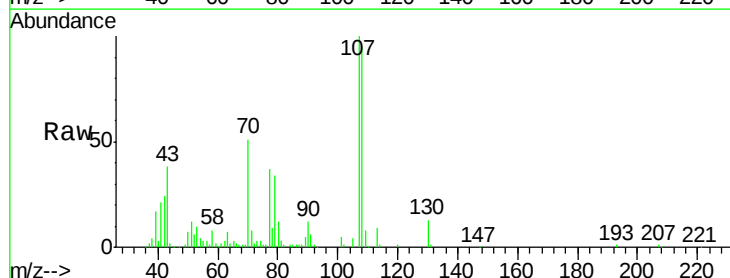
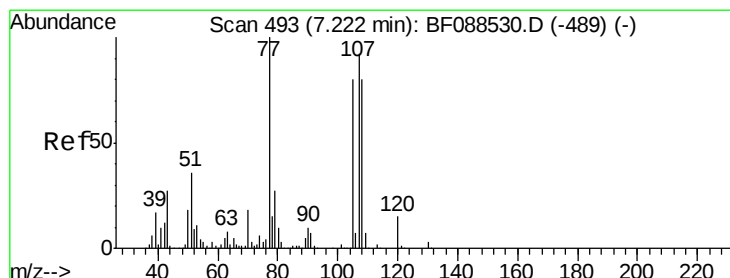
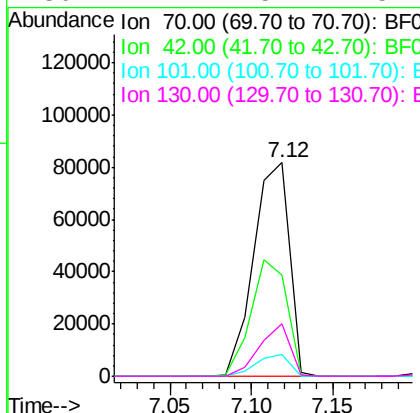
#19
n-Nitroso-di-n-propylamine
Concen: 38.20 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	70	Resp	123796
Ion Ratio	Lower	Upper	
70	100		
42	47.5	49.6	74.4#
101	10.4	7.1	10.7
130	24.4	15.4	23.2#

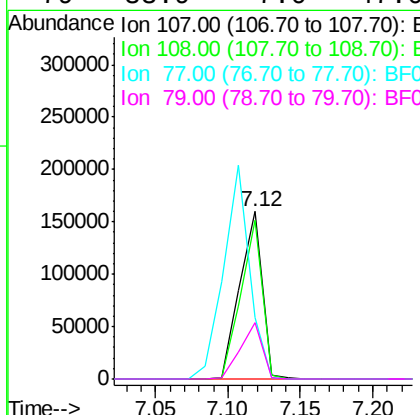
Manual Integrations

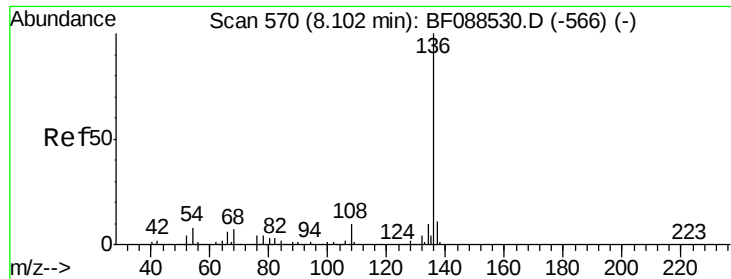
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#20
3+4-Methylphenols
Concen: 43.75 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	107	Resp	171868
Ion Ratio	Lower	Upper	
107	100		
108	95.0	67.8	107.8
77	36.6	59.3	99.3#
79	33.9	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

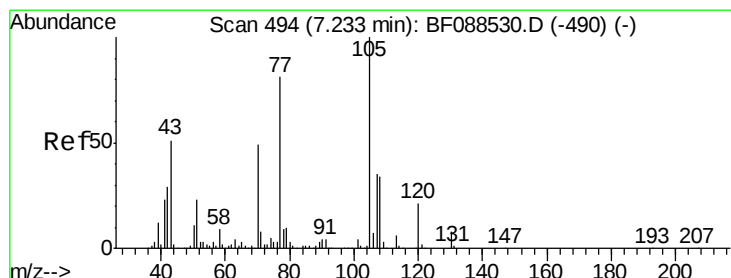
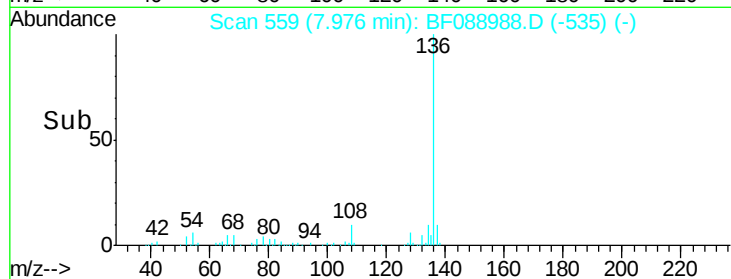
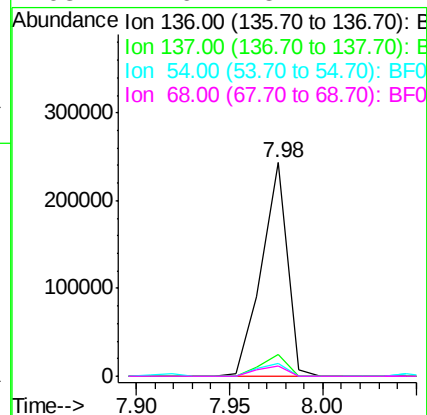
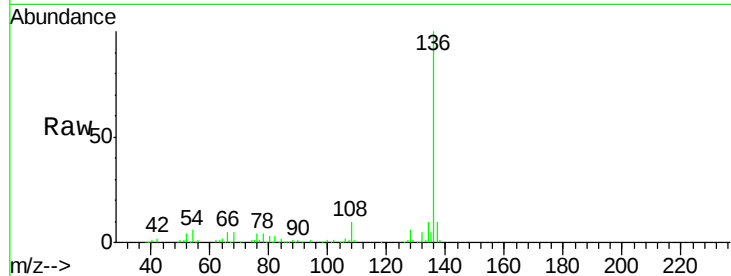
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	236198		
137	10.5	9.1	13.7	
54	6.1	6.6	10.0	
68	4.6	5.1	7.7	

Manual Integrations

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#22

Acetophenone

Concen: 43.73 ng

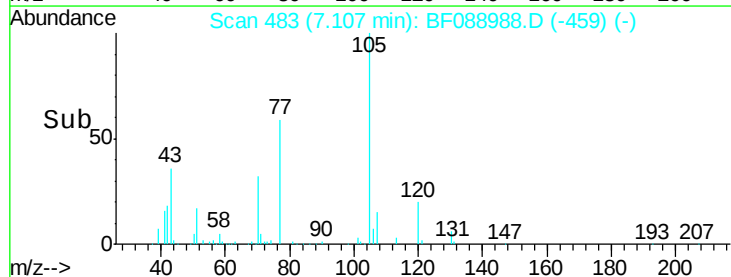
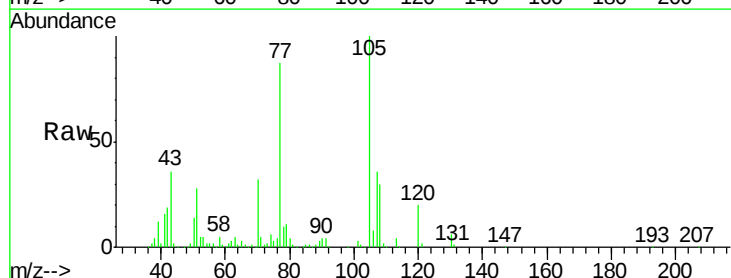
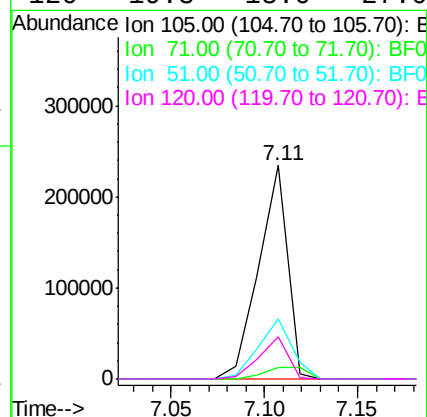
RT: 7.11 min Scan# 483

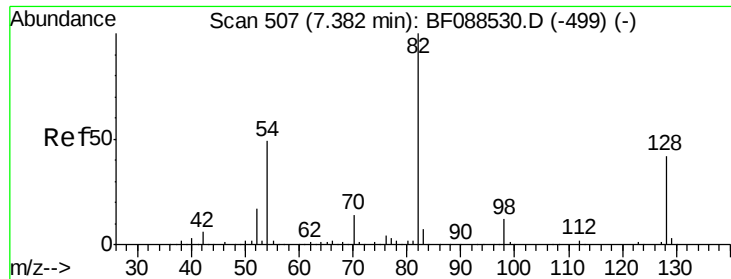
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250704		
71	5.4	5.3	7.9	
51	28.1	18.2	27.4	
120	19.8	18.0	27.0	





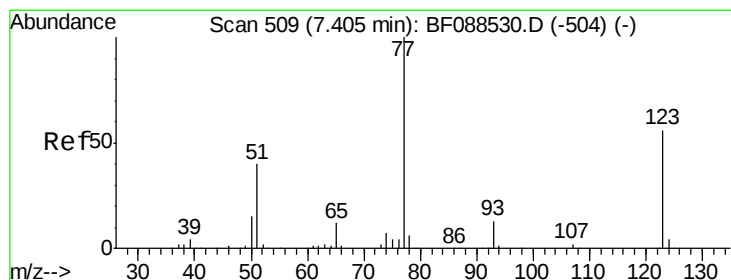
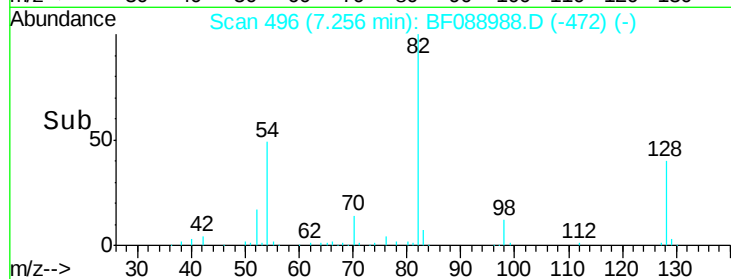
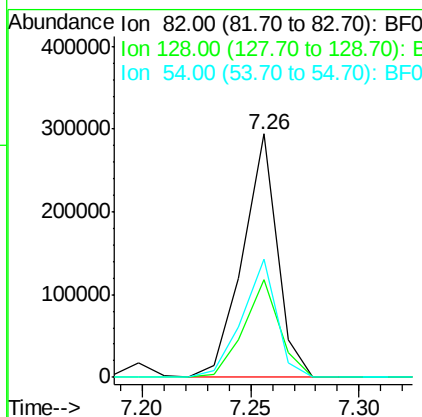
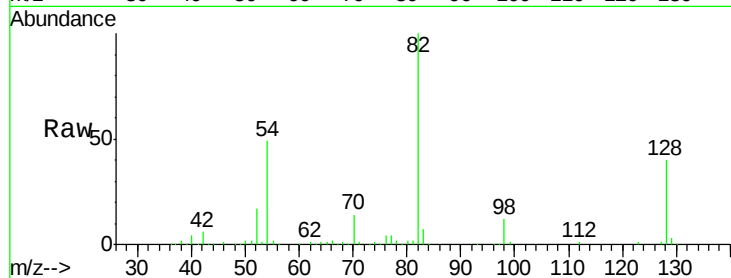
#23
 Nitrobenzene-d5
 Concen: 71.96 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	35.9	53.9
54	48.6	40.9	61.3

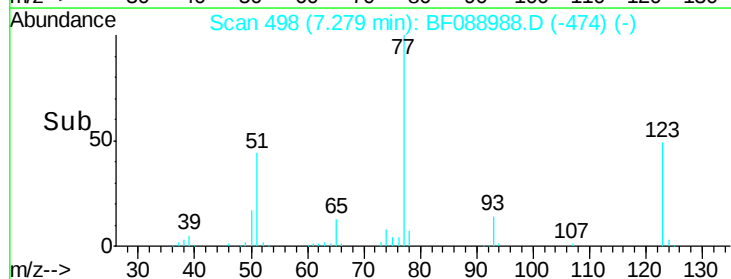
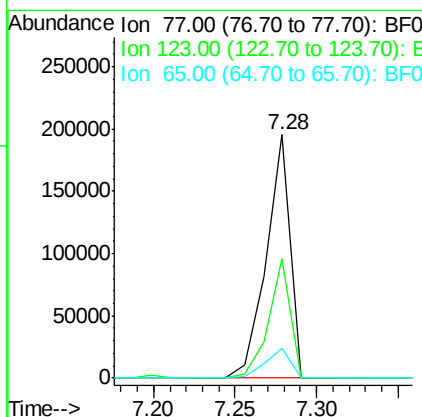
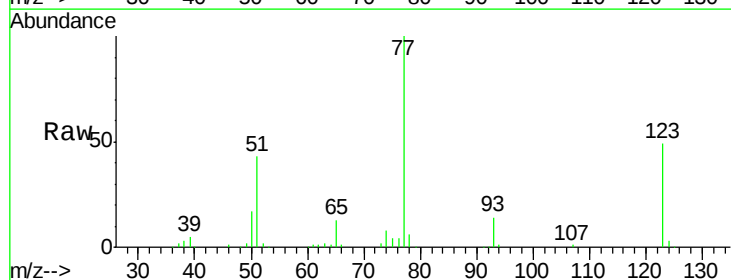
Manual Integrations

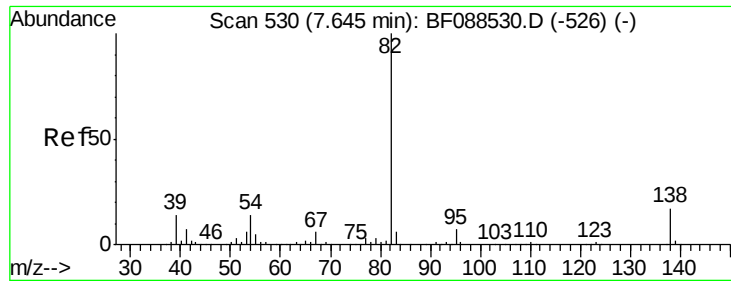
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#24
 Nitrobenzene
 Concen: 43.48 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	45.0	67.4
65	12.5	10.2	15.2





#25

Isophorone

Concen: 36.89 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

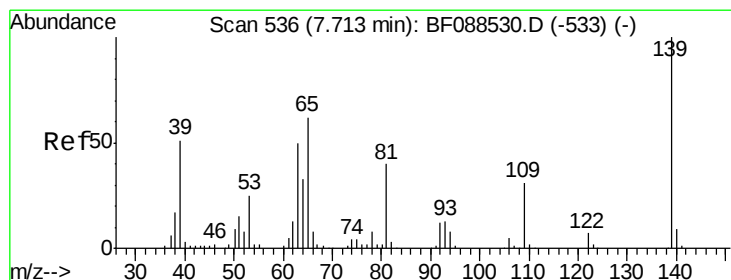
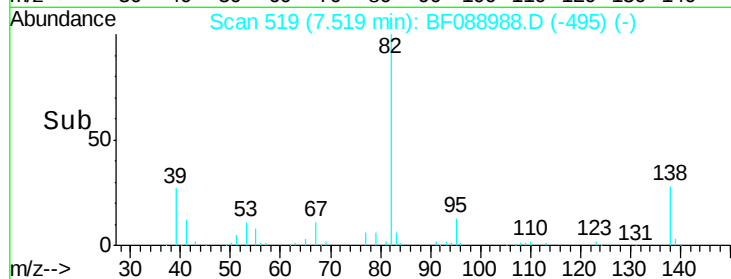
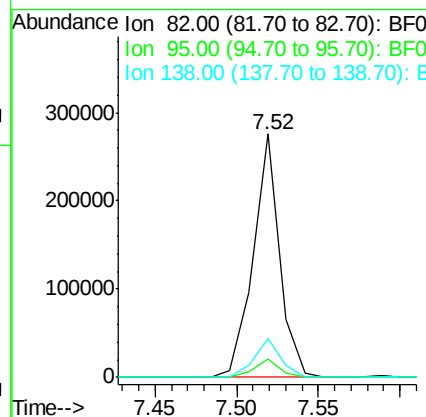
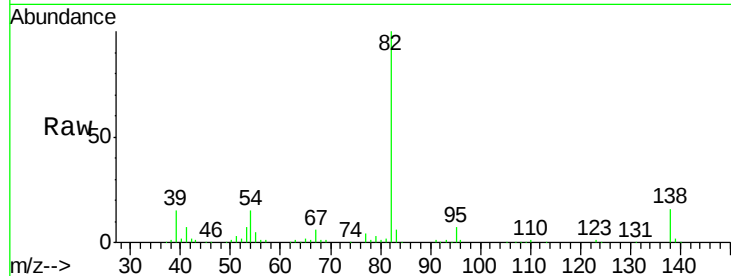
SSTDCCC040EC

Tot Ion:	82	Resp:	308012
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.4	8.2
138	16.1	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.28 ng

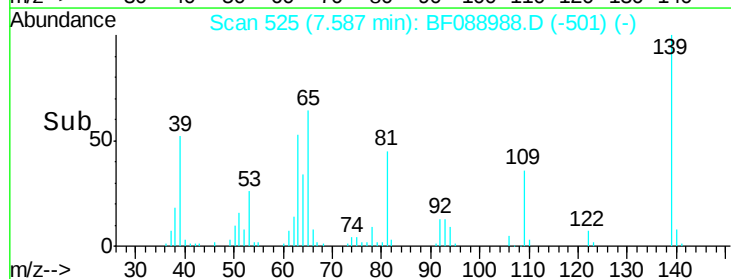
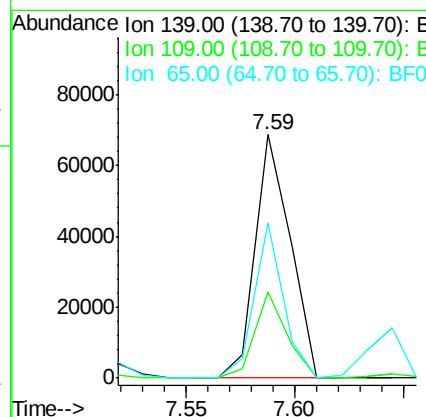
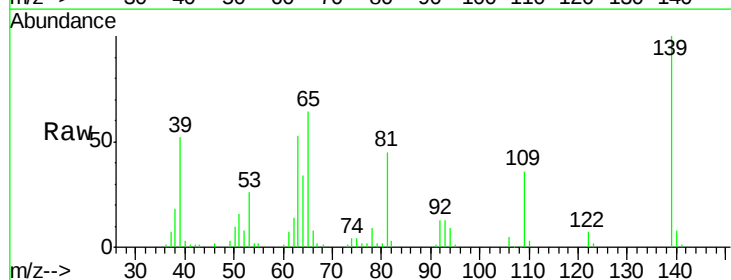
RT: 7.59 min Scan# 525

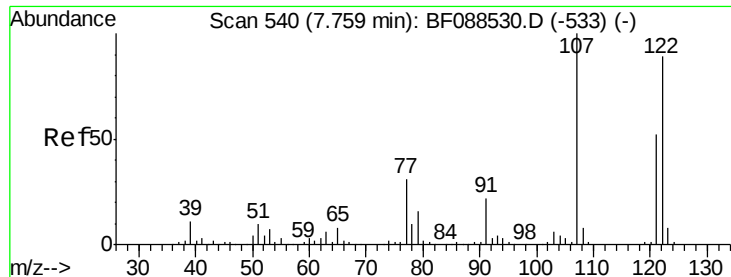
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	139	Resp:	76930
Ion Ratio		Lower	Upper
139	100		
109	35.7	23.0	34.4#
65	63.6	45.8	68.8





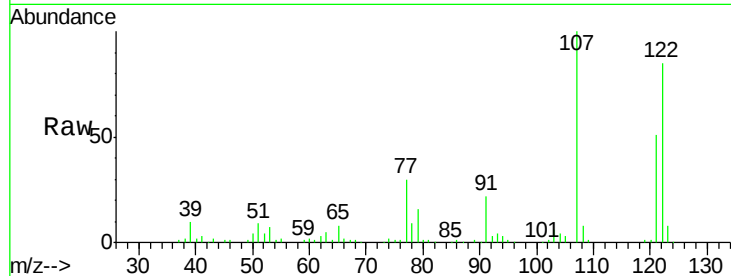
#27
2,4-Dimethylphenol
Concen: 39.24 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	82.4	123.6
121	60.5	46.3	69.5

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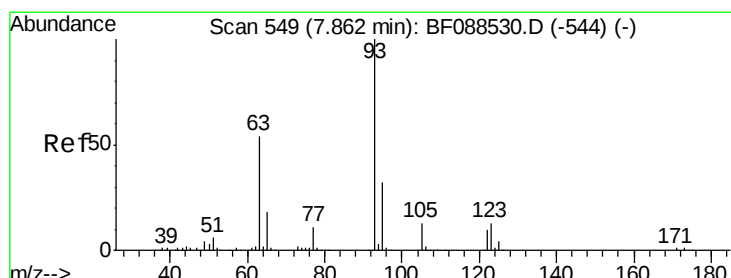
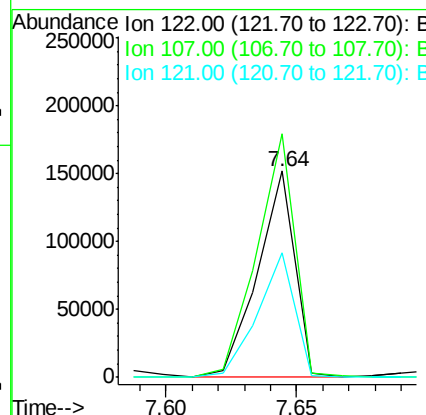
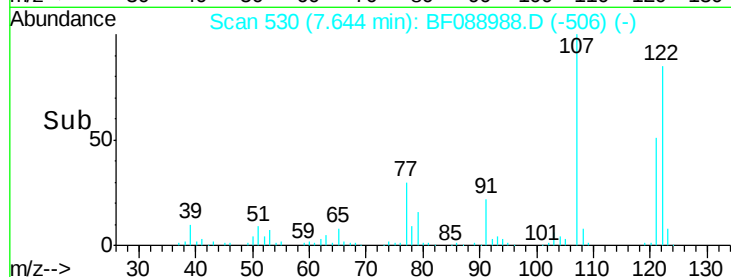


Abundance

Ion 122.00 (121.70 to 122.70): E

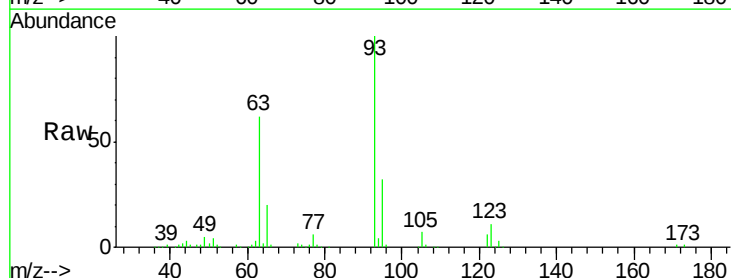
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.33 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	10.9	11.6	17.4

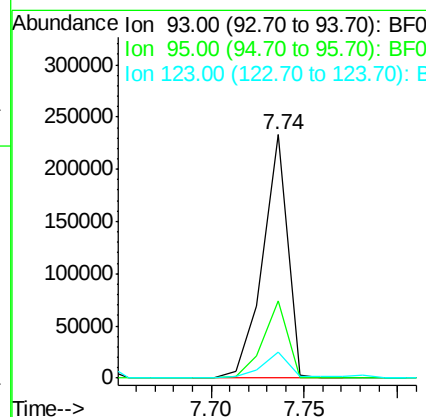
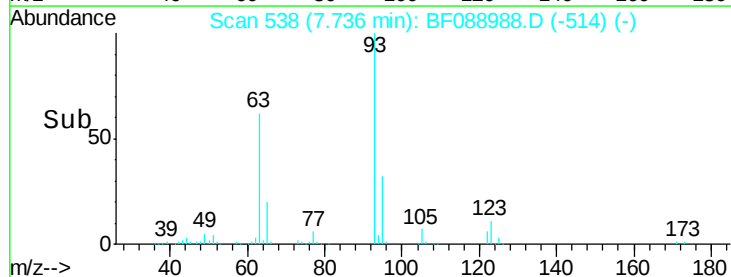


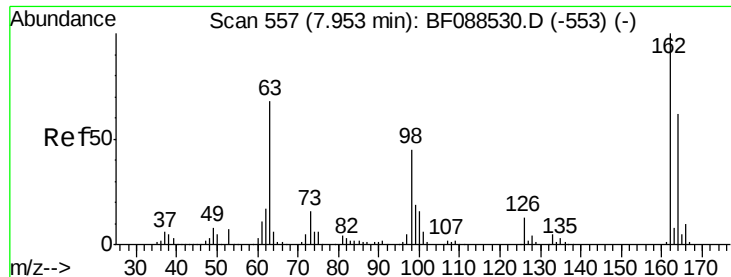
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





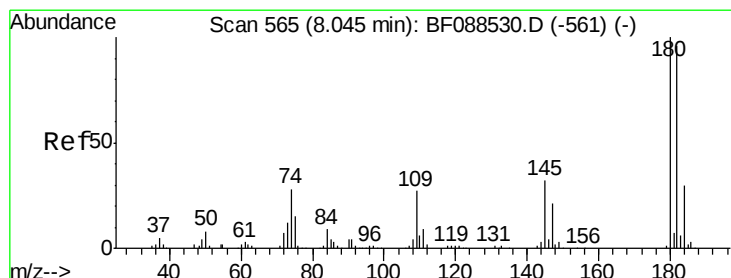
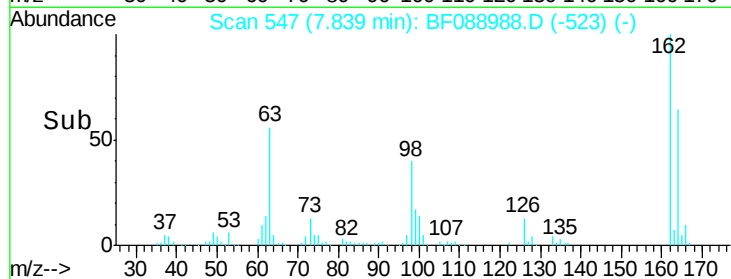
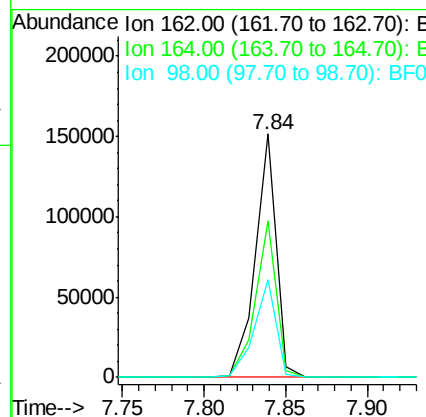
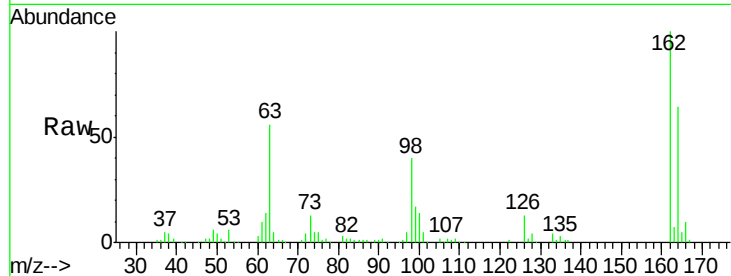
#29
2,4-Dichlorophenol
Concen: 43.10 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	40.3	21.3	61.3

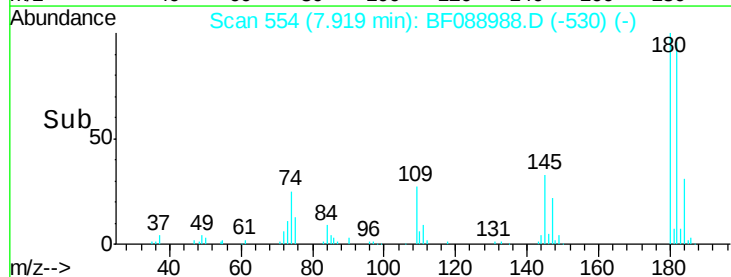
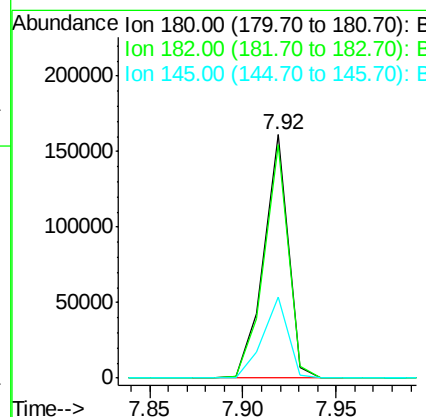
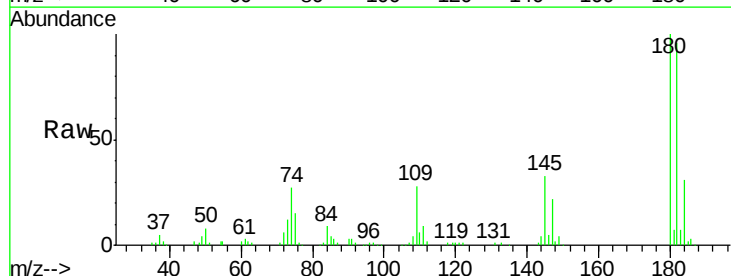
Manual Integrations

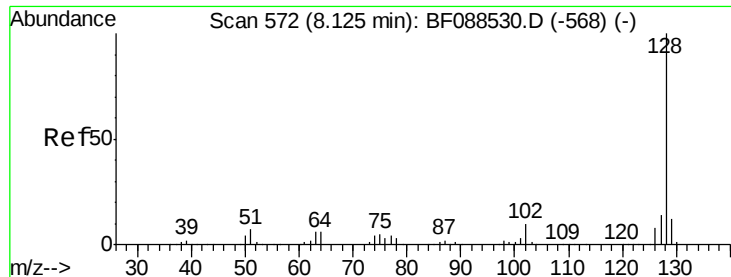
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#30
1,2,4-Trichlorobenzene
Concen: 42.40 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	33.3	26.5	39.7





#31

Naphthalene

Concen: 43.74 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

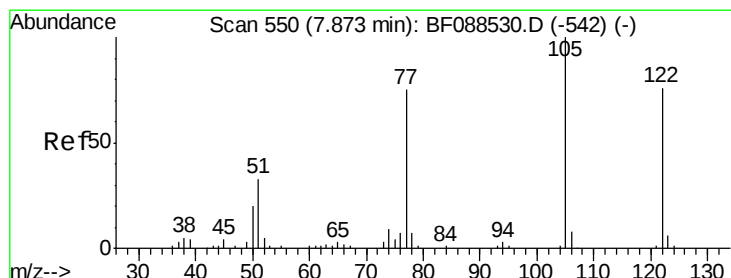
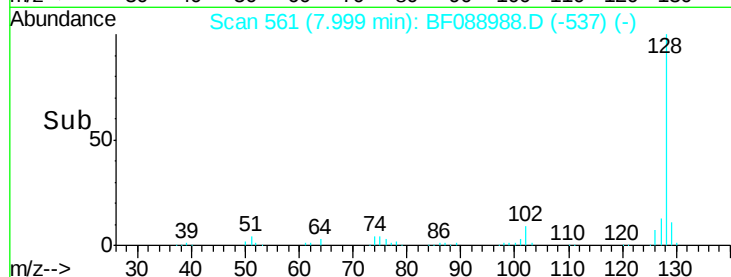
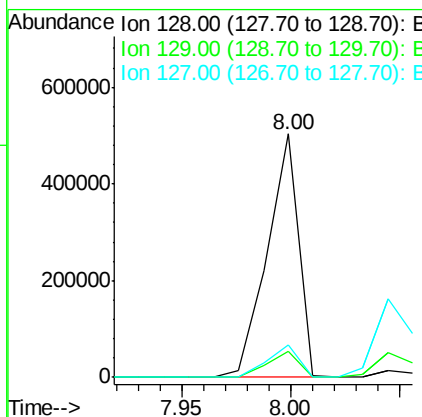
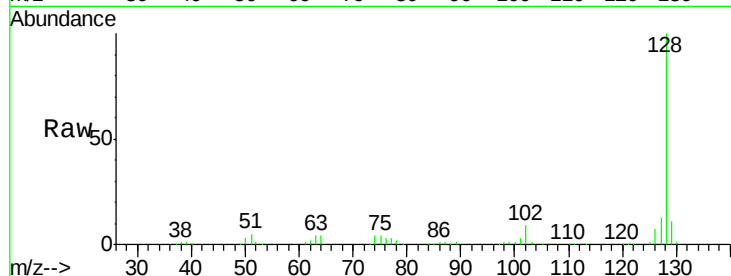
SSTDCCC040EC

Tot Ion:	128	Resp:	509344
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.4	14.2
127	13.3	10.9	16.3

Manual Integrations

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#32

Benzoic acid

Concen: 37.10 ng

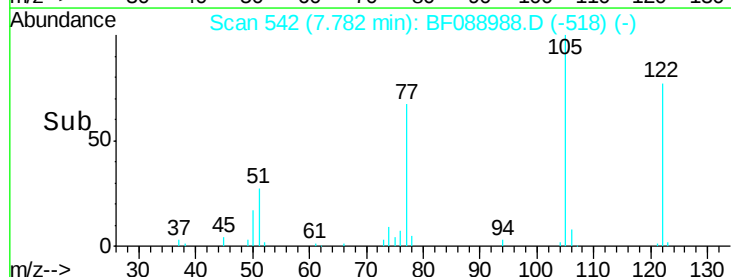
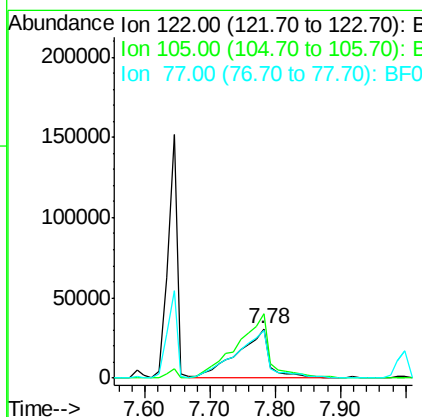
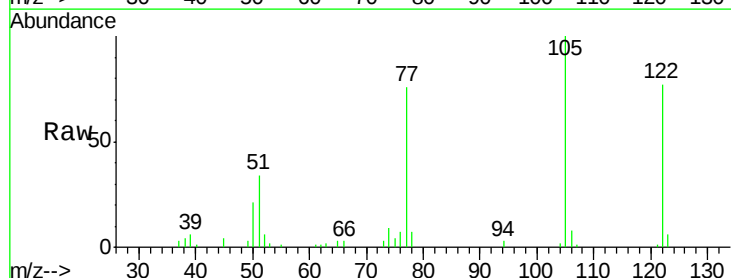
RT: 7.78 min Scan# 542

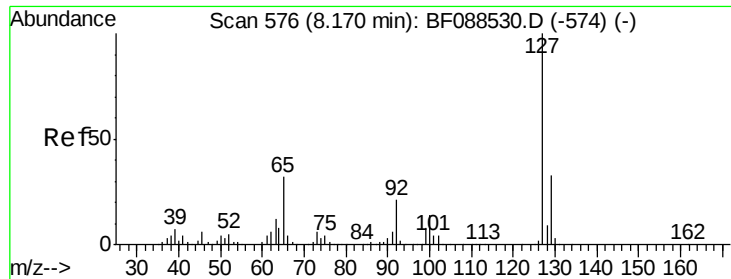
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	122	Resp:	104536
Ion Ratio	Lower	Upper	
122	100		
105	129.8	101.6	141.6
77	98.2	70.6	110.6





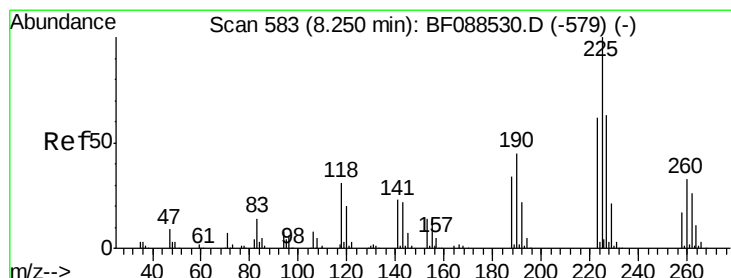
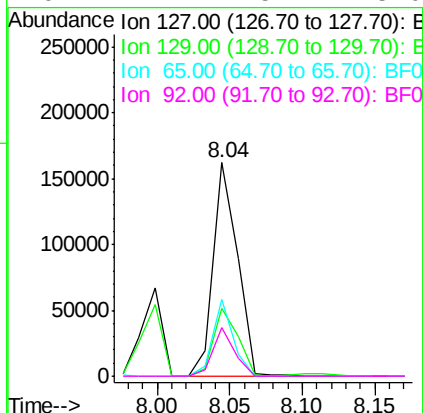
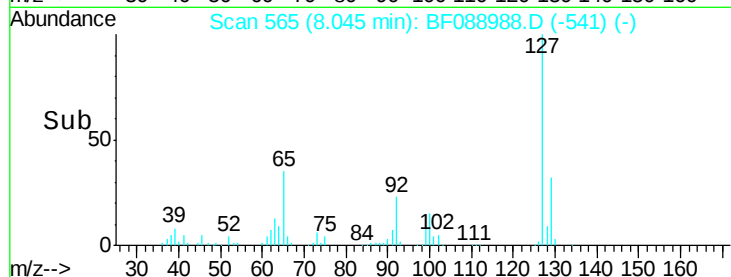
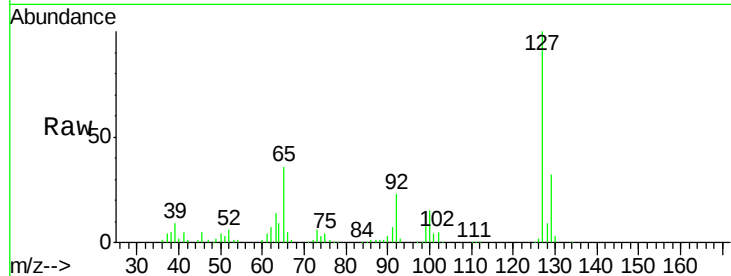
#33
4-Chloroaniline
Concen: 36.42 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.3	39.5		
65	35.7	24.7	37.1		
92	22.7	15.4	23.0		

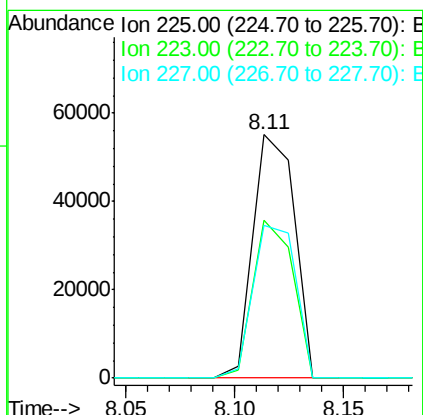
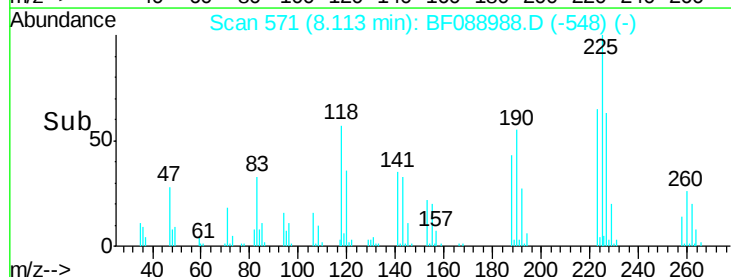
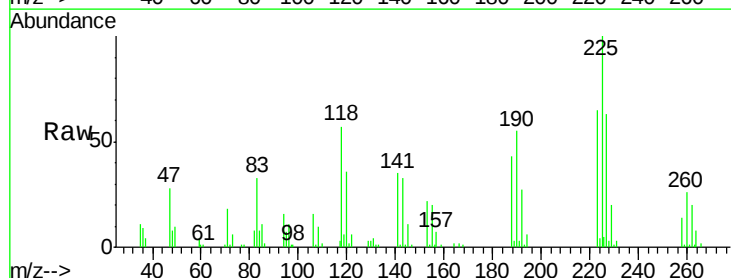
Manual Integrations

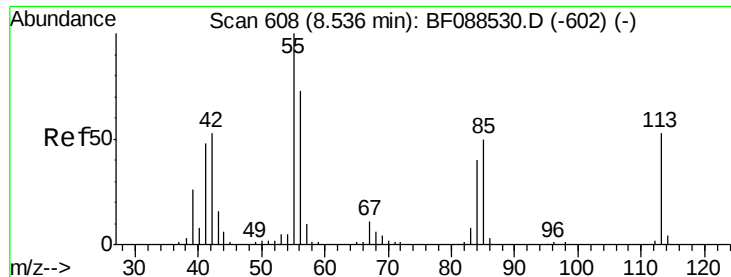
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#34
Hexachlorobutadiene
Concen: 39.88 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	50.9	76.3		
227	62.5	51.9	77.9		





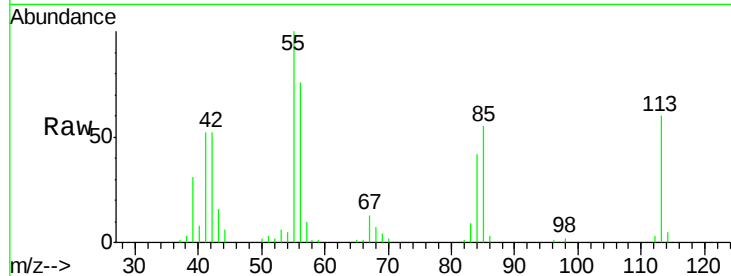
#35
Caprolactam
Concen: 37.95 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

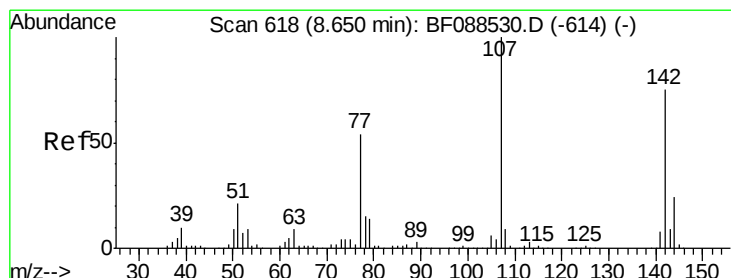
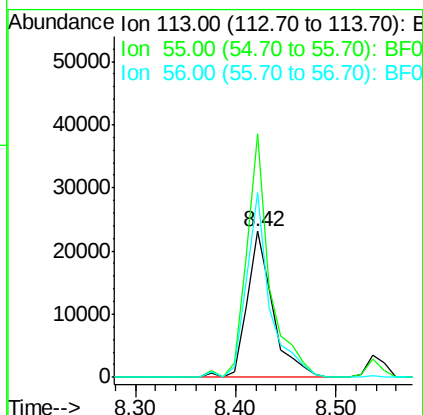
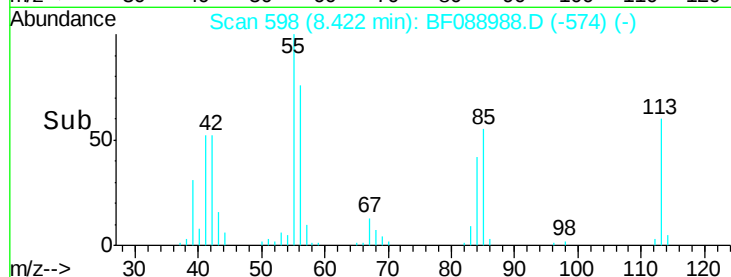
Tot Ion:113 Resp: 40427
Ion Ratio Lower Upper
113 100
55 167.0 158.6 198.6
56 126.4 110.6 150.6

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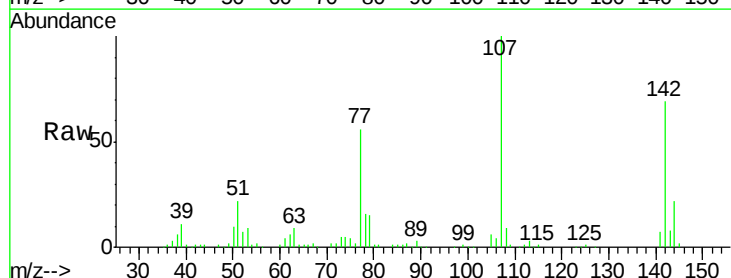


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

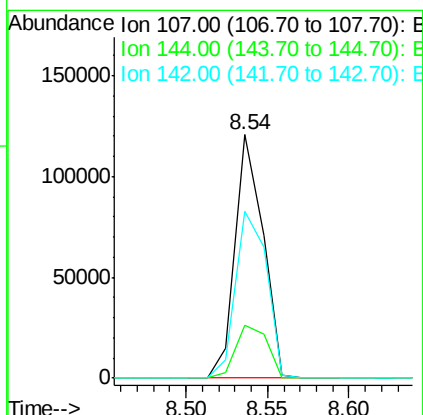
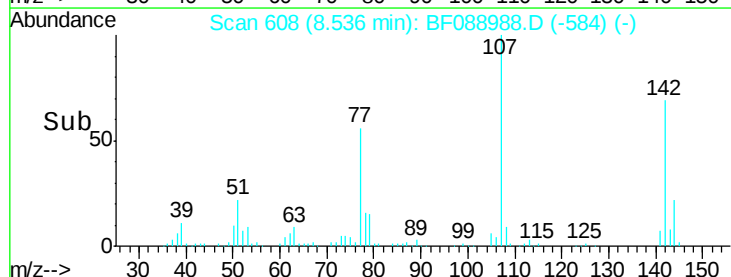


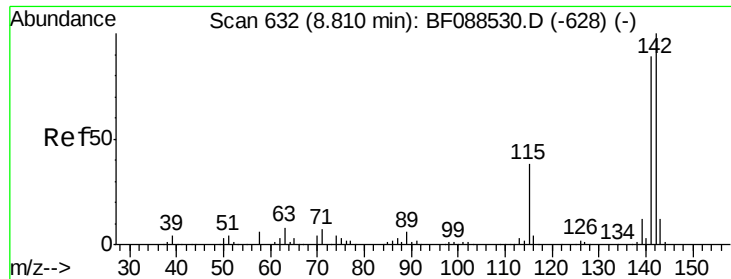
#36
4-Chloro-3-methylphenol
Concen: 38.41 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:107 Resp: 142491
Ion Ratio Lower Upper
107 100
144 21.9 20.8 31.2
142 68.7 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





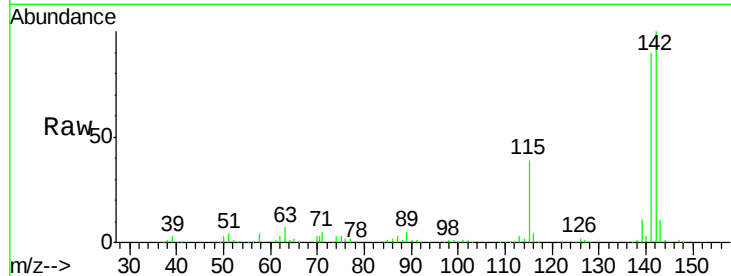
#37
2-Methylnaphthalene
Concen: 40.85 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

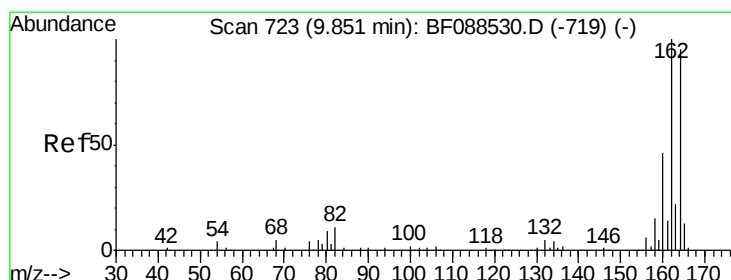
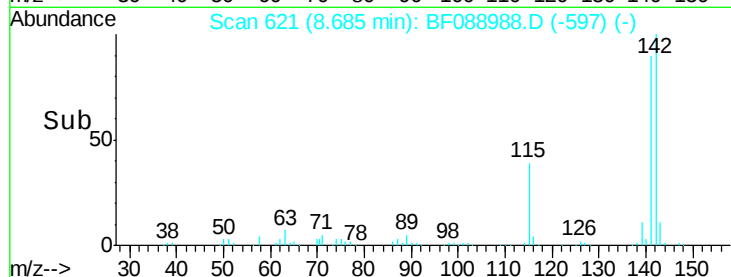
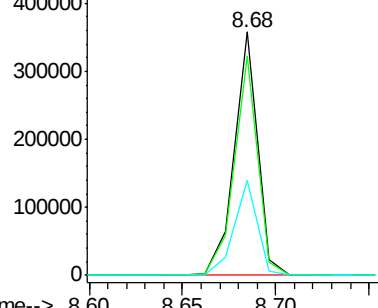
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	38.8	22.6	33.8

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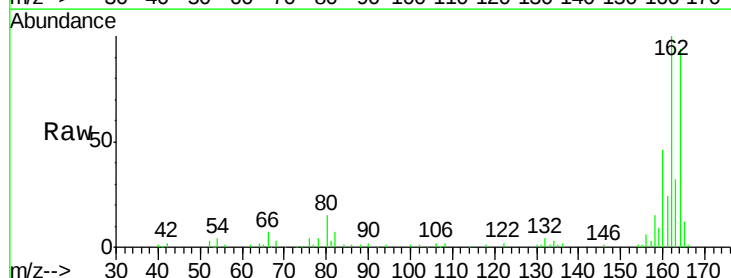


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

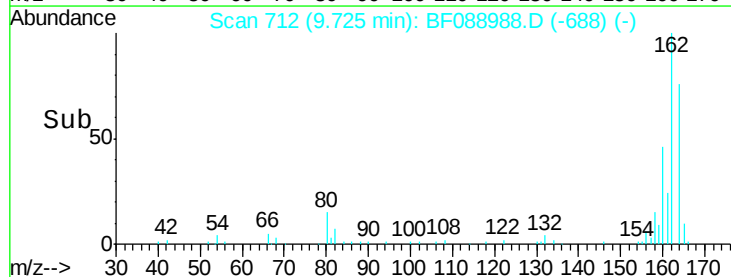
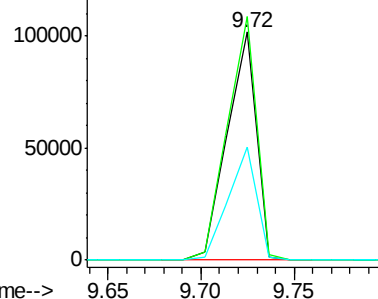


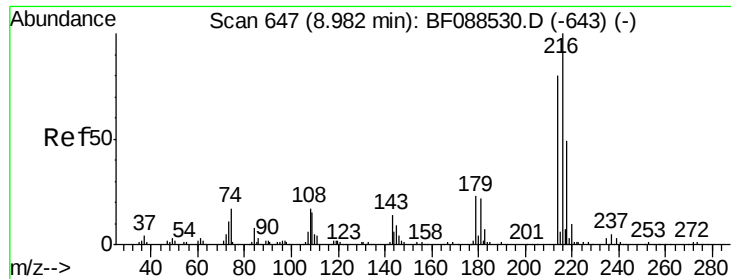
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.4	128.2
160	49.4	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





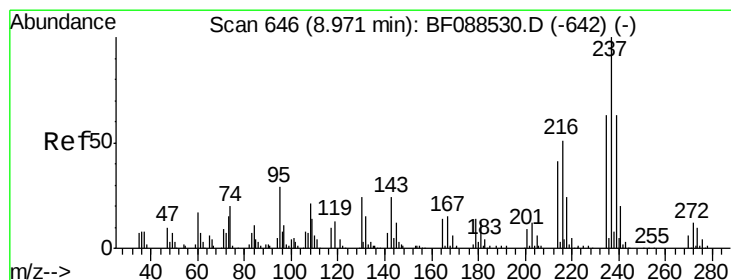
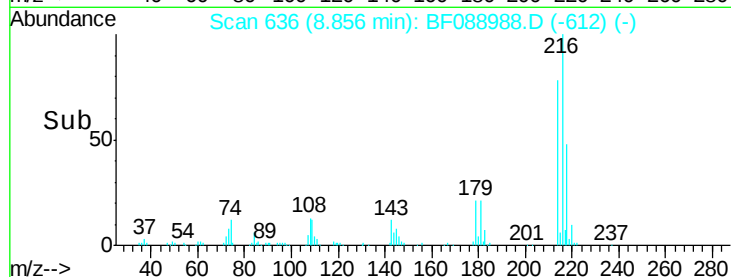
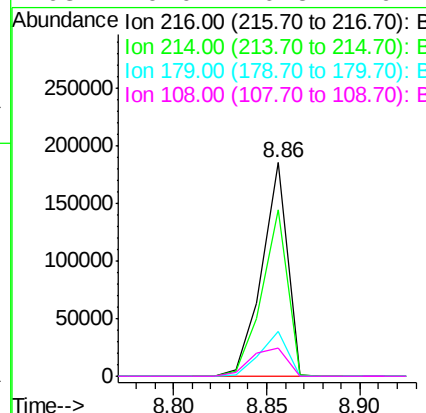
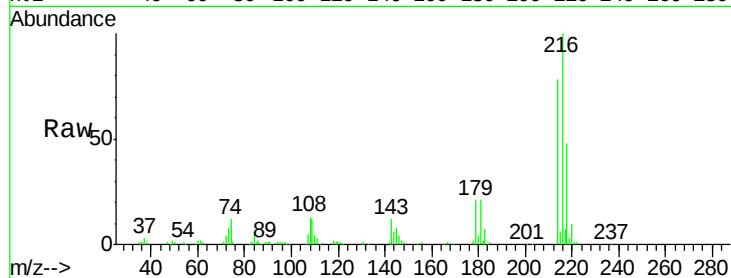
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.00 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		174460		
214	78.3	2.9	4.3#		
179	22.7	0.0	0.0#		
108	19.0	0.5	0.7#		

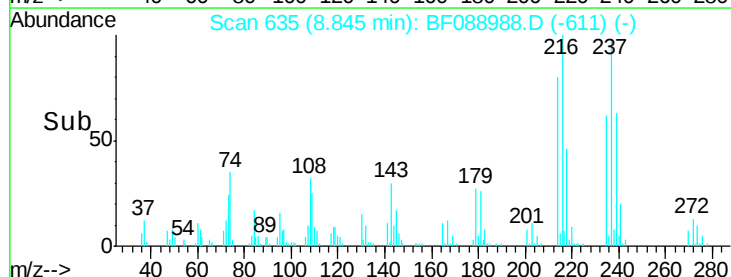
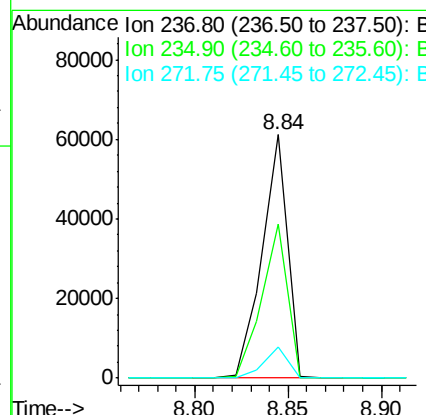
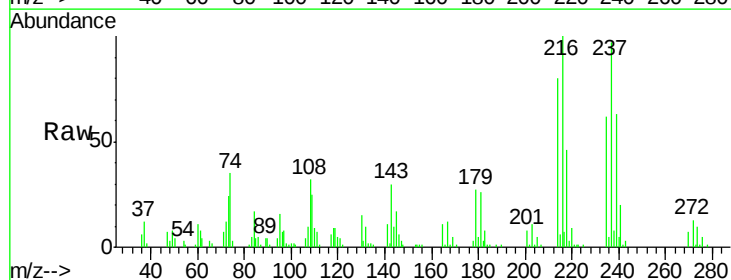
Manual Integrations

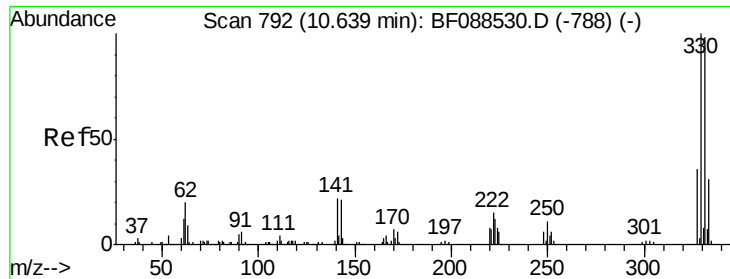
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#40
 Hexachlorocyclopentadiene
 Concen: 32.15 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		57345		
235	63.3	43.4	83.4		
272	12.9	0.0	32.3		





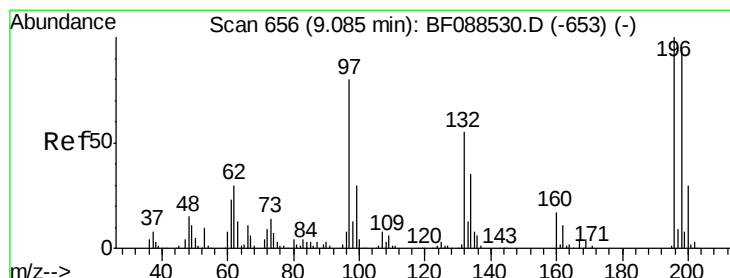
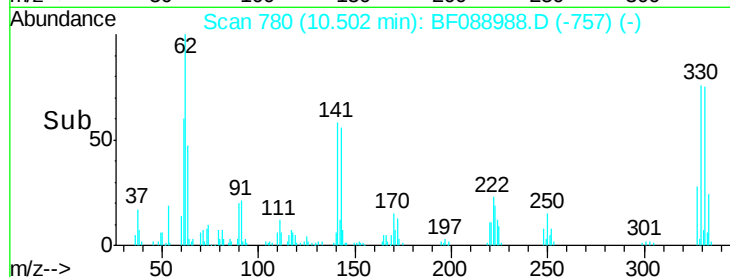
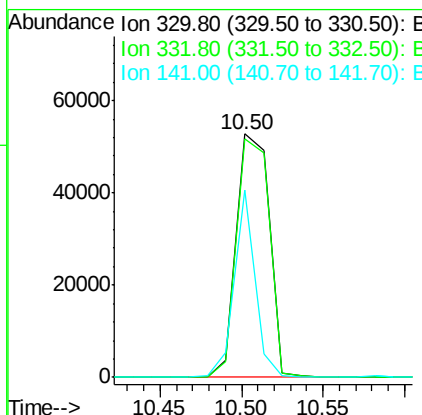
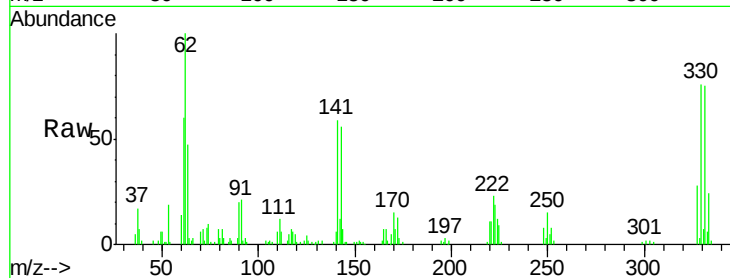
#41
 2,4,6-Tribromophenol
 Concen: 72.30 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	48.4	0.0	0.0#

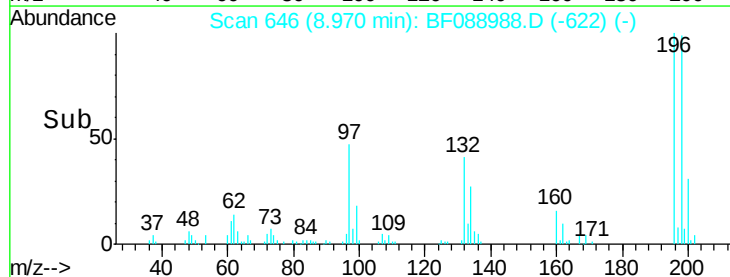
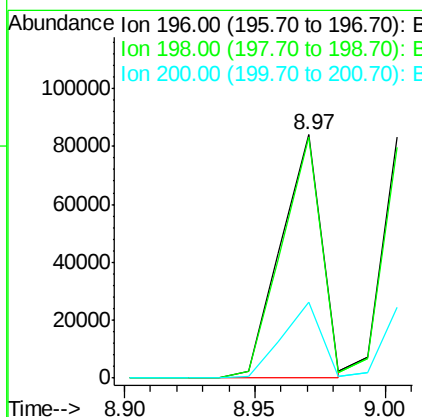
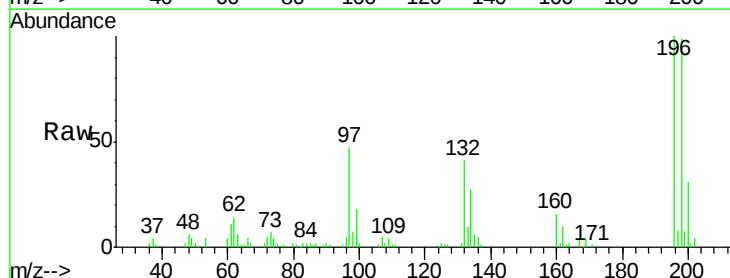
Manual Integrations

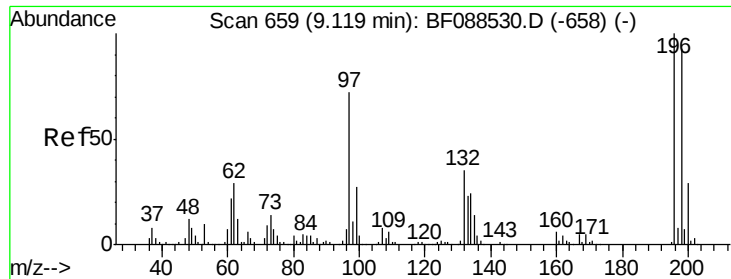
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#42
 2,4,6-Trichlorophenol
 Concen: 37.73 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	78.0	117.0
200	31.0	25.4	38.2





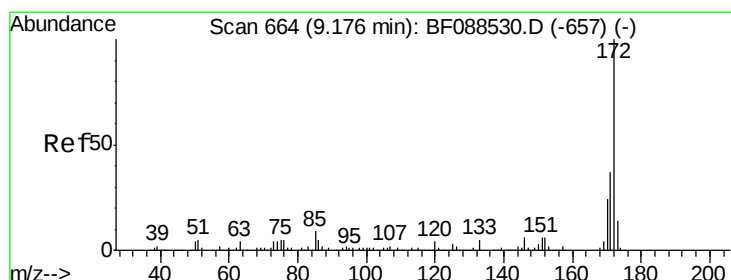
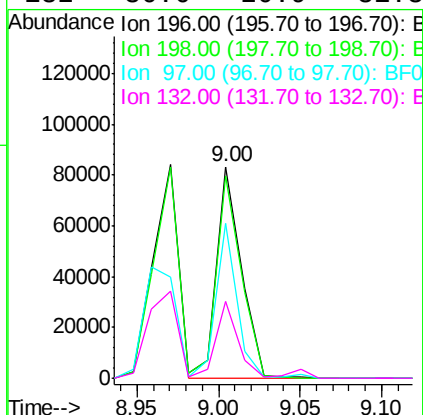
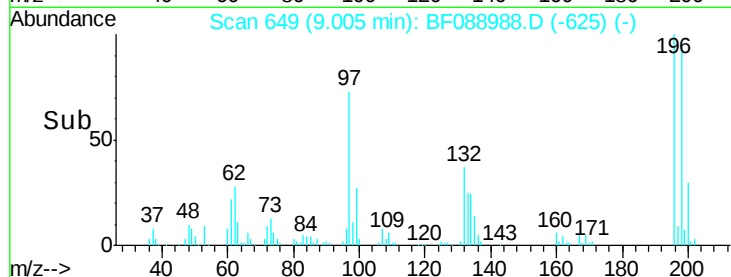
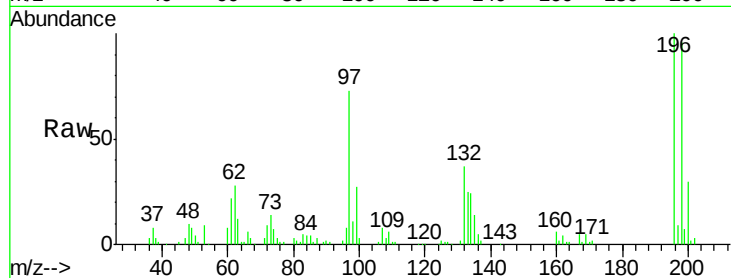
#43
 2,4,5-Trichlorophenol
 Concen: 42.47 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	87547
Ion Ratio	Lower	Upper	
196	100		
198	95.6	77.5	116.3
97	73.2	32.0	48.0#
132	36.6	20.9	31.3#

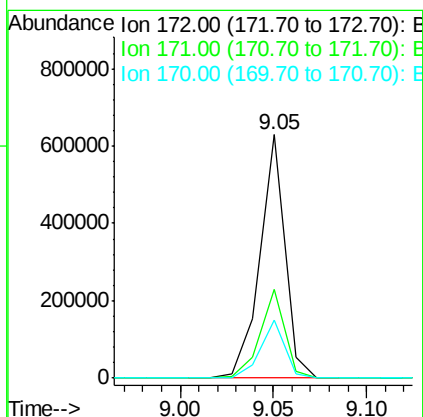
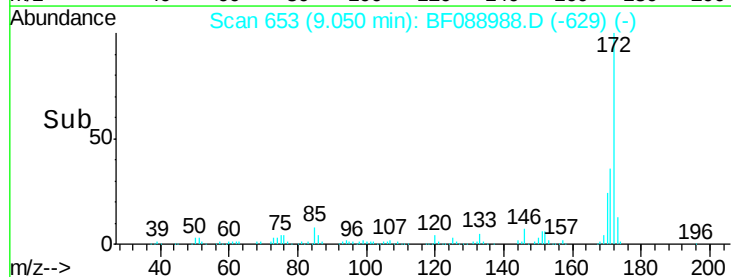
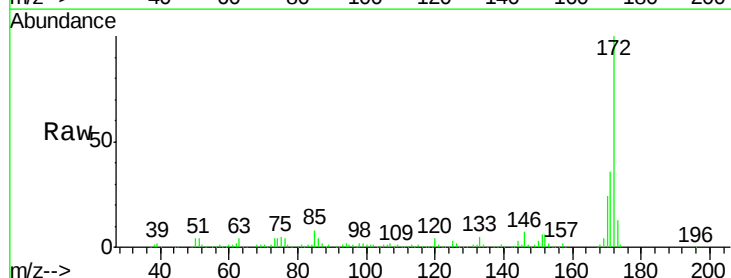
Manual Integrations

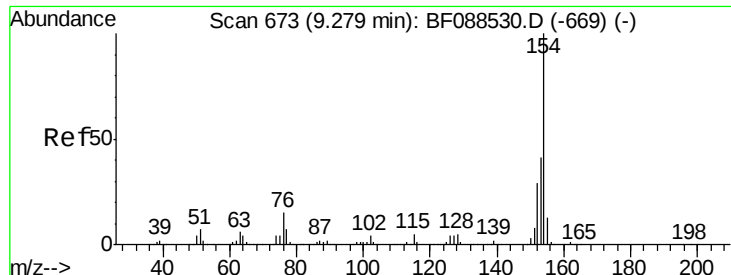
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#44
 2-Fluorobiphenyl
 Concen: 83.96 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion:	172	Resp:	580789
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	23.7	19.2	28.8





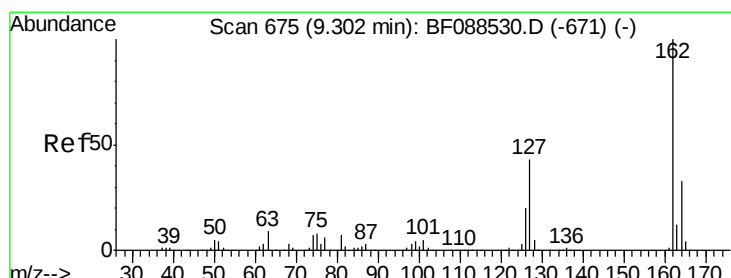
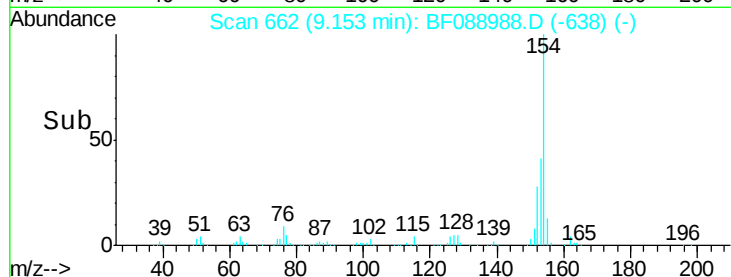
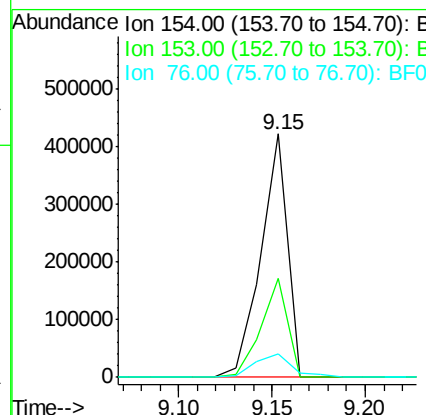
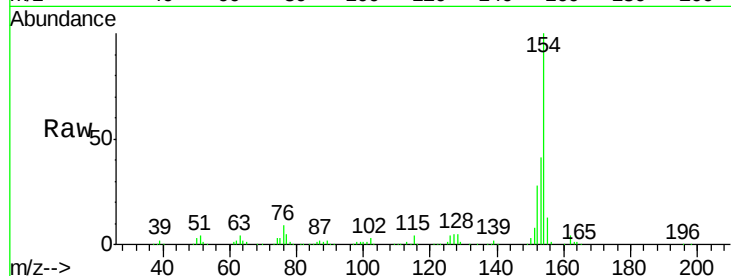
#45
1,1'-Biphenyl
Concen: 45.42 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	9.5	0.0	35.1

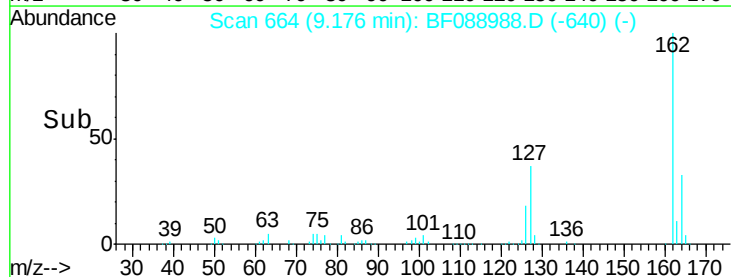
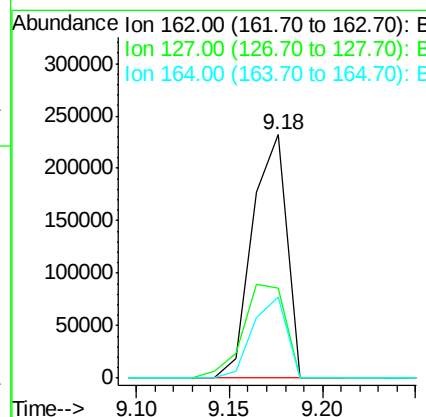
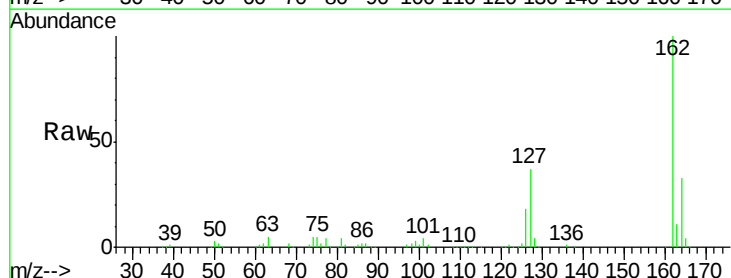
Manual Integrations

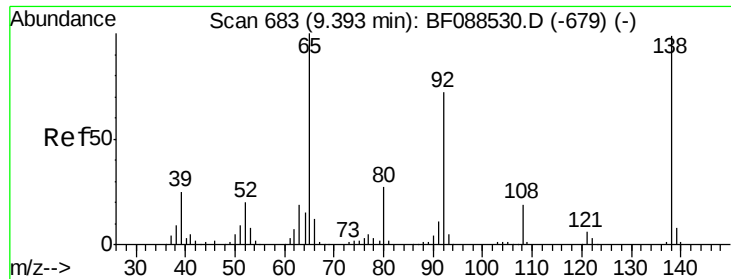
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#46
2-Chloronaphthalene
Concen: 41.37 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	35.2	52.8
164	33.1	26.6	39.8





#47
 2-Nitroaniline
 Concen: 37.67 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

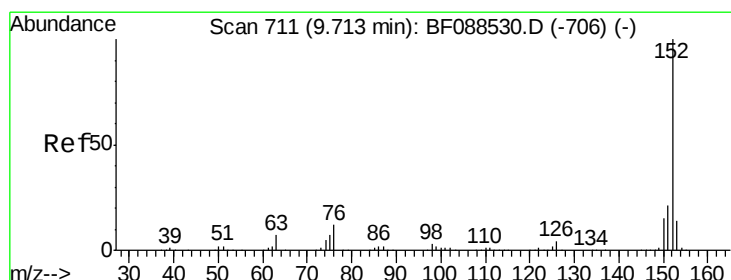
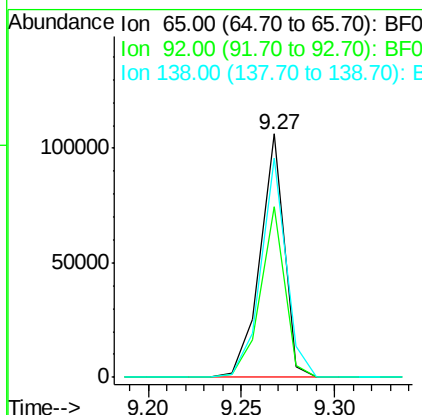
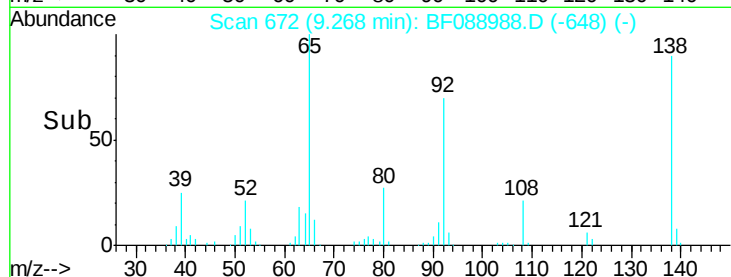
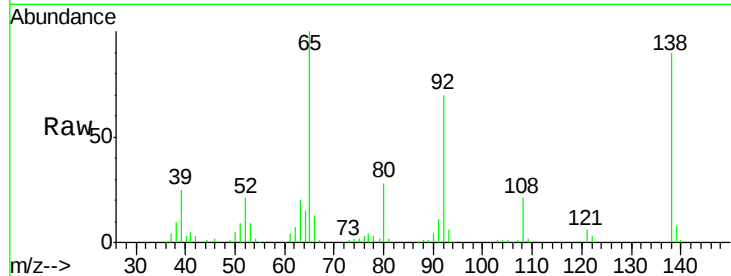
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 65 Resp: 94963

Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.6	82.0
138	89.9	77.0	115.4

Manual Integrations

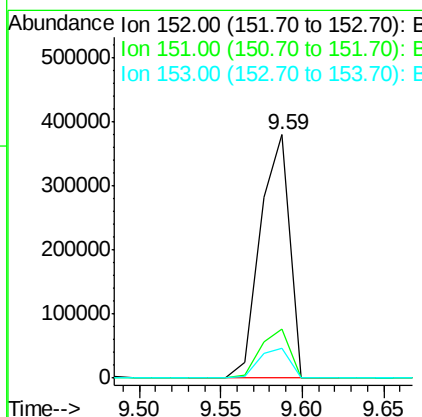
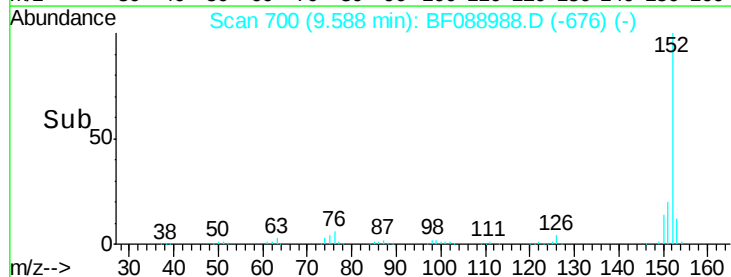
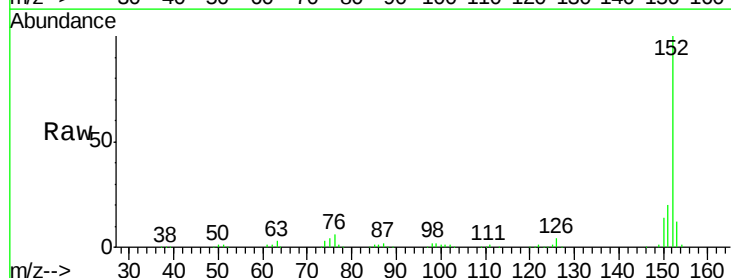
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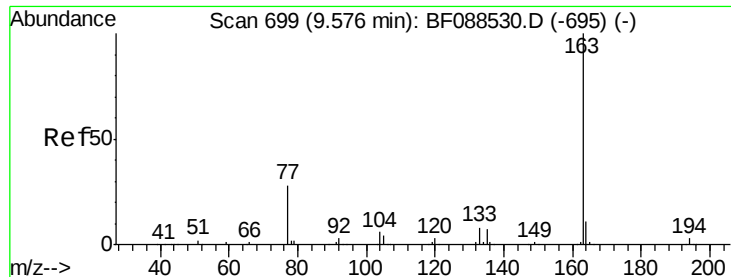


#48
 Acenaphthylene
 Concen: 41.84 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion: 152 Resp: 472906

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	12.4	11.0	16.6





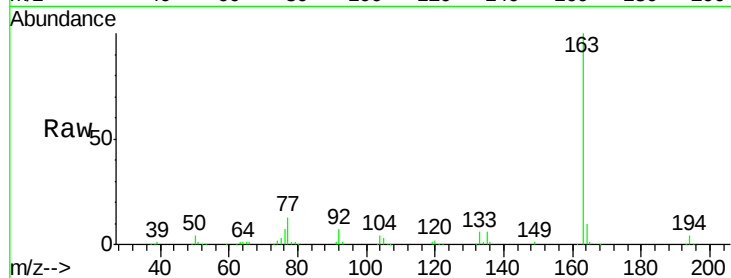
#49
Dimethylphthalate
Concen: 42.45 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

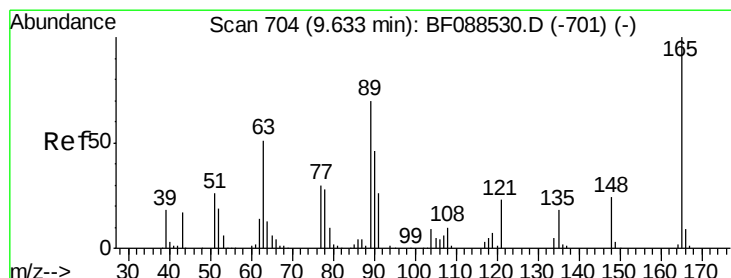
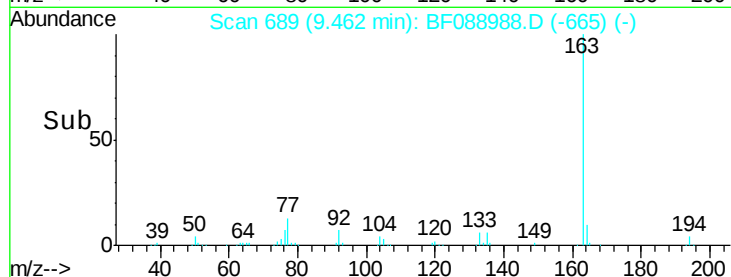
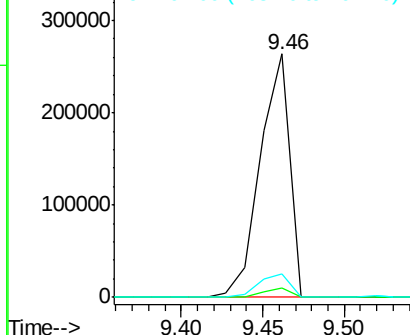
Tot Ion	Ratio	Resp	Lower	Upper
163	100	330492		
194	4.0		2.8	4.2
164	9.6		8.3	12.5

Manual Integrations

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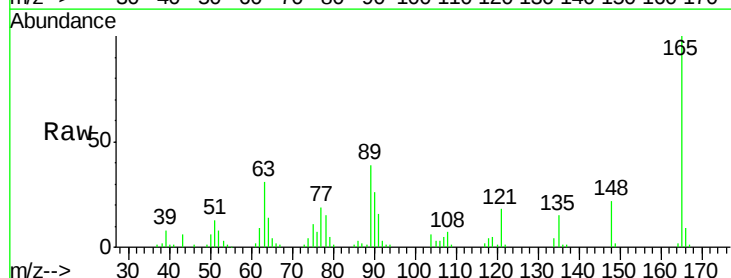


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

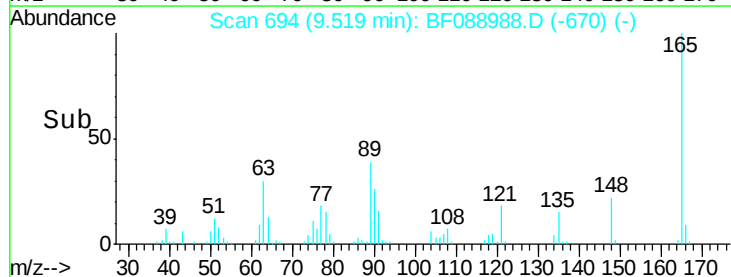
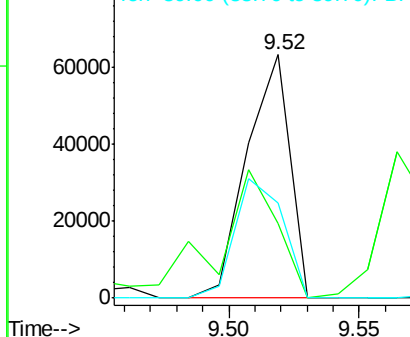


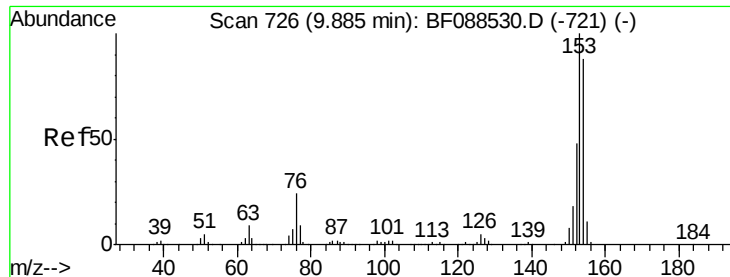
#50
2,6-Dinitrotoluene
Concen: 42.61 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	73510		
63	30.8		28.1	42.1
89	39.0		32.2	48.2



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





#51

Acenaphthene

Concen: 44.19 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

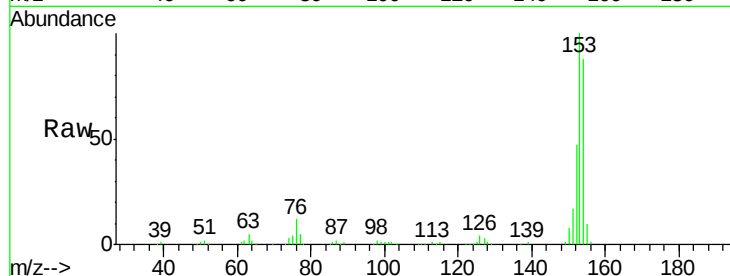
SSTDCCC040EC

Tot Ion:	154	Resp:	306134
Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.5	134.3
152	53.5	42.7	64.1

Manual Integrations

Sohil

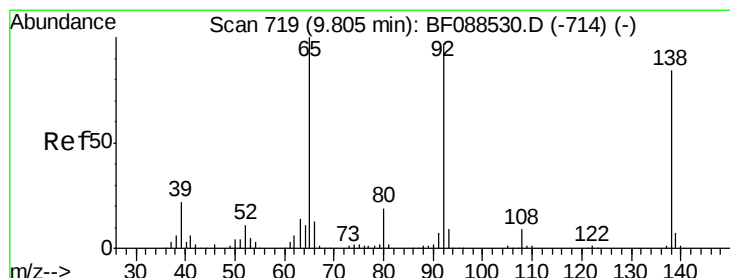
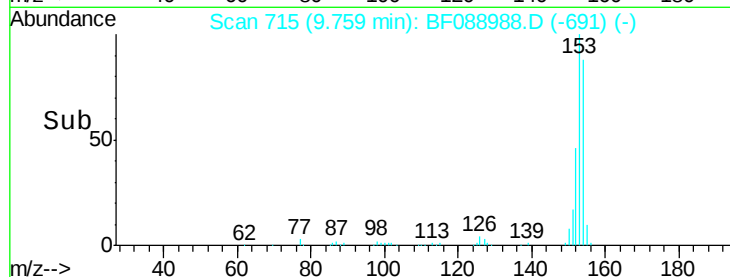
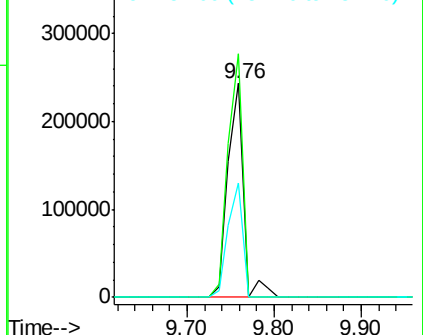
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.96 ng

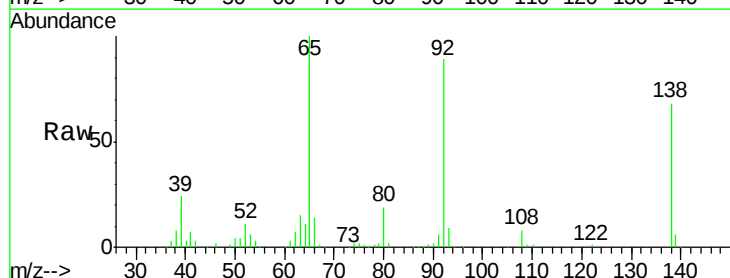
RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

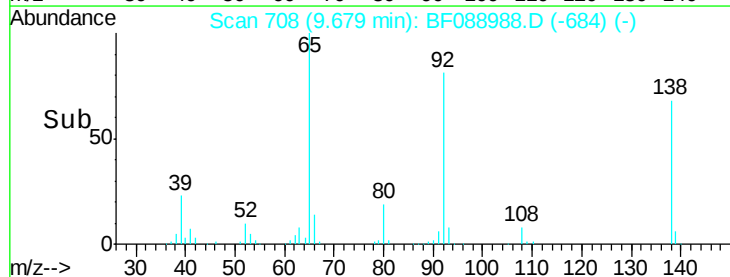
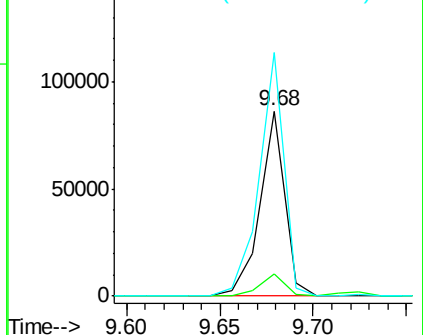
Tgt Ion:	138	Resp:	78870
Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.5	12.7
92	131.7	95.7	143.5

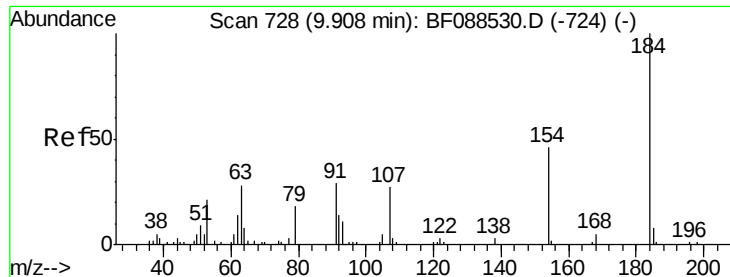


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





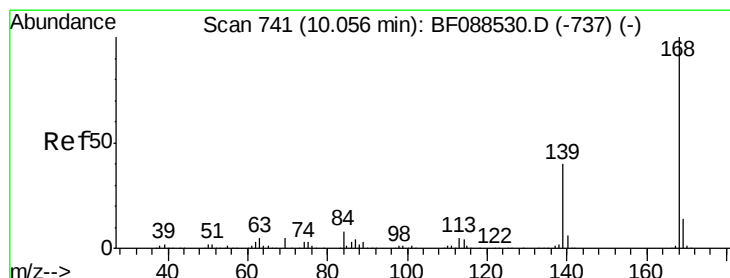
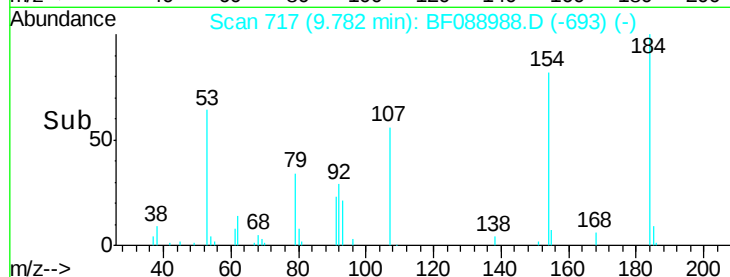
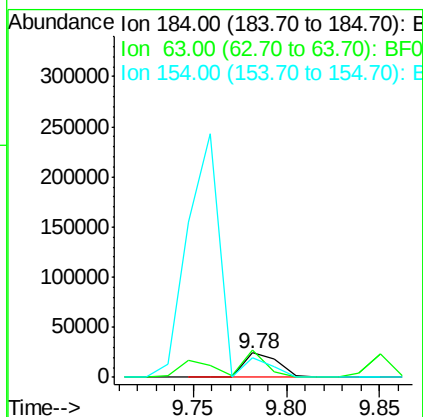
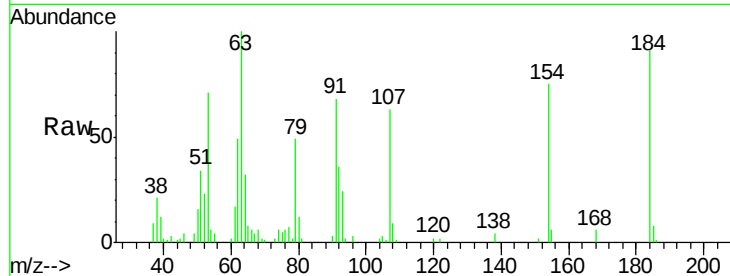
#53
2,4-Dinitrophenol
Concen: 40.98 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 31215
Ion Ratio Lower Upper
184 100
63 109.5 57.6 86.4#
154 81.8 53.5 80.3#

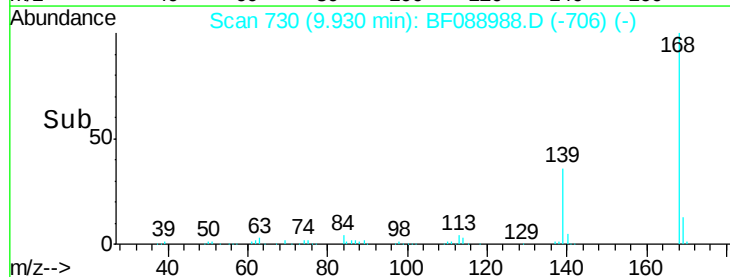
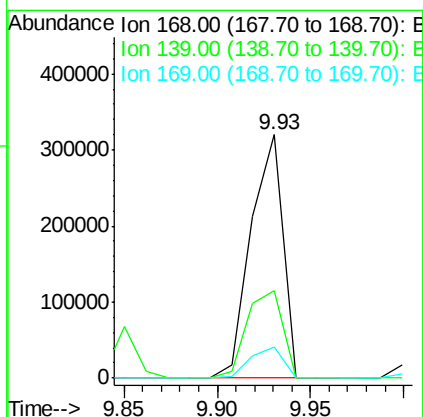
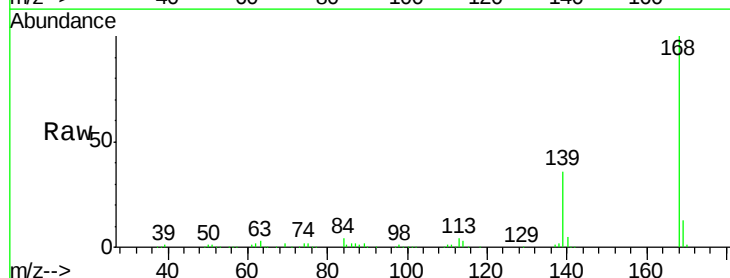
Manual Integrations

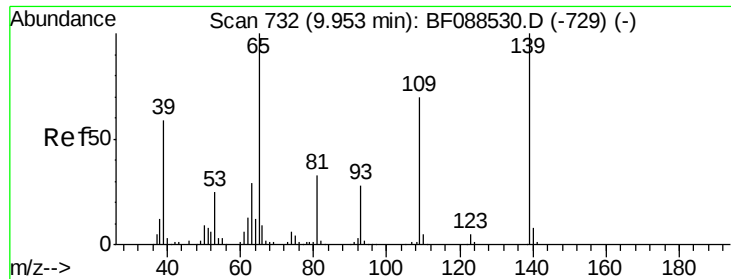
APPROVED
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#54
Dibenzofuran
Concen: 41.67 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion:168 Resp: 377853
Ion Ratio Lower Upper
168 100
139 36.1 26.4 39.6
169 12.7 10.4 15.6





#55

4-Nitrophenol

Concen: 35.19 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

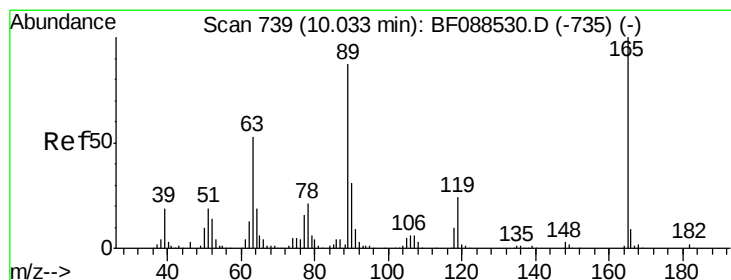
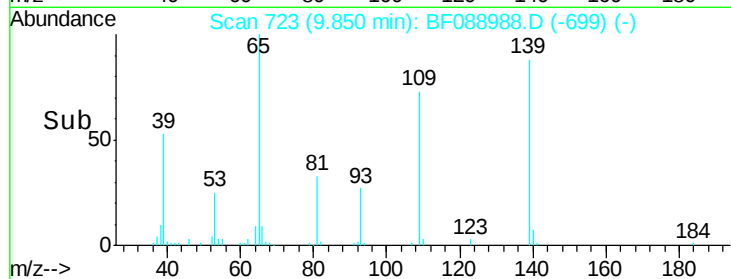
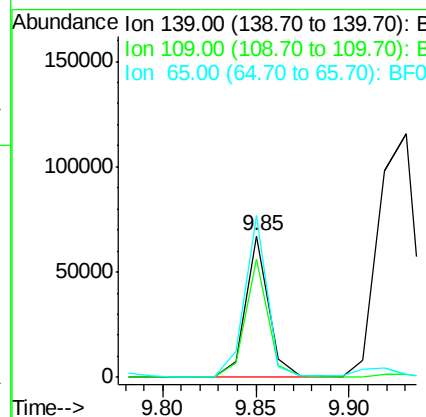
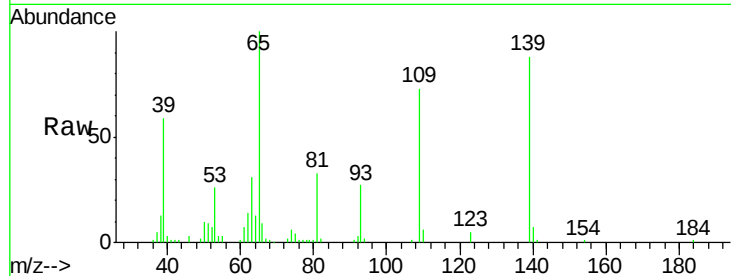
SSTDCCC040EC

Tot Ion:	139	Resp:	58647
Ion Ratio	Lower	Upper	
139	100		
109	83.7	48.9	88.9
65	114.1	84.9	124.9

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 46.30 ng

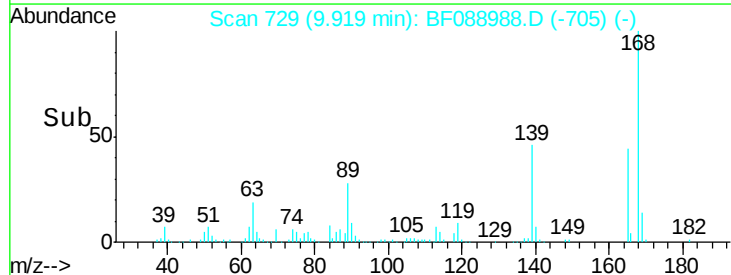
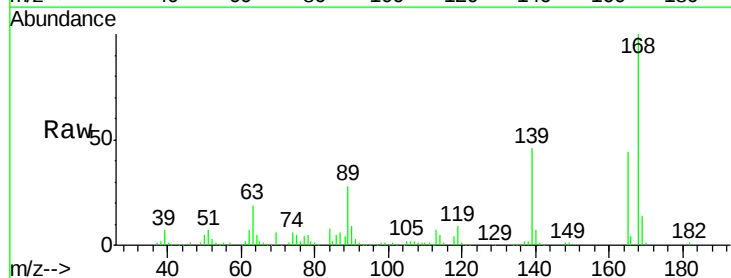
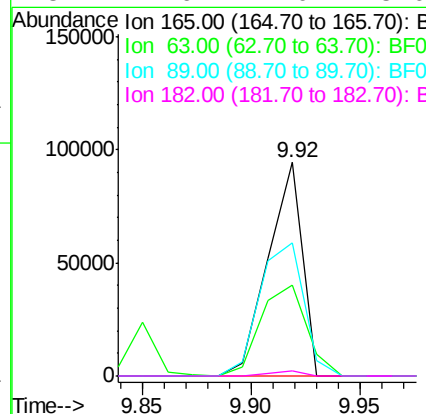
RT: 9.92 min Scan# 729

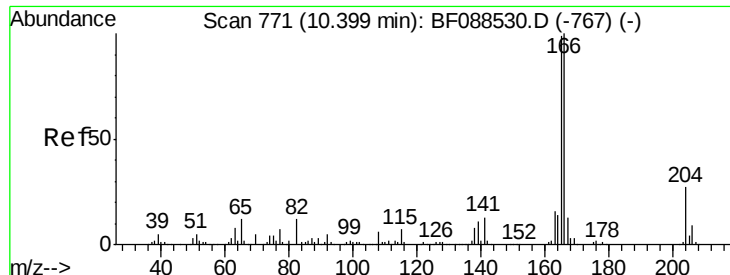
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	165	Resp:	104433
Ion Ratio	Lower	Upper	
165	100		
63	42.8	22.0	33.0#
89	62.3	41.1	61.7#
182	2.6	2.0	3.0





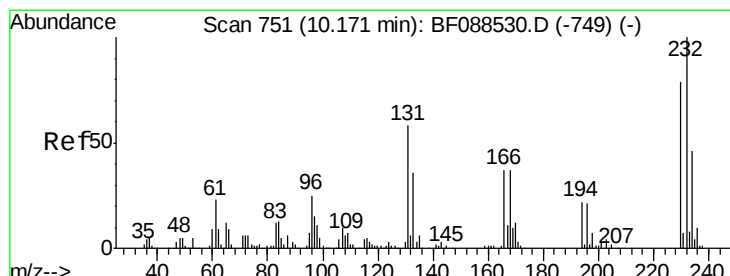
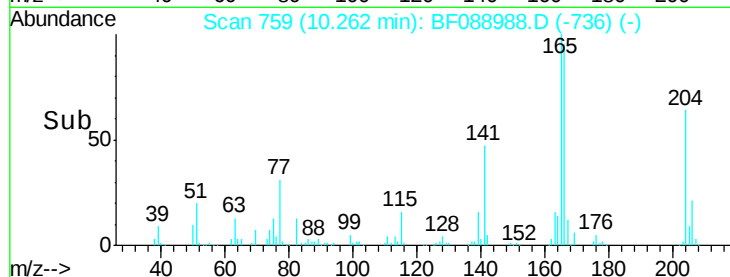
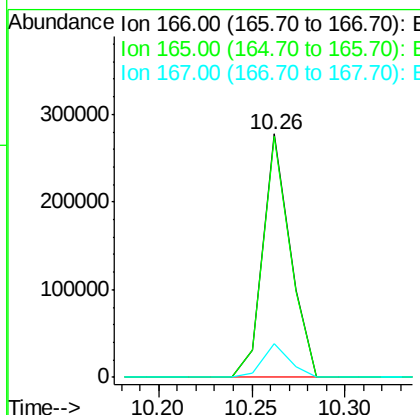
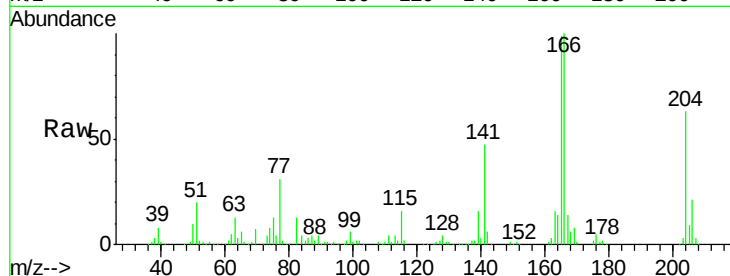
#57
Fluorene
 Concen: 40.16 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
166	100	280608		
165	98.8	77.8	116.8	
167	13.8	11.2	16.8	

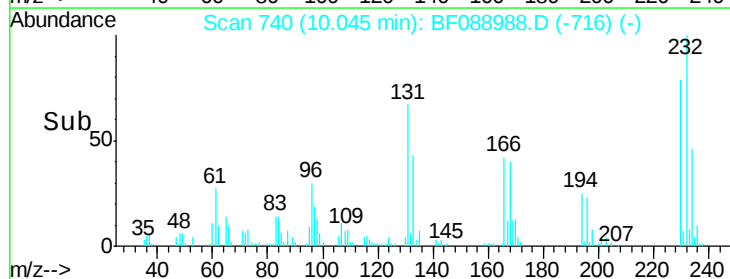
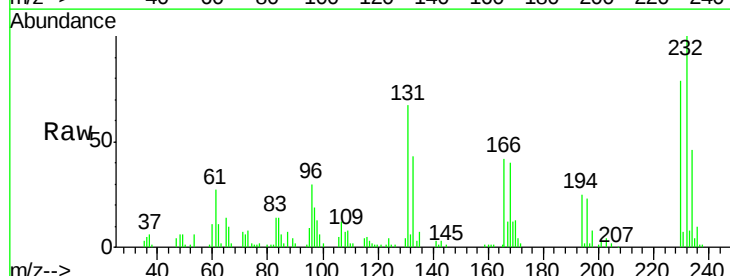
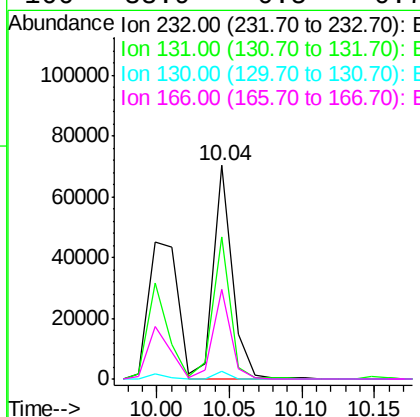
Manual Integrations

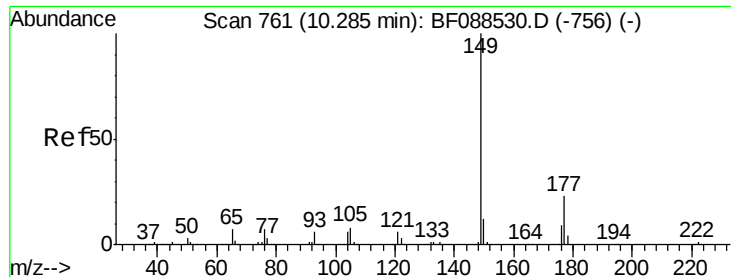
APPROVED
 Sohil
 7/15/2016 9:16:23 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.87 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	63596		
131	61.7	0.9	1.3#	
130	2.7	1.5	2.3#	
166	38.9	0.5	0.7#	





#59

Diethylphthalate

Concen: 39.59 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

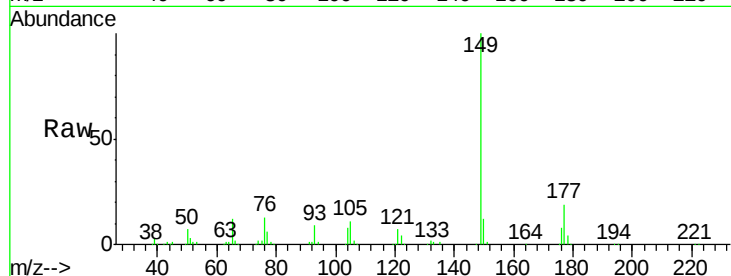
ClientSampleId :

SSTDCCC040EC

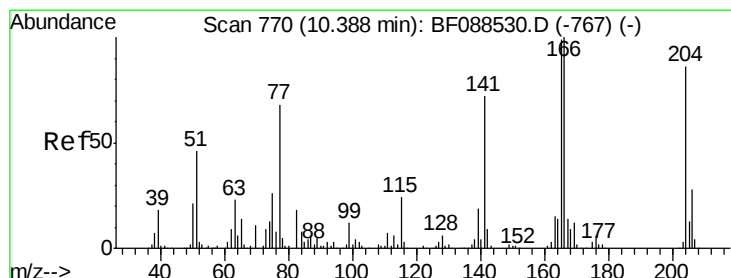
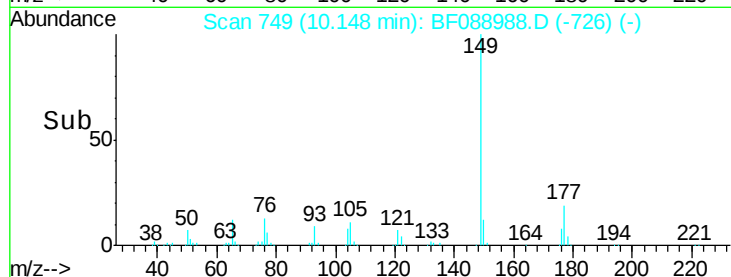
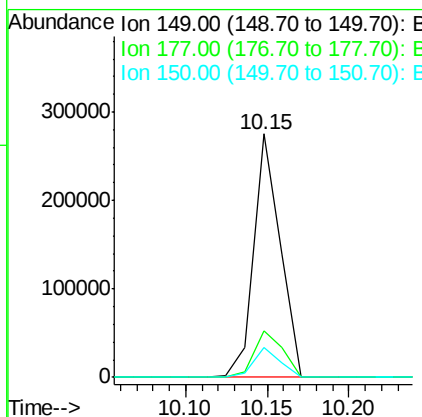
Manual Integrations

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Tot Ion	149	Resp	309305
Ion Ratio	Lower	Upper	
149	100		
177	19.1	16.9	25.3
150	12.5	10.1	15.1



#60

4-Chlorophenyl-phenylether

Concen: 43.70 ng

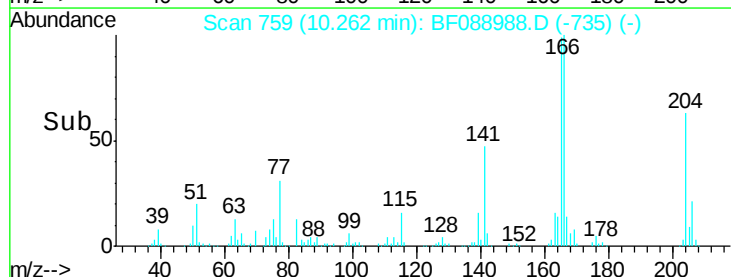
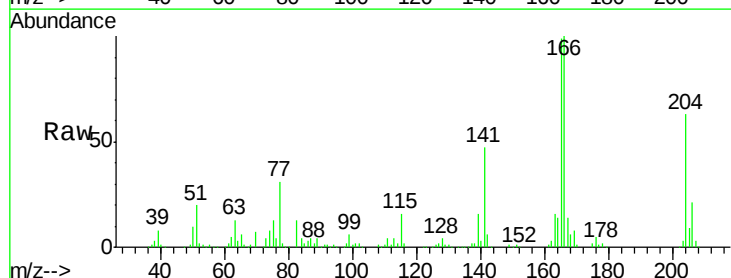
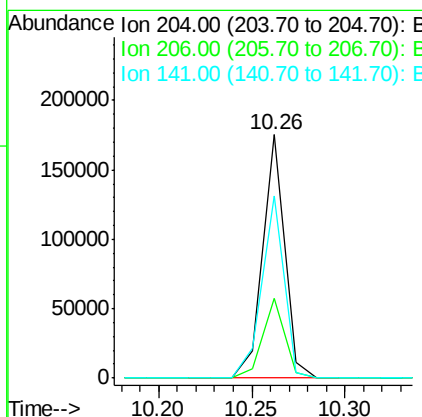
RT: 10.26 min Scan# 759

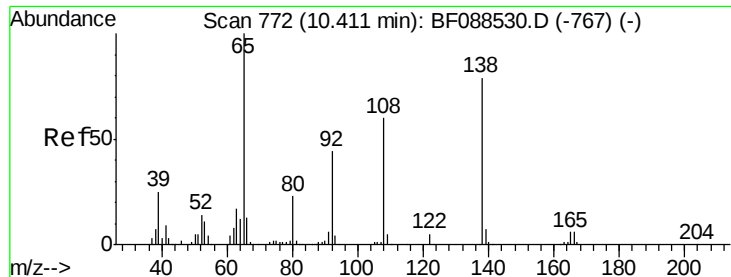
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion	204	Resp	141896
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.3	39.5
141	74.7	55.0	82.6





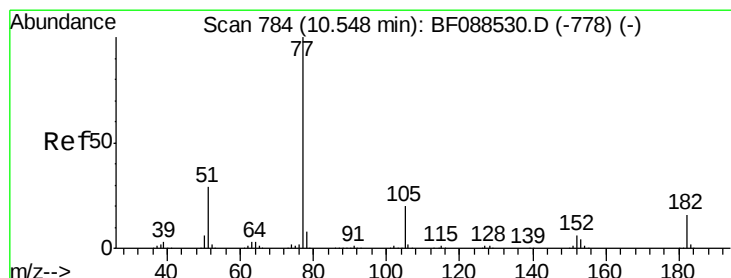
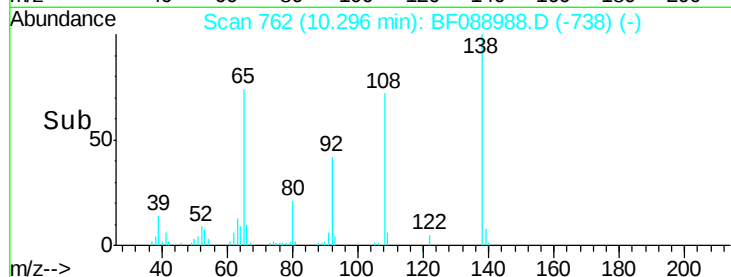
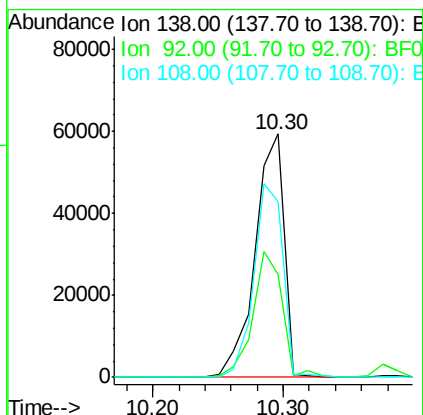
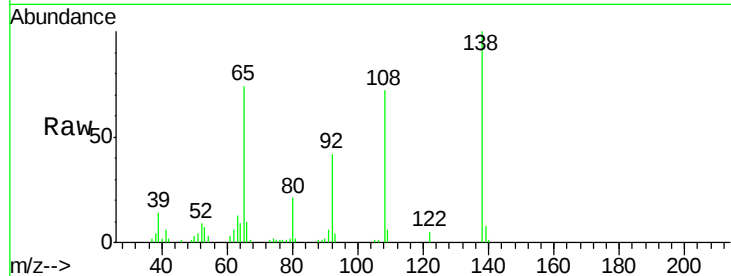
#61
4-Nitroaniline
Concen: 43.74 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.4	27.3	67.3
108	72.5	46.7	86.7

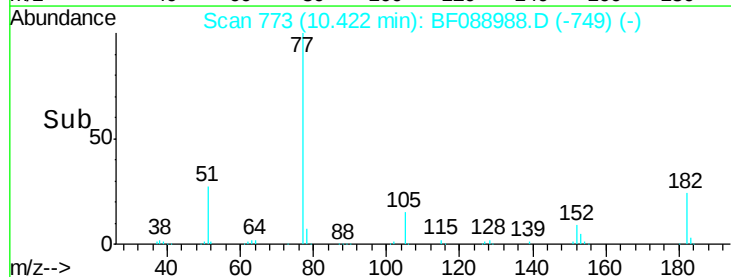
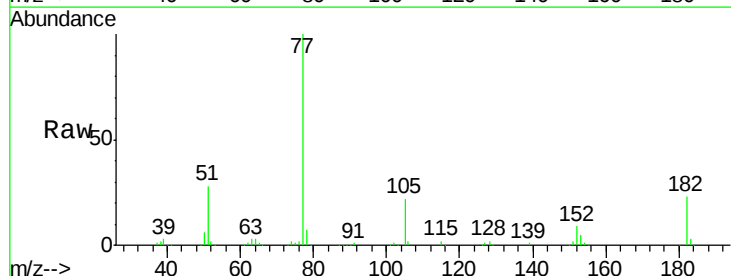
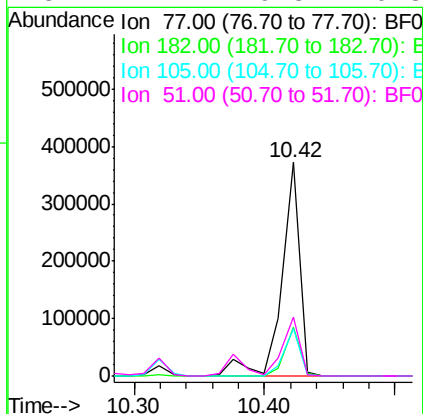
Manual Integrations

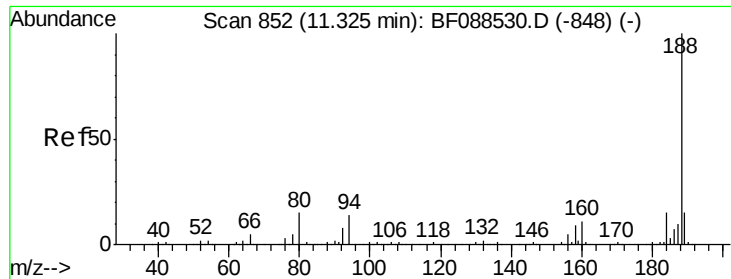
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#62
Azobenzene
Concen: 40.86 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.4	44.4
105	22.3	3.8	43.8
51	27.7	9.3	49.3





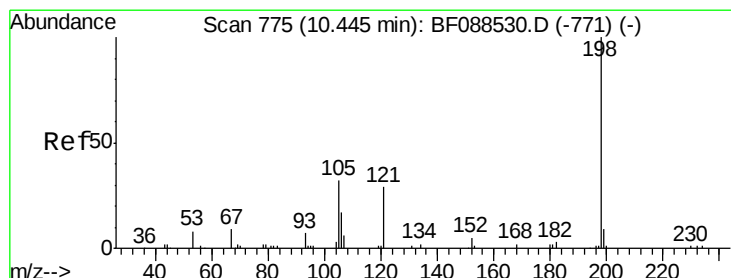
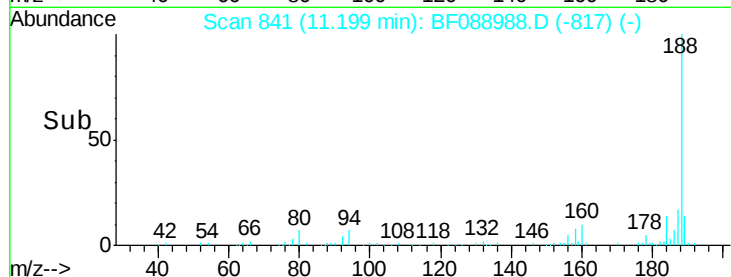
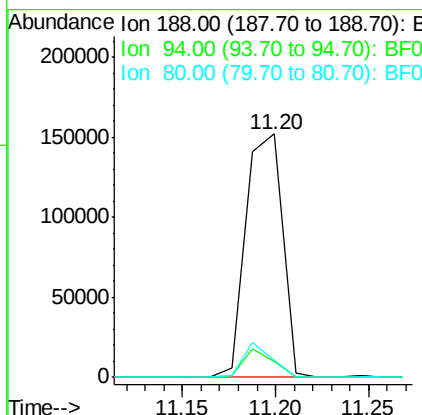
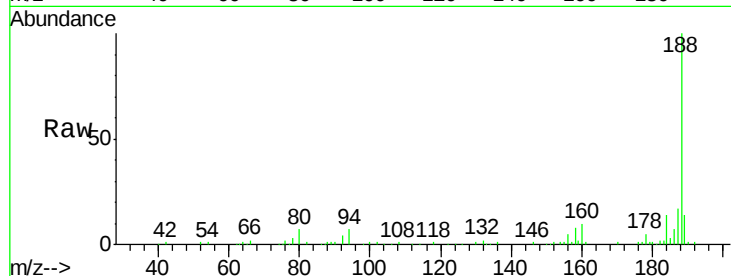
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	9.0	13.6#
80	7.0	10.0	15.0#

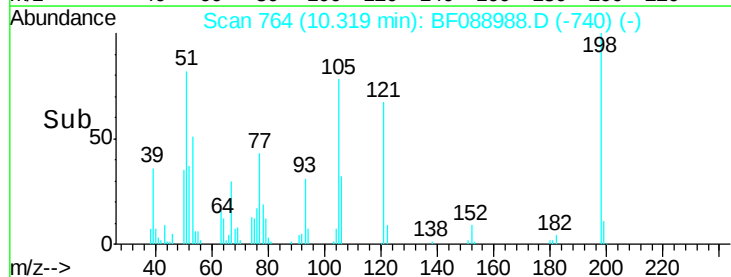
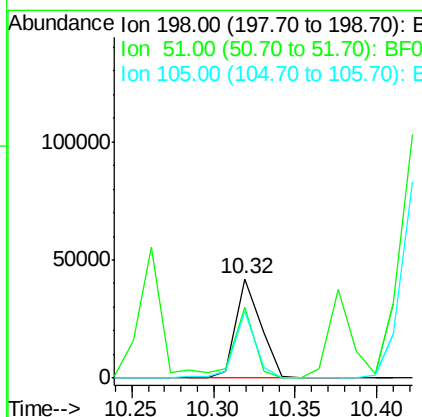
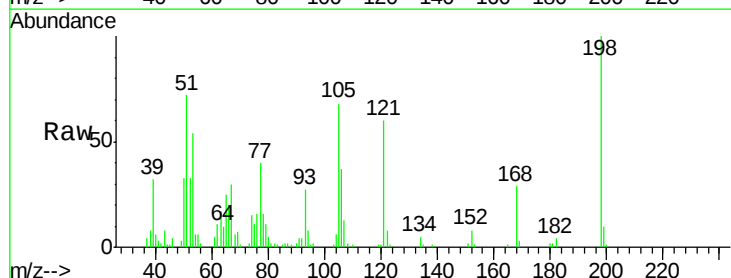
Manual Integrations

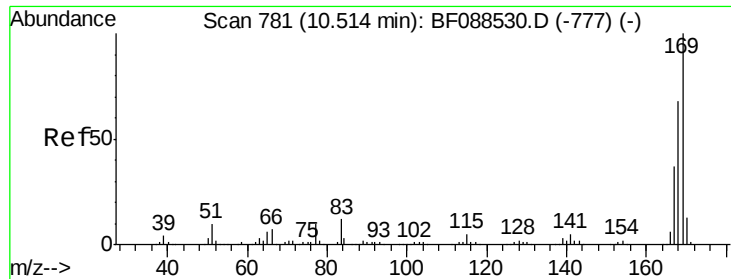
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.56 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	71.9	39.6	79.6
105	68.0	36.6	76.6





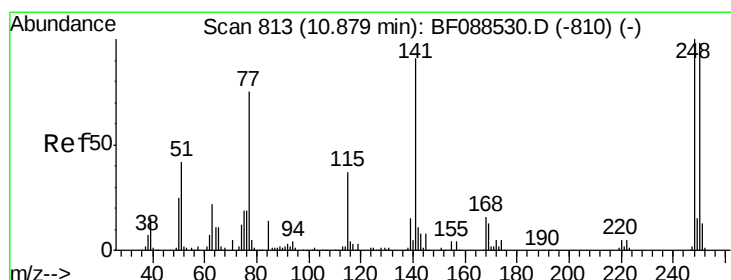
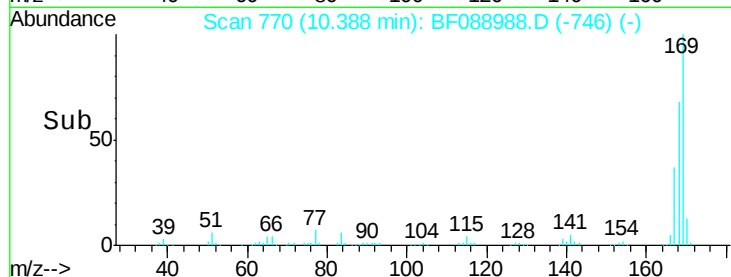
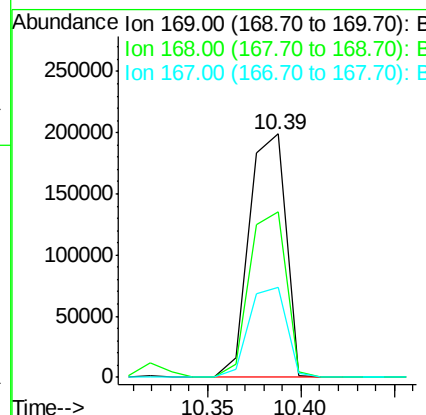
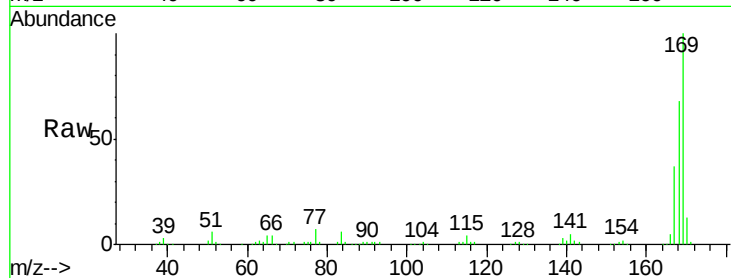
#65
n-Nitrosodiphenylamine
Concen: 39.28 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	68.0	53.4	80.0	
167	36.8	29.4	44.0	

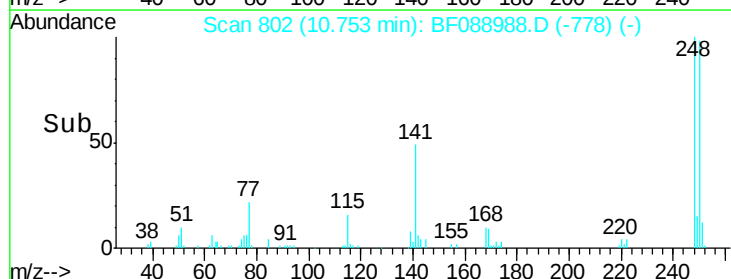
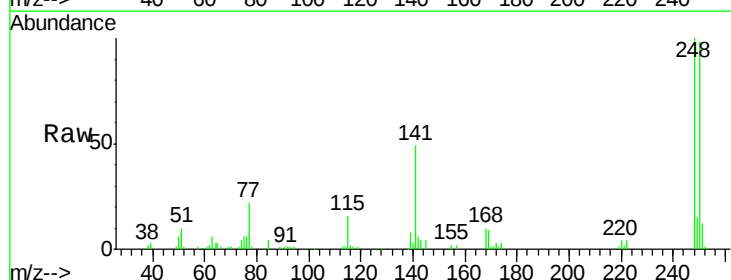
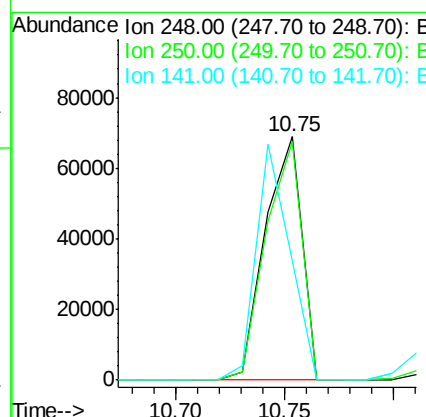
Manual Integrations

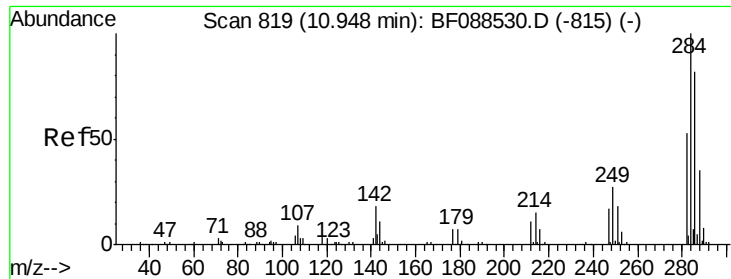
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#66
4-Bromophenyl-phenylether
Concen: 39.12 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.8	77.1	115.7	
141	49.3	50.6	76.0	





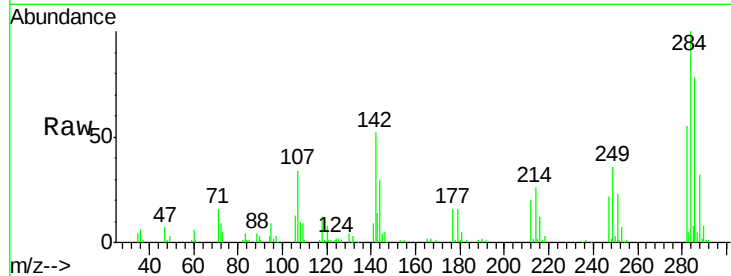
#67
Hexachlorobenzene
Concen: 34.31 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

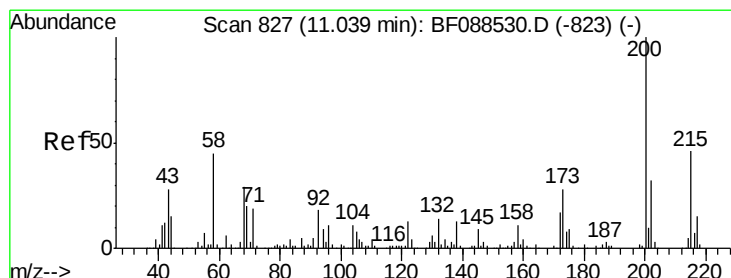
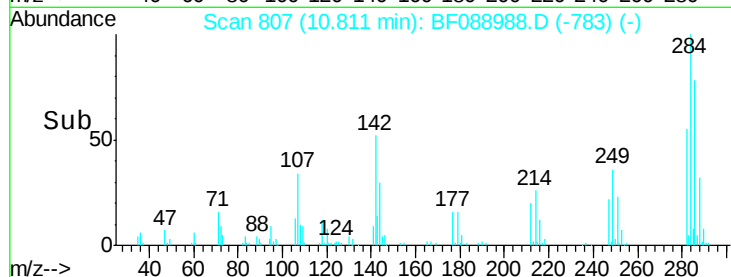
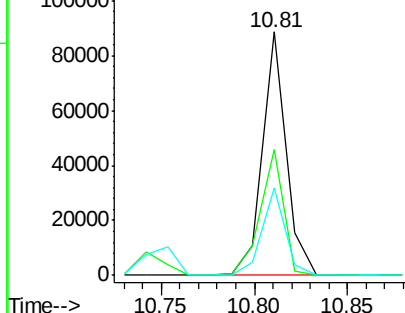
Tot Ion	Ratio	Lower	Upper
284	100		
142	51.9	35.8	53.8
249	36.0	25.8	38.6

Manual Integrations

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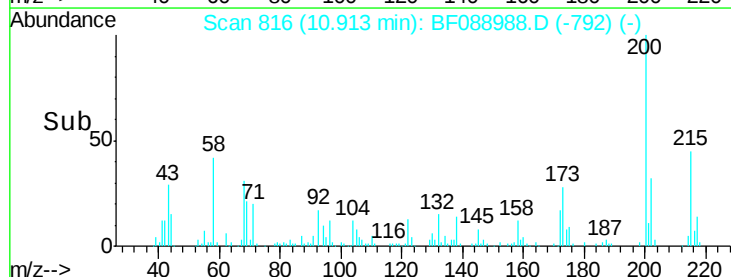
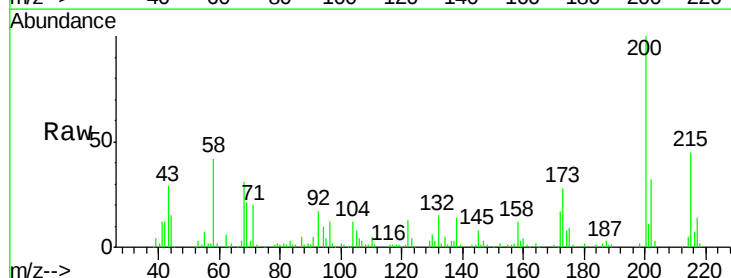
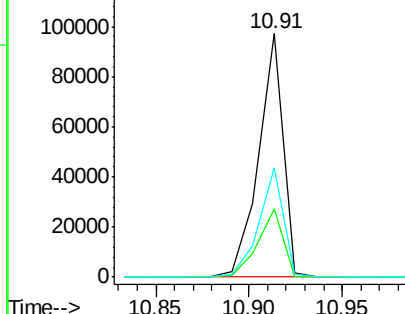
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

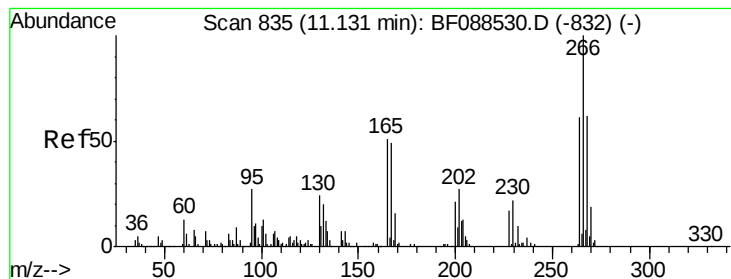


#68
Atrazine
Concen: 41.05 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	4.0	44.0
215	44.8	29.3	69.3

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 33.10 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:266 Resp: 45171

Ion Ratio Lower Upper

266 100

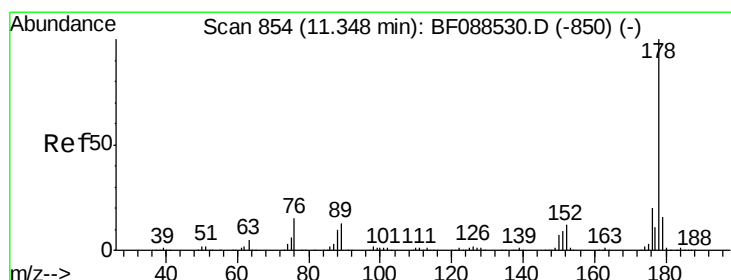
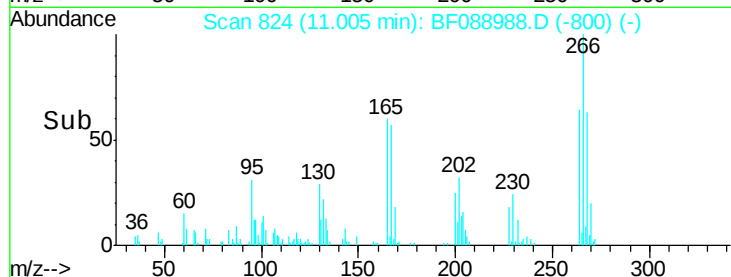
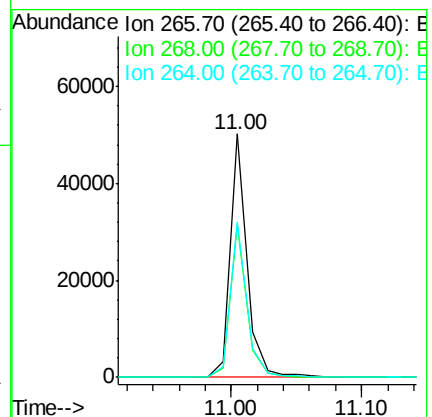
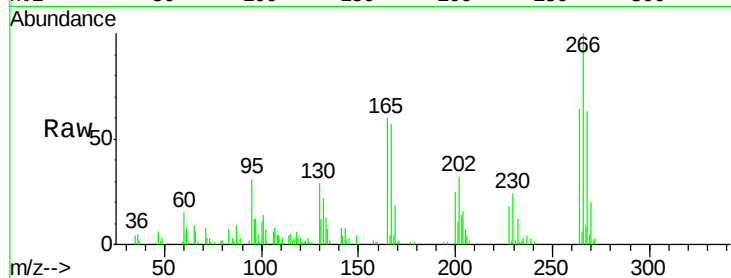
268 62.7 52.8 79.2

264 63.6 49.6 74.4

Manual Integrations

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#70

Phenanthrene

Concen: 43.39 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

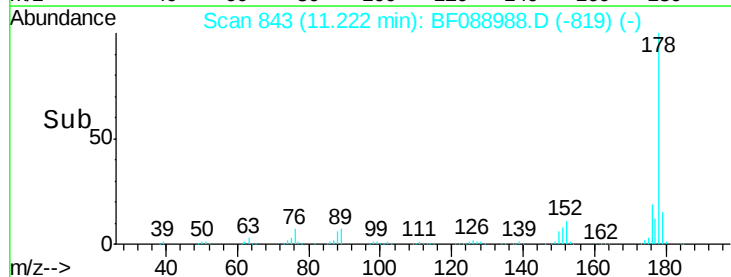
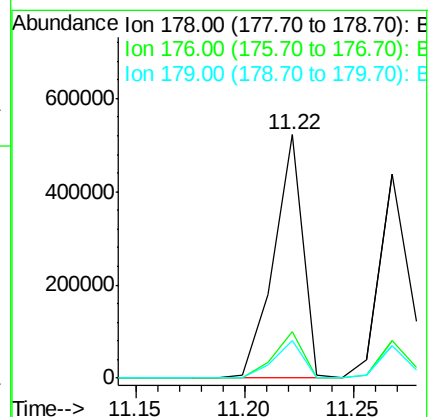
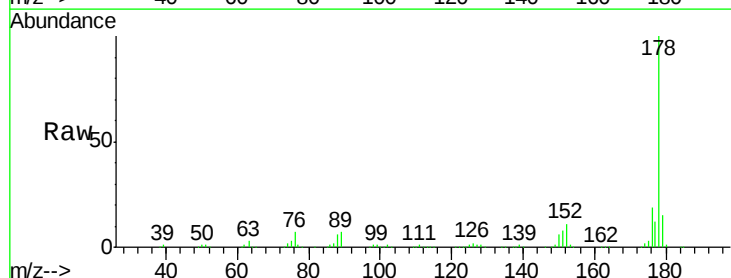
Tgt Ion:178 Resp: 490336

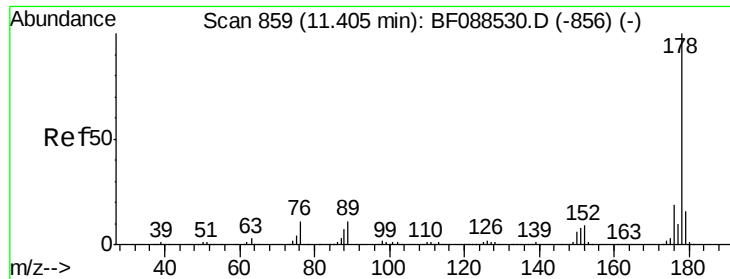
Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.3 13.0 19.4





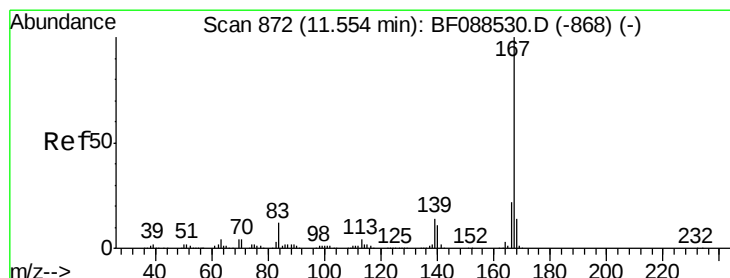
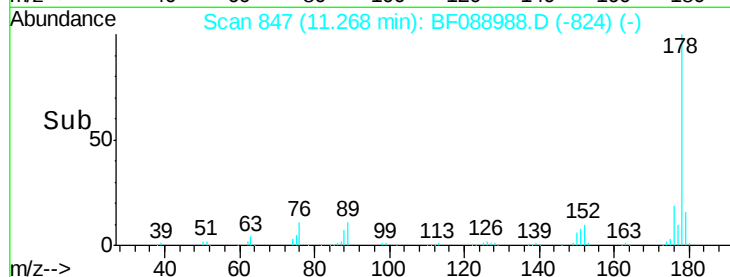
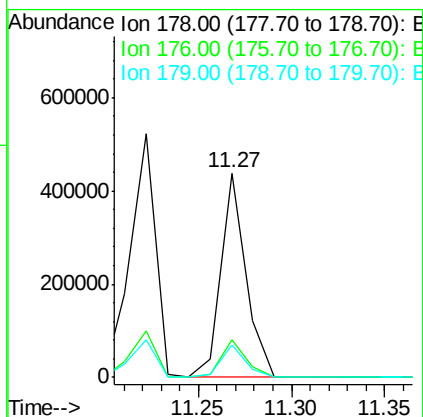
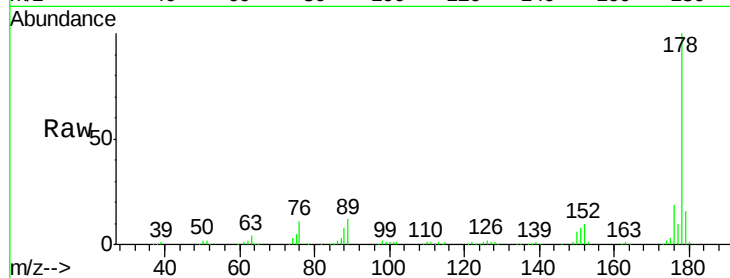
#71
 Anthracene
 Concen: 36.73 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.03 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
412715	178	100		
	176	18.6	15.6	23.4
	179	15.8	12.8	19.2

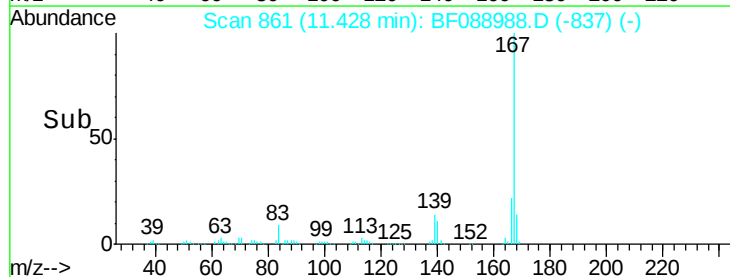
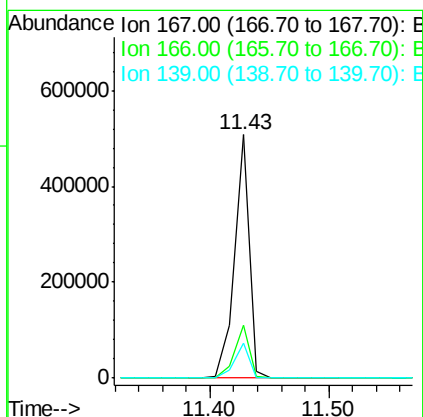
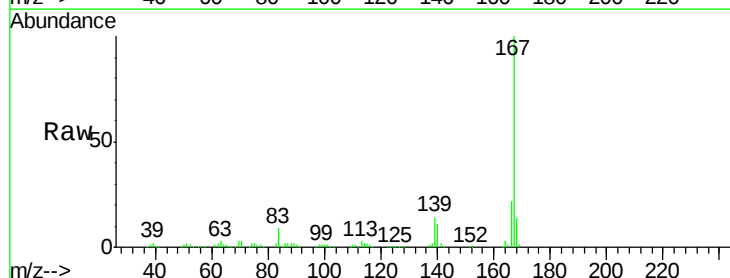
Manual Integrations

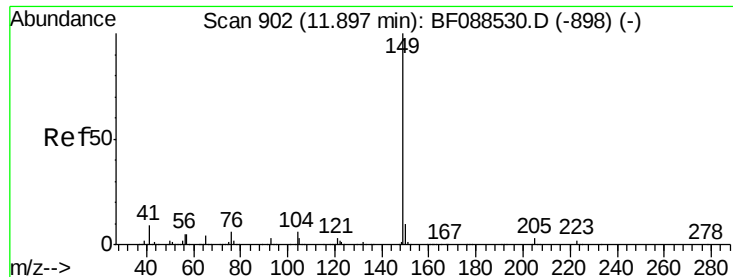
APPROVED
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#72
 Carbazole
 Concen: 41.27 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion	Ion	Ratio	Lower	Upper
436435	167	100		
	166	21.9	17.8	26.6
	139	14.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 43.25 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

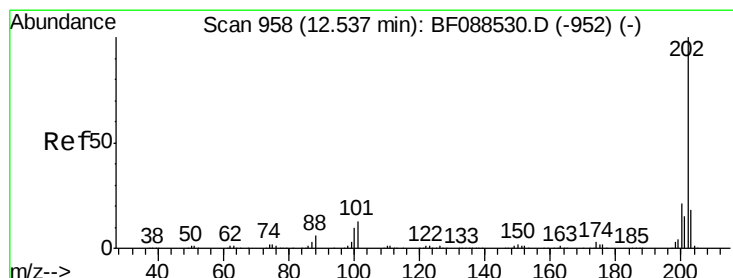
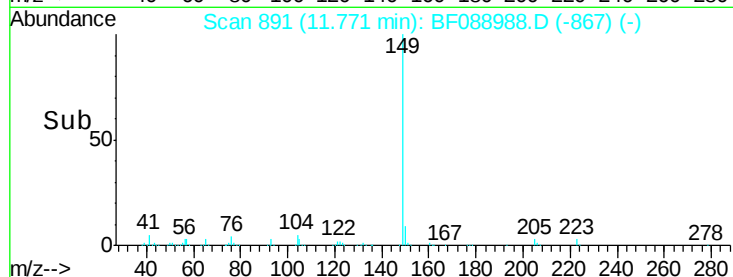
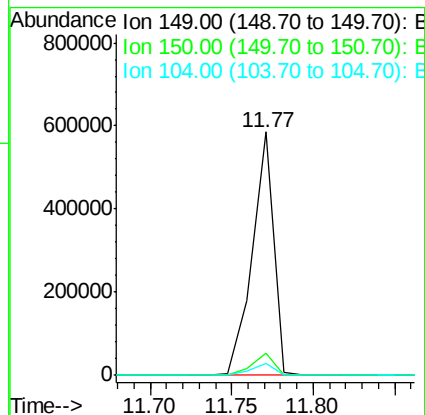
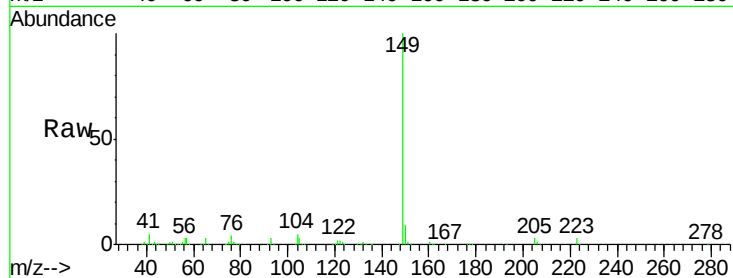
SSTDCCC040EC

Tot Ion:	149	Resp:	532045
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.8	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 42.23 ng

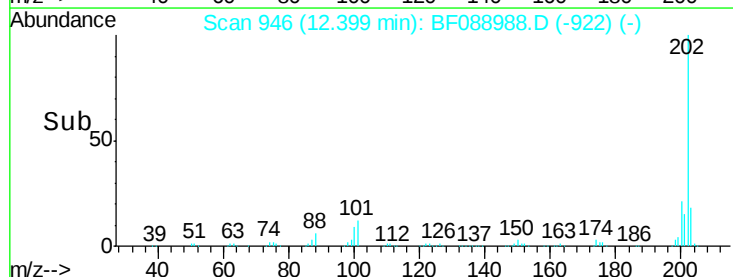
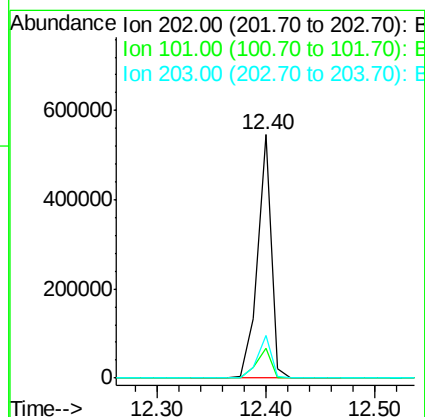
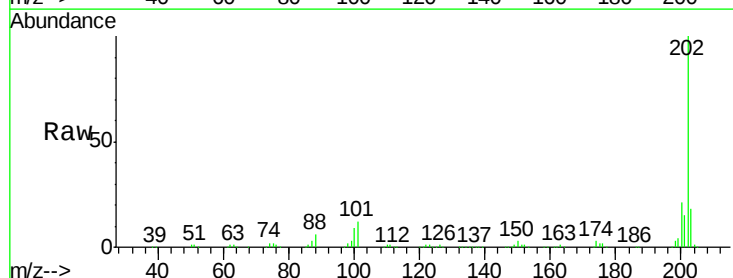
RT: 12.40 min Scan# 946

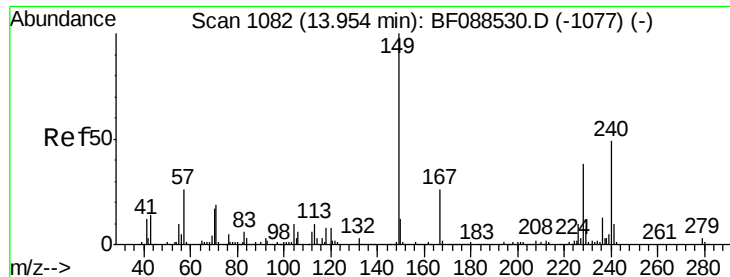
Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	202	Resp:	483775
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	33.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 148714

Ion Ratio Lower Upper

240 100

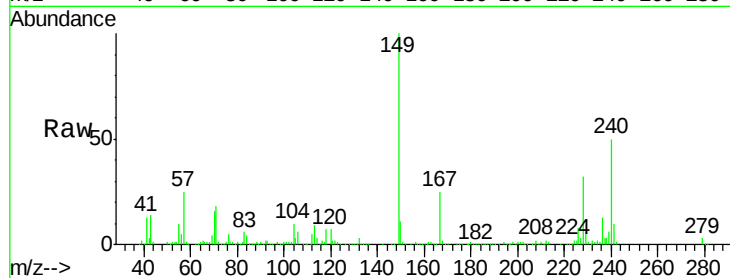
120 14.9 6.8 10.2#

236 25.7 20.2 30.2

Manual Integrations

Sohil

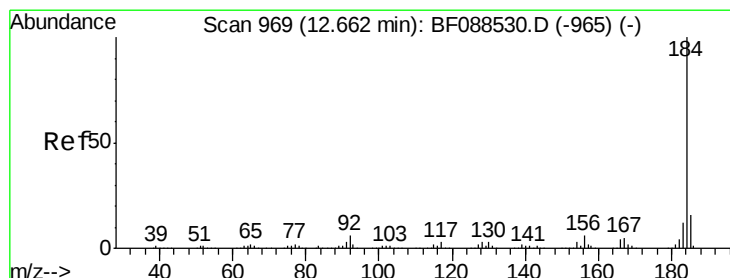
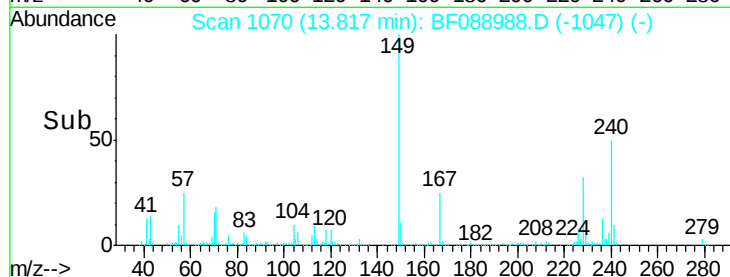
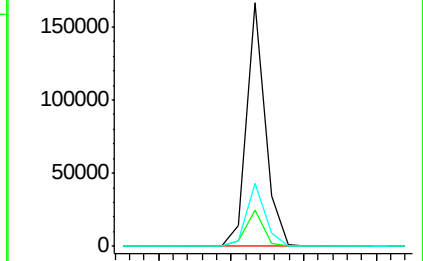
7/15/2016 9:16:23 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.81 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

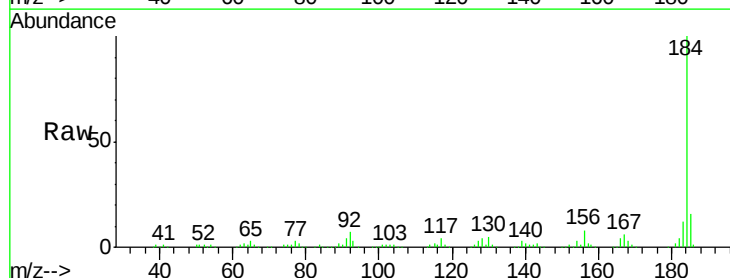
Tgt Ion:184 Resp: 254142

Ion Ratio Lower Upper

184 100

185 15.9 12.5 18.7

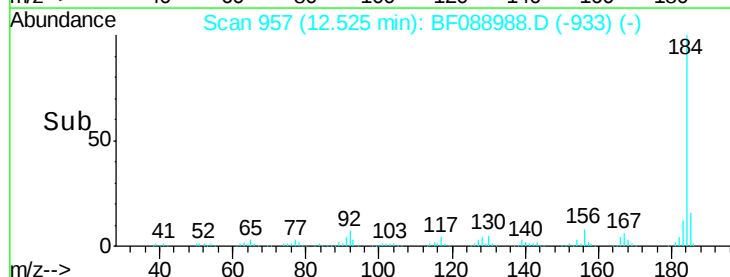
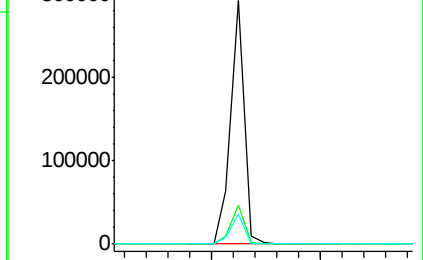
183 12.2 9.3 13.9

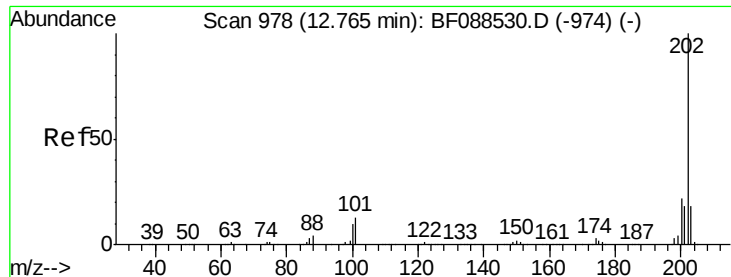


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





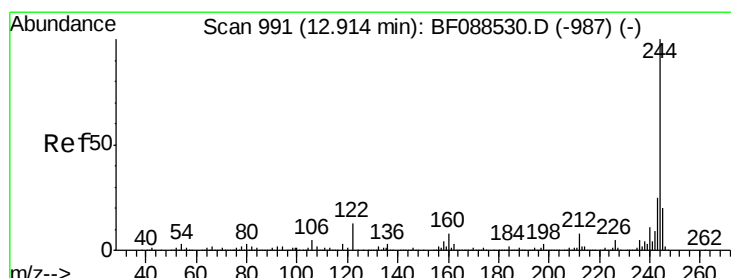
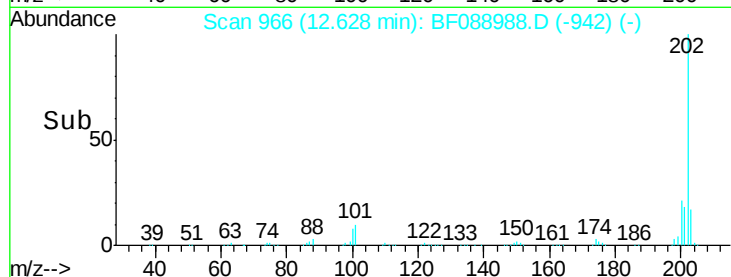
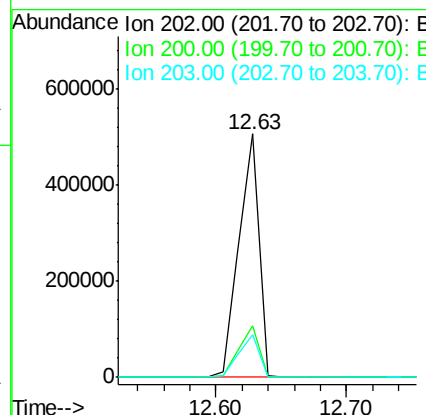
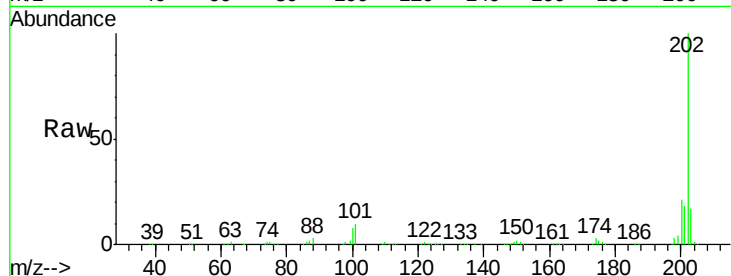
#77
Pvrene
Concen: 42.34 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.3	14.5	21.7

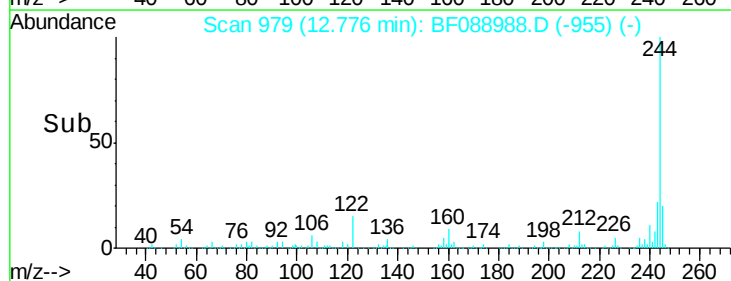
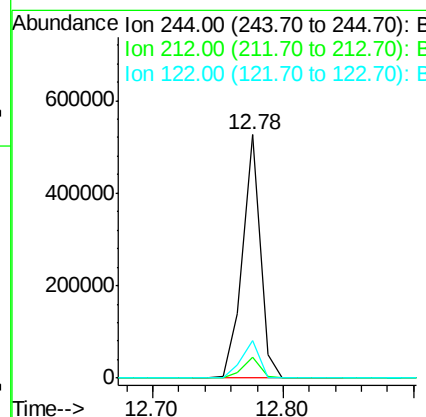
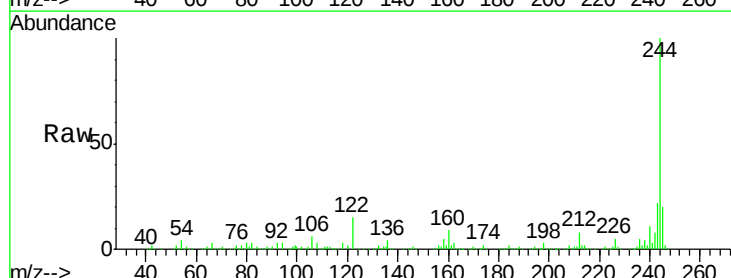
Manual Integrations

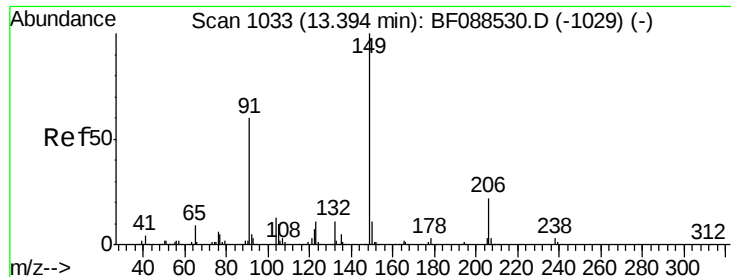
APPROVED
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7/15/2016 9:16:23 AM



#78
Terphenyl-d14
Concen: 74.35 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	15.5	11.2	16.8





#79

Butylbenzylphthalate

Concen: 39.63 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

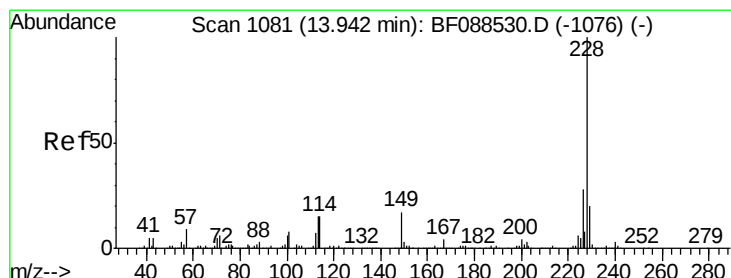
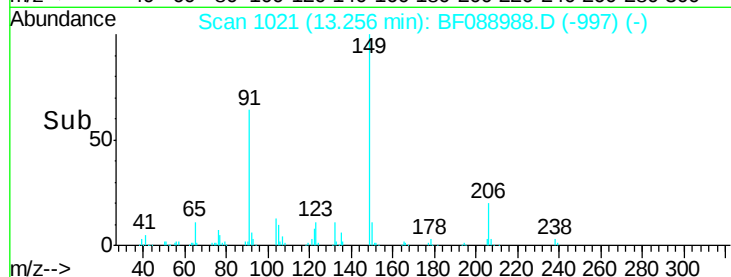
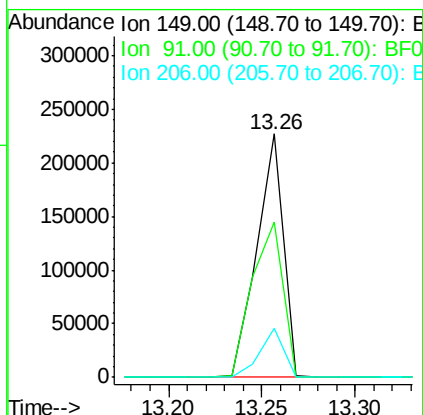
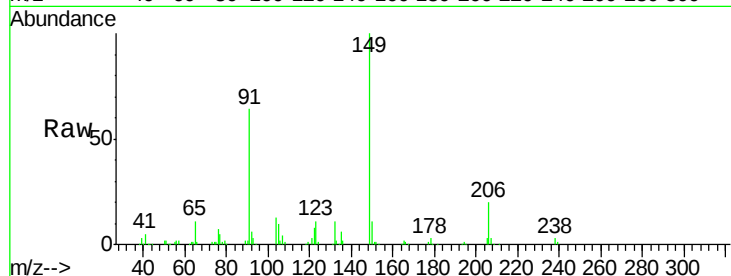
SSTDCCC040EC

Tot Ion:	149	Resp:	222882
Ion Ratio	Lower	Upper	
149	100		
91	63.7	48.0	72.0
206	20.3	16.0	24.0

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 38.61 ng

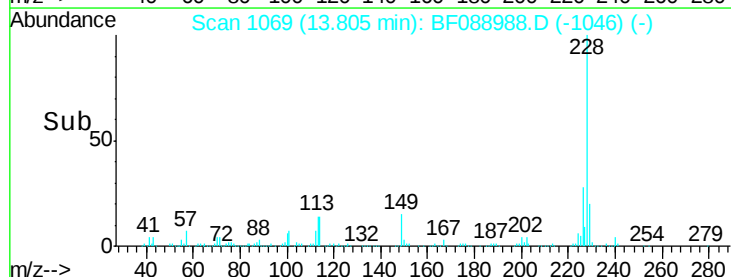
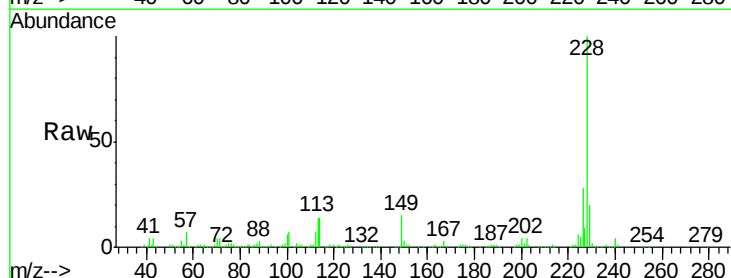
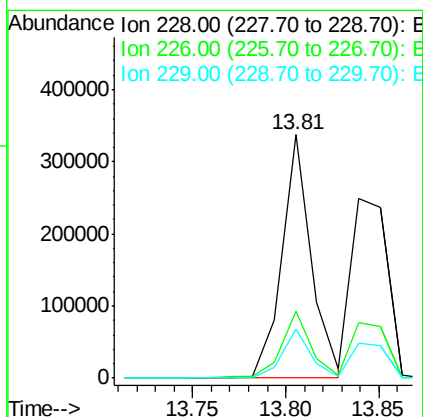
RT: 13.81 min Scan# 1069

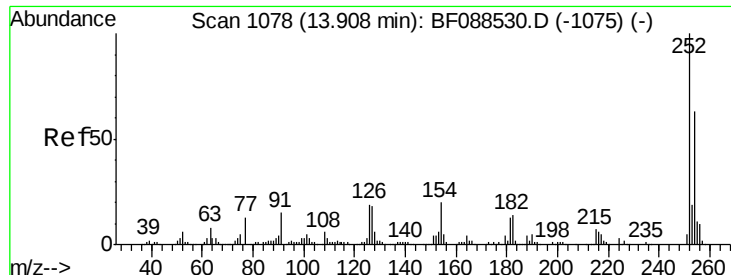
Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	228	Resp:	369768
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.3	33.5
229	20.1	16.0	24.0





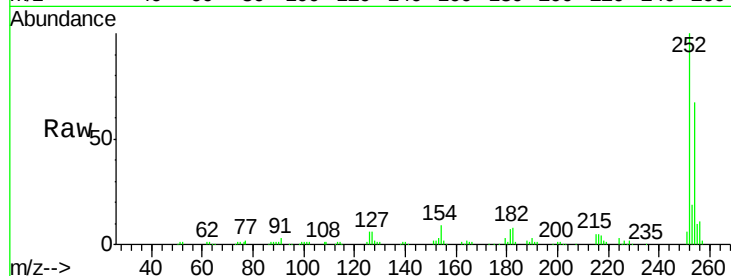
#81
 3,3'-Dichlorobenzidine
 Concen: 36.15 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

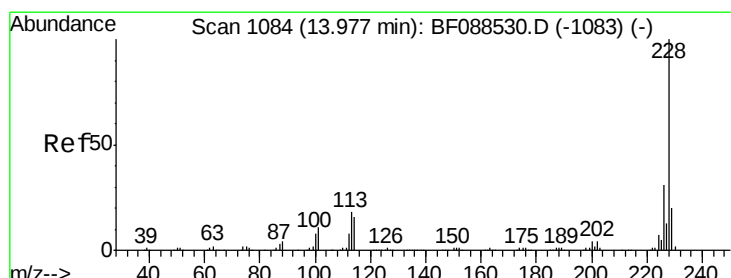
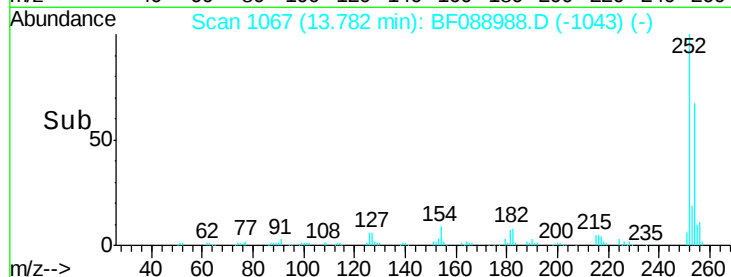
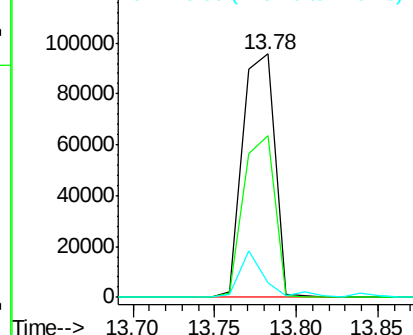
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.6	78.8
126	5.7	6.2	9.2

Manual Integrations

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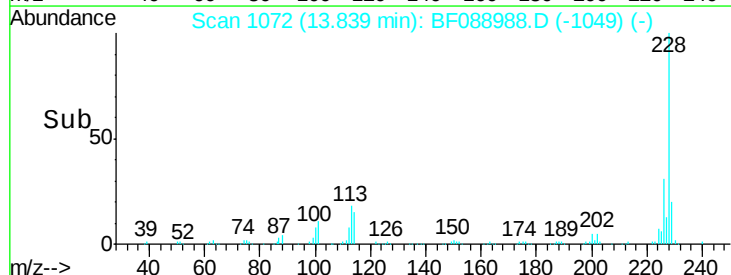
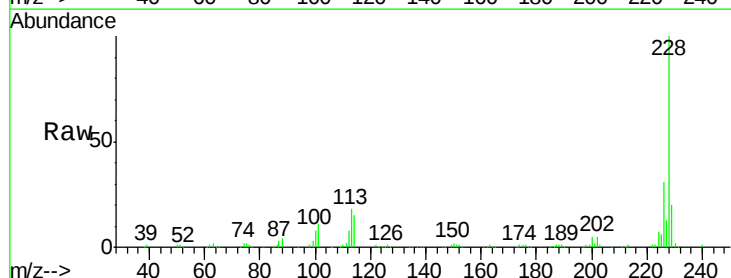
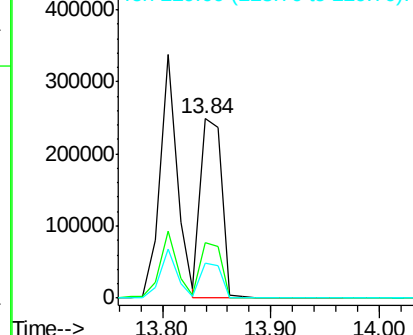
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

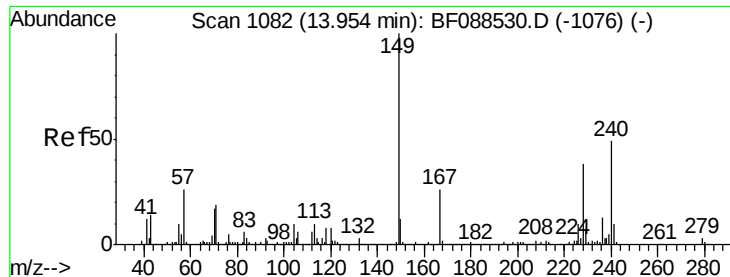


#82
 Chrysene
 Concen: 35.82 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	19.8	16.3	24.5

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: 44.20 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 283836

Ion Ratio Lower Upper

149 100

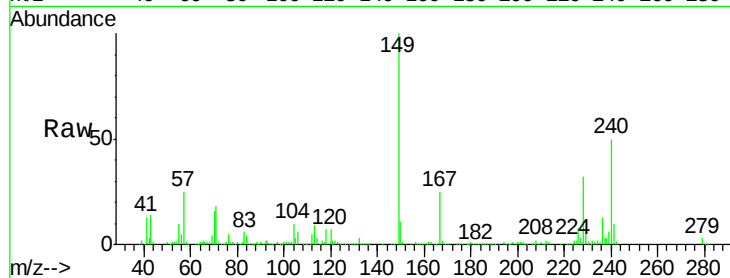
167 24.8 20.5 30.7

279 2.5 2.0 3.0

Manual Integrations

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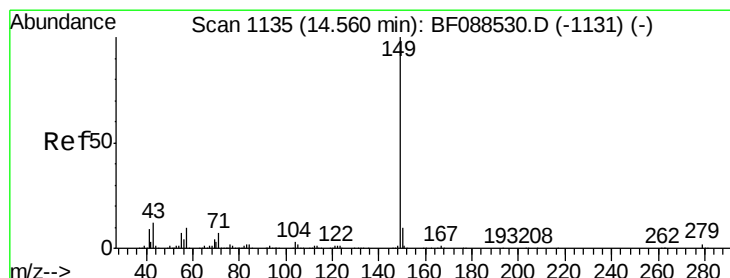
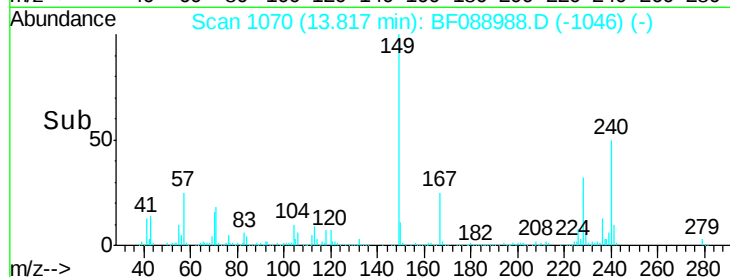
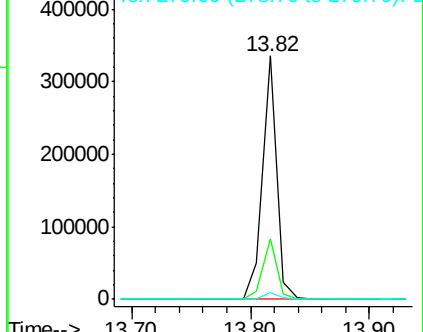
7/15/2016 9:16:23 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.26 ng

RT: 14.42 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

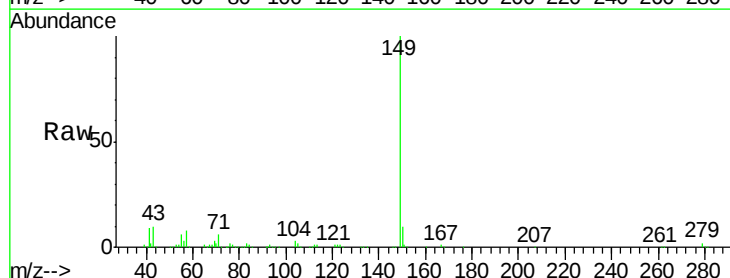
Tgt Ion:149 Resp: 450113

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

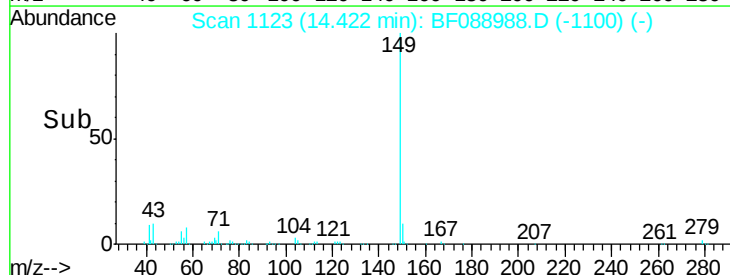
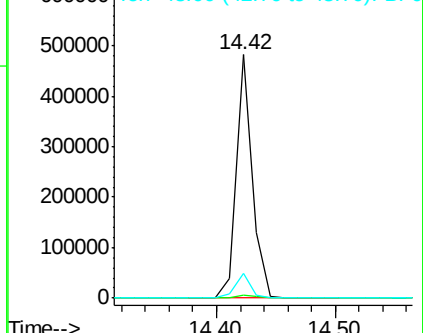
43 9.5 0.0 0.0#

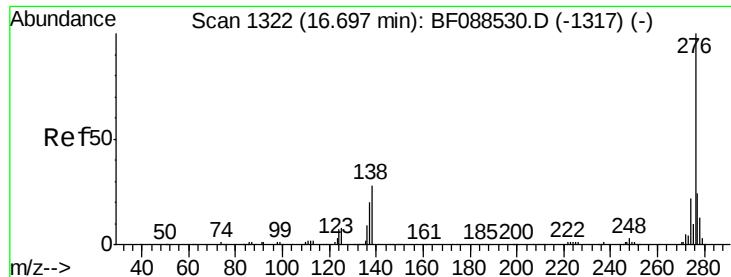


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.14 ng

RT: 16.46 min Scan# 1301

Delta R.T. -0.05 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

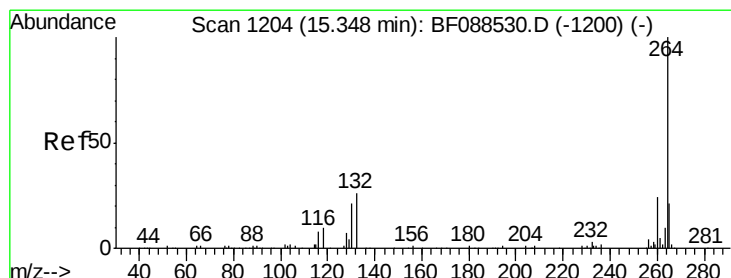
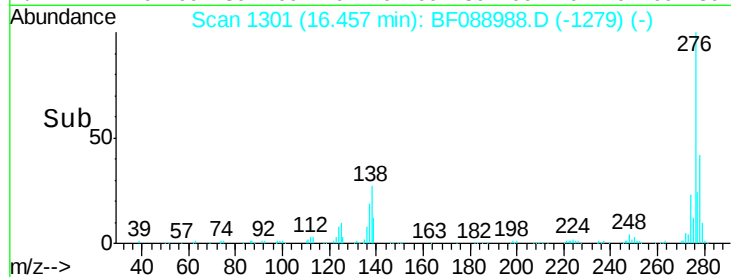
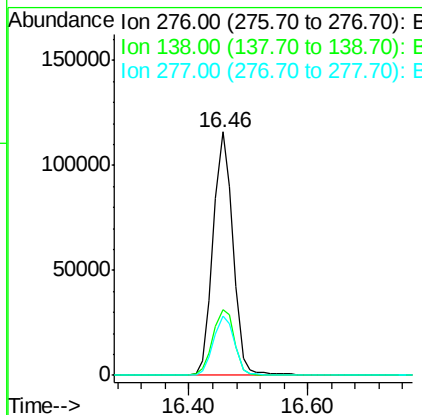
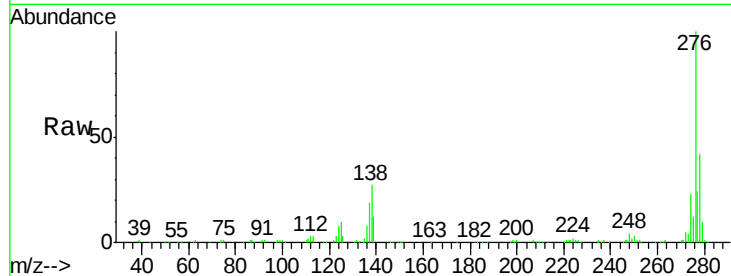
SSTDCCC040EC

Tot Ion:	276	Resp:	270741
Ion Ratio	Lower	Upper	
276	100		
138	29.4	0.0	0.0#
277	25.5	0.0	0.0#

Manual Integrations

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7/15/2016 9:16:23 AM



#86

Perylene-d12

Concen: 20.00 ng

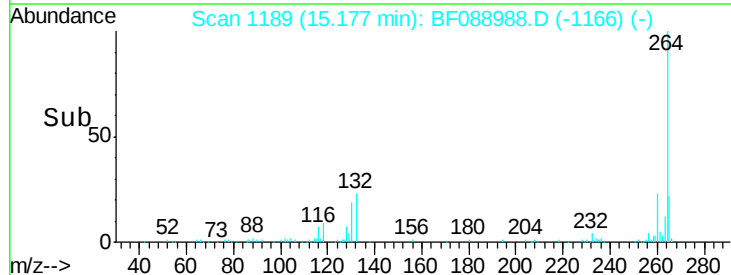
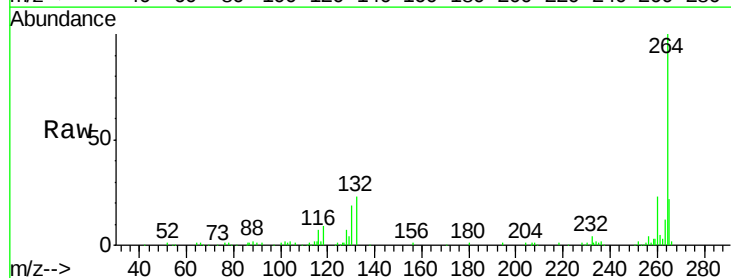
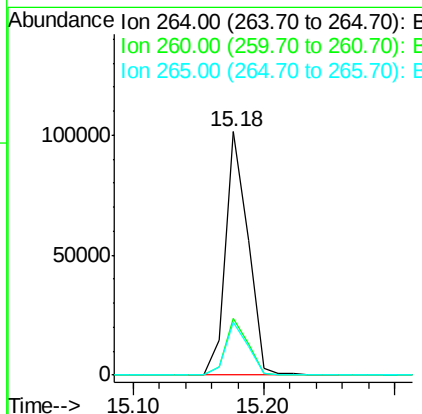
RT: 15.18 min Scan# 1189

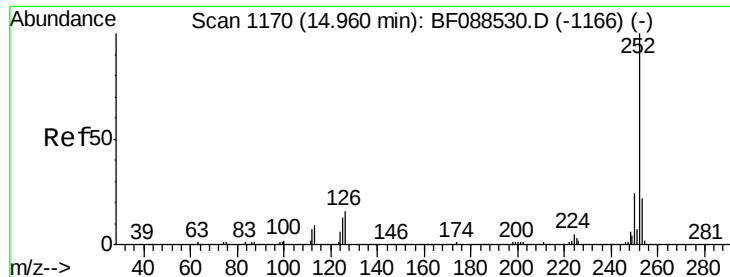
Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	264	Resp:	121556
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.8	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 45.58 ng m

RT: 14.81 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Instrument :

BNA_F

ClientSampleId :

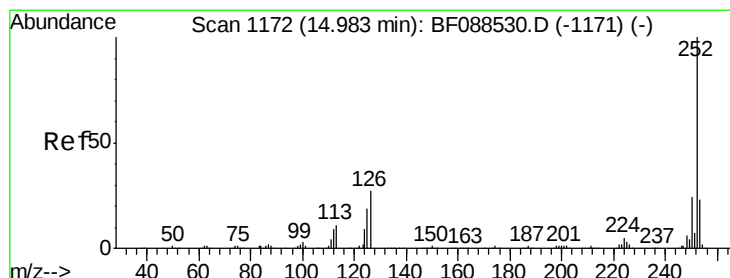
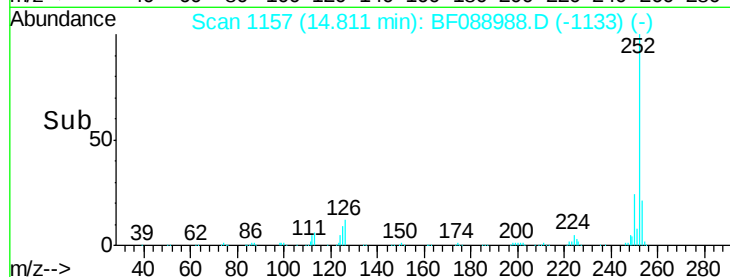
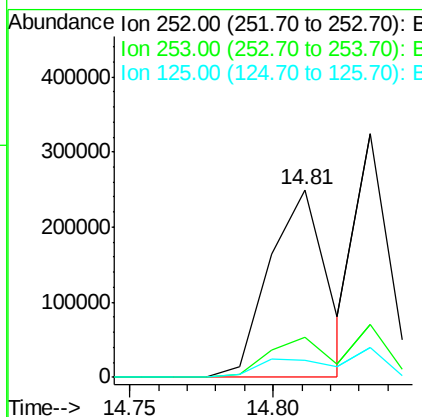
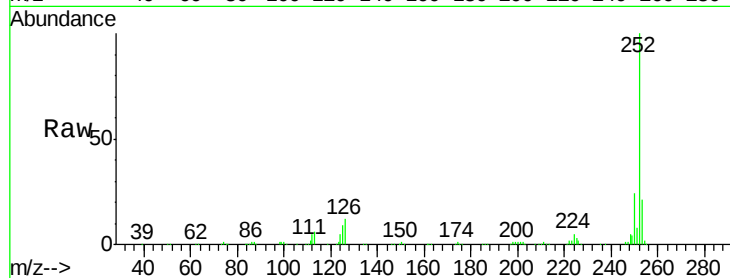
SSTDCCC040EC

Tot Ion:	252	Resp:	347585
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.4	26.2
125	9.0	7.1	10.7

Manual Integrations

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7/15/2016 9:16:23 AM



#88

Benzo(k)fluoranthene

Concen: 39.42 ng m

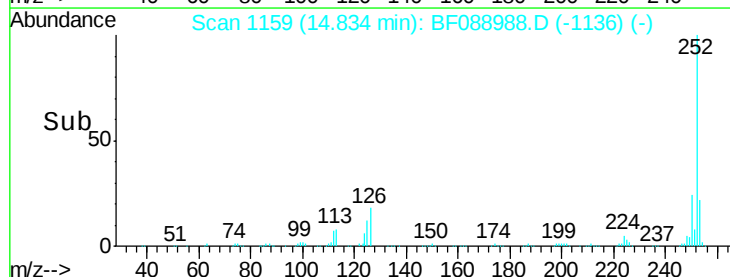
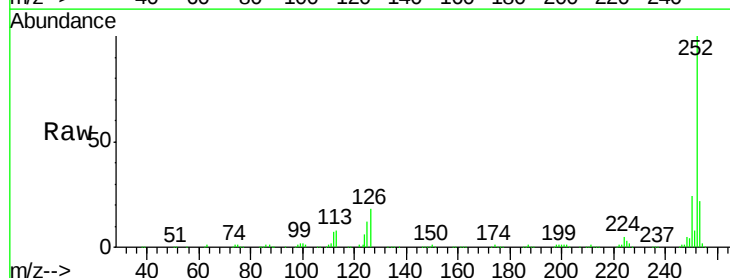
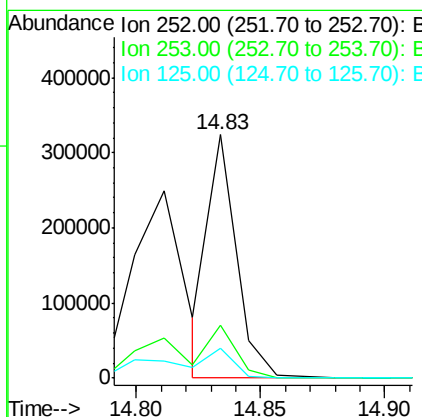
RT: 14.83 min Scan# 1159

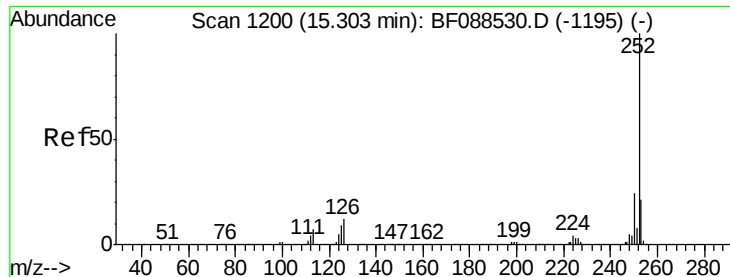
Delta R.T. -0.03 min

Lab File: BF088988.D

Acq: 14 Jul 2016 15:49

Tgt Ion:	252	Resp:	261647
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	12.5	11.2	16.8





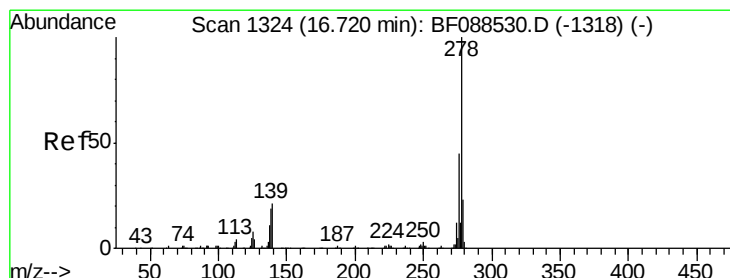
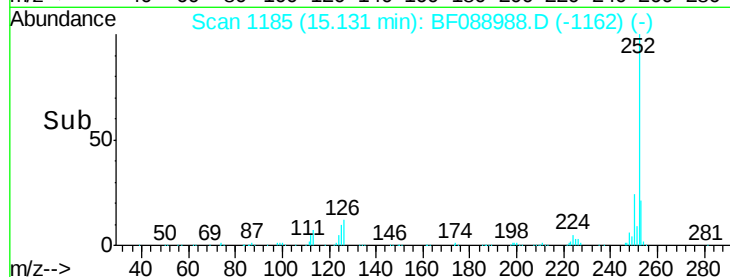
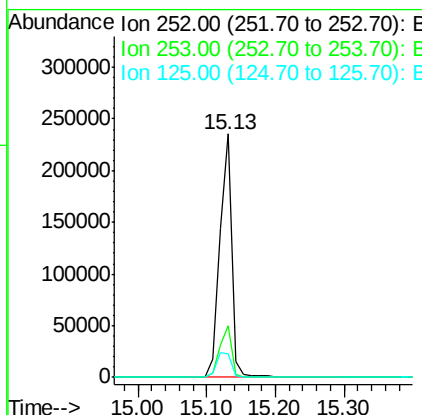
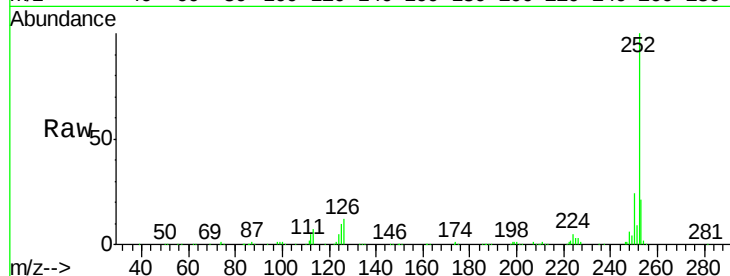
#89
Benzo(a)pyrene
Concen: 44.93 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	9.9	12.5	18.7

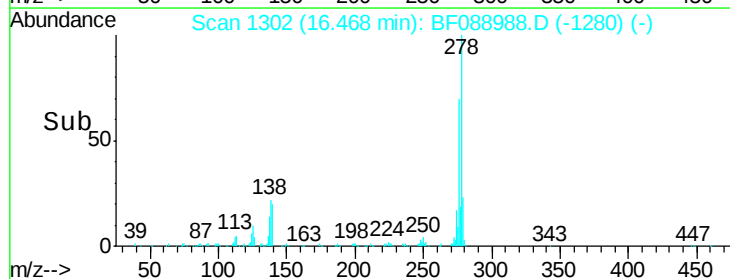
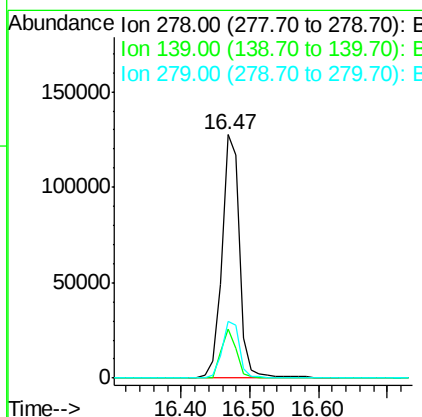
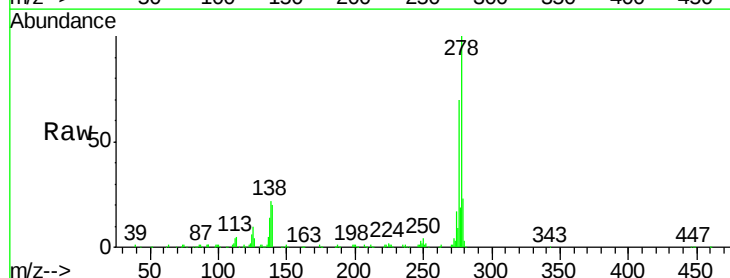
Manual Integrations

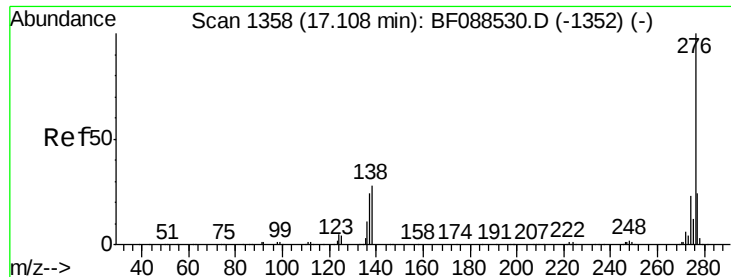
APPROVED
Sohil
7/15/2016 9:16:23 AM



#90
Dibenzo(a,h)anthracene
Concen: 43.20 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.05 min
Lab File: BF088988.D
Acq: 14 Jul 2016 15:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.7	23.5
279	23.4	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 41.75 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. -0.05 min
 Lab File: BF088988.D
 Acq: 14 Jul 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.3	21.4	32.2

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:23 AM

