

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088703.D
 Acq On : 5 Jul 2016 15:16
 Operator : UM/SJ
 Sample : H3817-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Manual Integrations

sohil
 7/6/2016 7:19:07 PM

Quant Time: Jul 05 17:50:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	106937	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	445116	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	222263	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	425302	20.00	ng	0.00
75) Chrysene-d12	13.92	240	291461	20.00	ng	0.00
86) Perylene-d12	15.30	264	266678	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	785817	110.13	ng	0.01
7) Phenol-d6	6.42	99	1045400	113.39	ng	0.01
23) Nitrobenzene-d5	7.35	82	776509	91.42	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	290373	140.69	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1057869	75.18	ng	0.00
78) Terphenyl-d14	12.87	244	785873	60.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	109373	30.92	ng	# 33
3) Pyridine	3.10	79	184323	17.96	ng	92
4) n-Nitrosodimethylamine	3.03	42	87008	22.19	ng	96
6) Aniline	6.43	93	225466	16.78	ng	# 1
8) 2-Chlorophenol	6.56	128	186476	24.32	ng	87
9) Benzaldehyde	6.32	77	146956	23.53	ng	87
10) Phenol	6.43	94	321906	30.59	ng	# 71
11) bis(2-Chloroethyl)ether	6.51	93	185551	23.65	ng	95
12) 1,3-Dichlorobenzene	6.72	146	197655	23.42	ng	97
13) 1,4-Dichlorobenzene	6.80	146	196193	23.42	ng	98
14) 1,2-Dichlorobenzene	6.95	146	195531m	24.94	ng	
15) Benzyl Alcohol	6.92	79	209641	30.90	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	238994	21.03	ng	91
17) 2-Methylphenol	7.04	107	182153	29.12	ng	99
18) Hexachloroethane	7.29	117	72494	22.37	ng	# 87
19) n-Nitroso-di-n-propylamine	7.20	70	162535	26.24	ng	89
20) 3+4-Methylphenols	7.19	107	224389	29.88	ng	# 67
22) Acetophenone	7.19	105	291612	26.99	ng	# 87
24) Nitrobenzene	7.36	77	222721	26.01	ng	# 82
25) Isophorone	7.60	82	415880	26.43	ng	96
26) 2-Nitrophenol	7.68	139	114437	32.59	ng	91
27) 2,4-Dimethylphenol	7.72	122	211146	28.87	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	271716	26.54	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	171990	29.09	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	160181	24.69	ng	97
31) Naphthalene	8.08	128	551436	25.13	ng	99
32) Benzoic acid	7.80	122	55859	10.52	ng	91
33) 4-Chloroaniline	8.14	127	171772	17.59	ng	# 94
34) Hexachlorobutadiene	8.20	225	74222	21.37	ng	98
35) Caprolactam	8.49	113	63601m	31.68	ng	
36) 4-Chloro-3-methylphenol	8.62	107	197783	28.29	ng	93
37) 2-Methylnaphthalene	8.78	142	383470	27.14	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	135822	18.37	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	195994	54.02	ng	98

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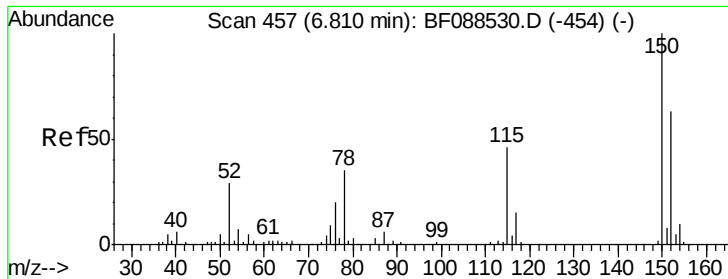
Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	125894	25.83	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	117906	28.12	nq #	83
45) 1,1'-Biphenyl	9.23	154	406685	22.10	nq	99
46) 2-Chloronaphthalene	9.26	162	321764	22.27	nq	97
47) 2-Nitroaniline	9.35	65	130240	25.40	nq	93
48) Acenaphthylene	9.67	152	533509	23.21	nq	99
49) Dimethylphthalate	9.54	163	600192	37.90	nq	100
50) 2,6-Dinitrotoluene	9.60	165	108409	30.89	nq #	69
51) Acenaphthene	9.85	154	386619m	27.44	nq	
52) 3-Nitroaniline	9.76	138	75140	16.84	nq	85
53) 2,4-Dinitrophenol	9.87	184	110140	71.08	nq	92
54) Dibenzofuran	10.02	168	487392	26.42	nq	99
55) 4-Nitrophenol	9.93	139	227467	67.09	nq	93
56) 2,4-Dinitrotoluene	10.00	165	127811	27.85	nq #	54
57) Fluorene	10.35	166	337323	23.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	105769	32.60	nq #	52
59) Diethylphthalate	10.24	149	438747	27.61	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	165125	25.00	nq	98
61) 4-Nitroaniline	10.38	138	108598	25.30	nq	87
62) Azobenzene	10.51	77	482909	26.64	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	64095	28.18	nq #	56
65) n-Nitrosodiphenylamine	10.47	169	331548	23.03	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	96594	22.54	nq #	89
67) Hexachlorobenzene	10.90	284	96377	20.31	nq	99
68) Atrazine	11.00	200	122285	27.26	nq	97
69) Pentachlorophenol	11.10	266	164261	58.50	nq	97
70) Phenanthrene	11.31	178	525619	22.61	nq	99
71) Anthracene	11.36	178	496028	21.46	nq	99
72) Carbazole	11.52	167	569264	26.16	nq	99
73) Di-n-butylphthalate	11.86	149	609960	24.10	nq	98
74) Fluoranthene	12.49	202	485467	20.60	nq	98
76) Benzidine	12.62	184	315024	21.38	nq	99
77) Pyrene	12.72	202	511485	20.70	nq	99
79) Butylbenzylphthalate	13.35	149	243477	22.09	nq #	87
80) Benzo(a)anthracene	13.90	228	398398	21.23	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	135716	19.23	nq #	99
82) Chrysene	13.94	228	404997	21.81	nq	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	322889	25.66	nq	99
84) Di-n-octyl phthalate	14.51	149	554251	25.92	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	290116	20.31	nq #	100
87) Benzo(b)fluoranthene	14.91	252	376671m	22.52	nq	
88) Benzo(k)fluoranthene	14.94	252	275171m	18.89	nq	
89) Benzo(a)pyrene	15.25	252	294983m	20.83	nq	
90) Dibenzo(a,h)anthracene	16.65	278	250067	21.14	nq #	93
91) Benzo(g,h,i)perylene	17.03	276	234530	19.16	nq	97

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



#1

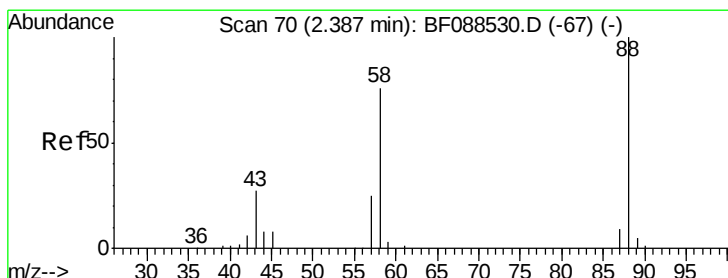
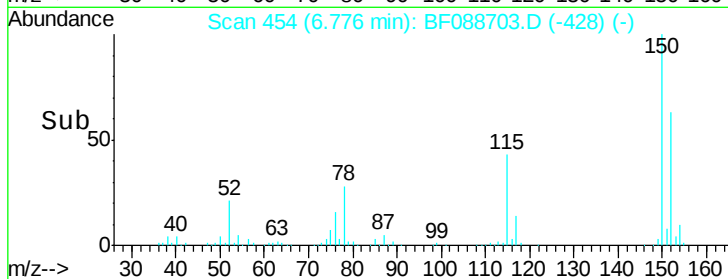
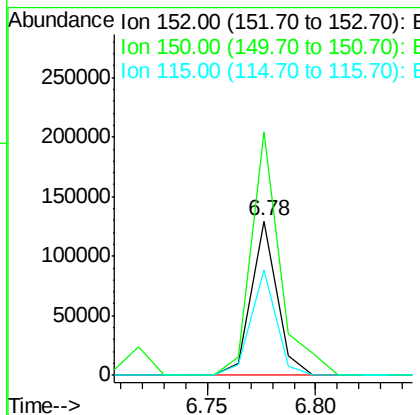
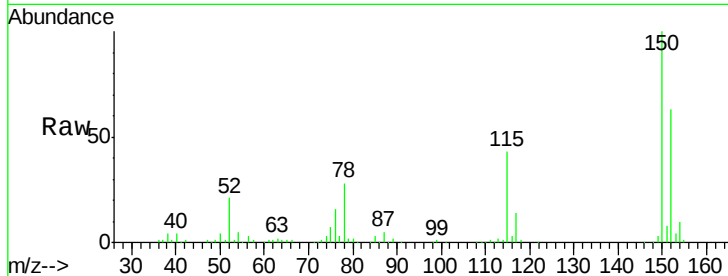
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.8	185.6
115	68.5	39.6	59.4

Manual Integrations

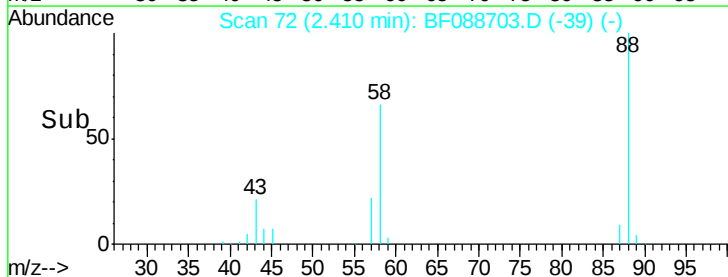
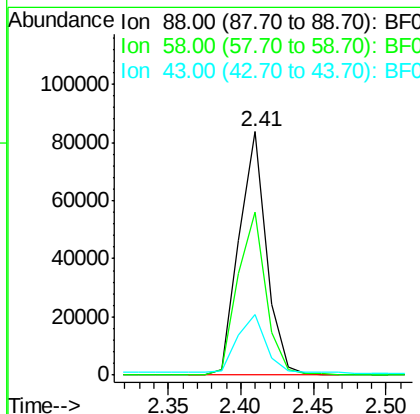
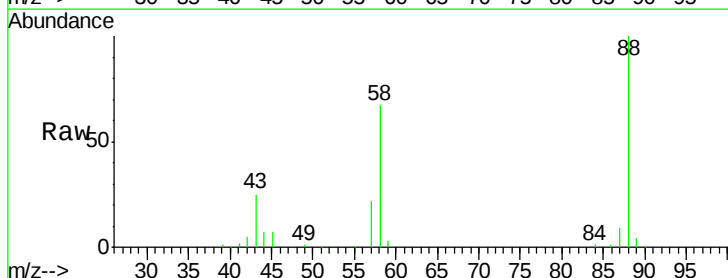
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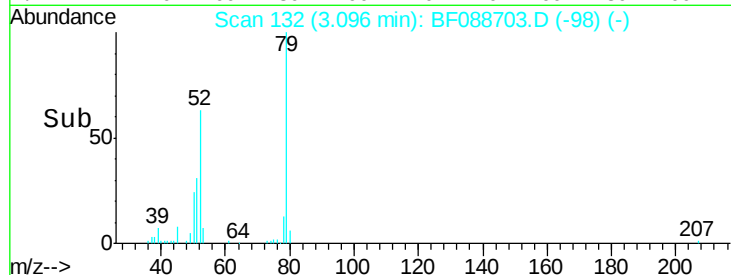
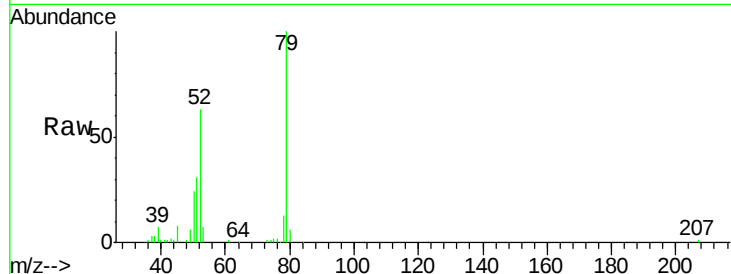
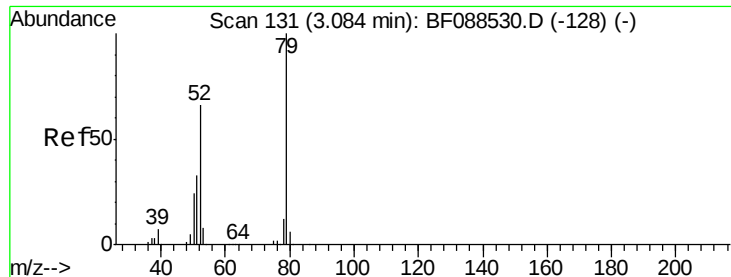


#2

1,4-Dioxane
Concen: 30.92 ng
RT: 2.41 min Scan# 72
Delta R.T. 0.08 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	0.0	0.0
43	26.5	3.4	5.2





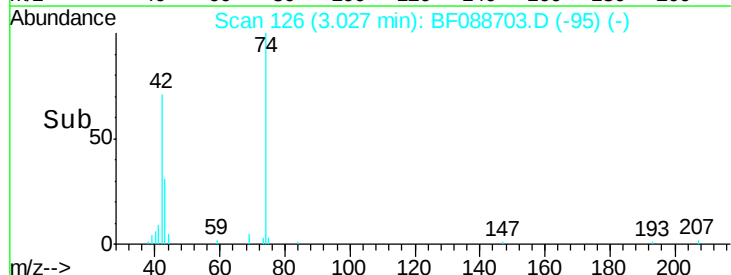
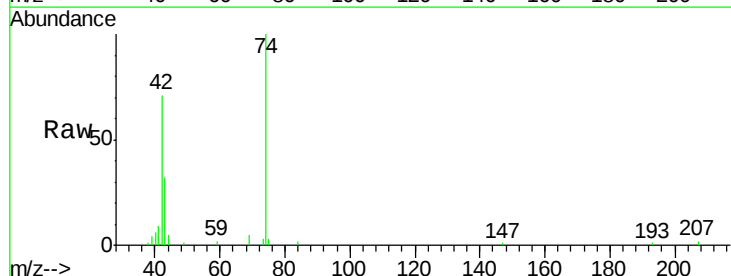
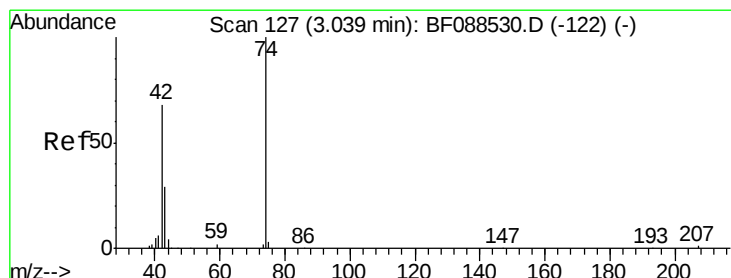
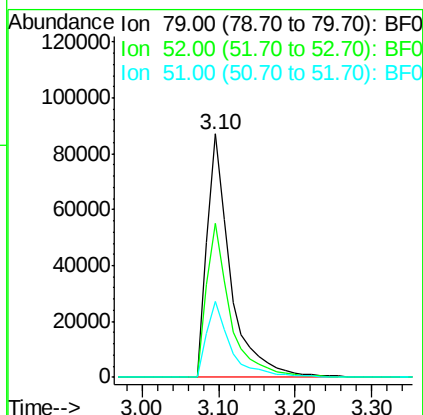
#3
Pvridine
Concen: 17.96 ng
RT: 3.10 min Scan# 132
Delta R.T. 0.09 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.4	56.3	84.5
51	31.0	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

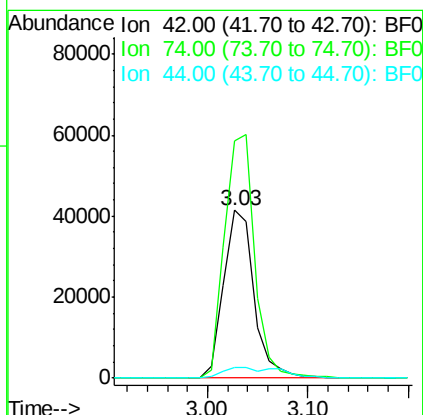
Manual Integrations

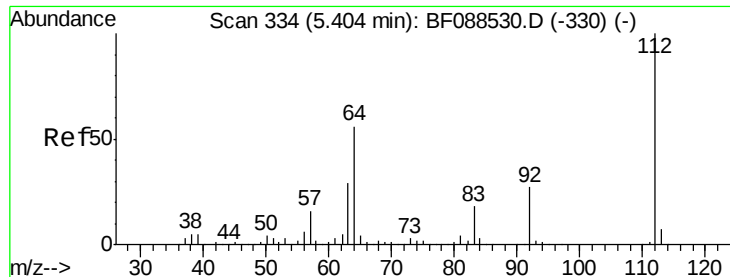
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#4
n-Nitrosodimethylamine
Concen: 22.19 ng
RT: 3.03 min Scan# 126
Delta R.T. 0.06 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.0	108.6	163.0
44	6.4	5.5	8.3





#5

2-Fluorophenol

Concen: 110.13 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088703.D

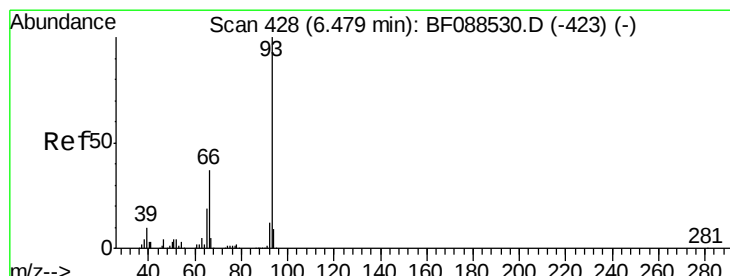
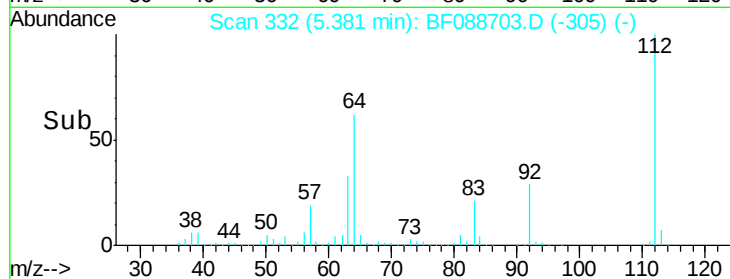
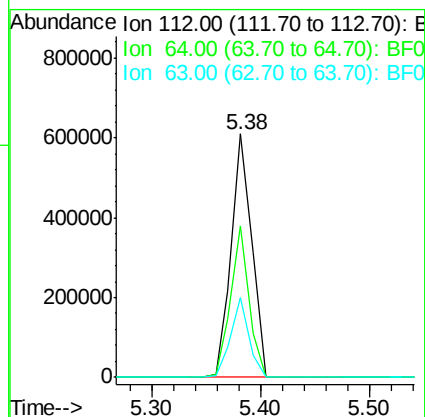
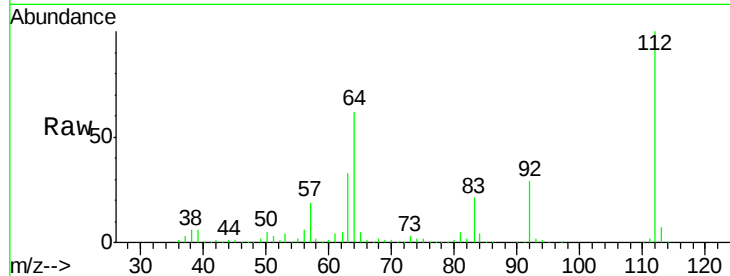
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		785817		
64	62.3	42.2	63.2		
63	32.7	21.8	32.8		

Manual Integrations

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#6

Aniline

Concen: 16.78 ng

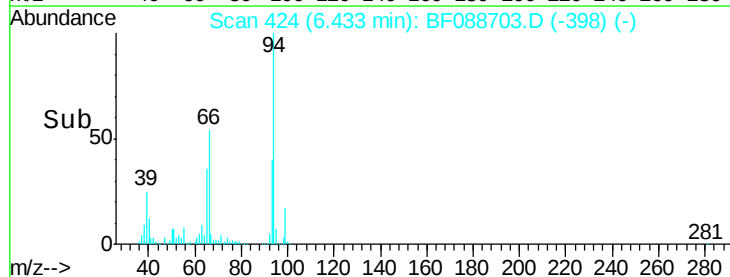
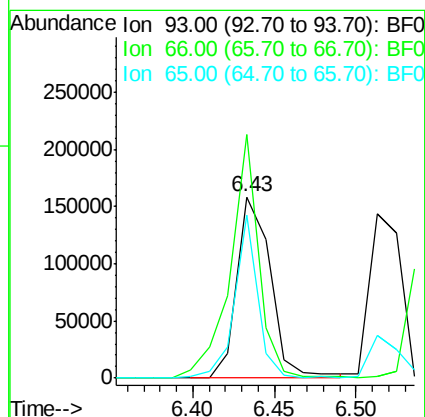
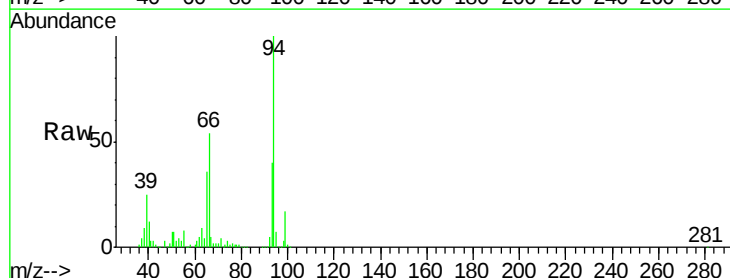
RT: 6.43 min Scan# 424

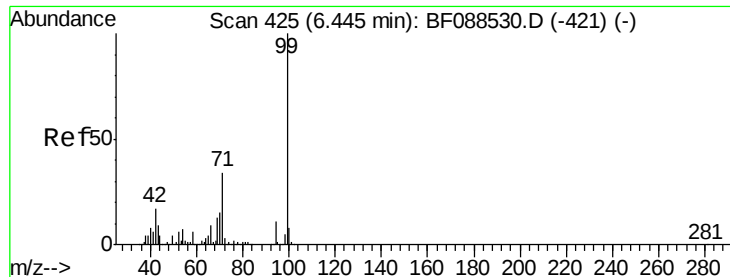
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		225466		
66	134.4	29.8	44.8#		
65	89.9	14.9	22.3#		





#7

Phenol-d6

Concen: 113.39 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMSD

Tot Ion: 99 Resp: 1045400

Ion Ratio Lower Upper

99 100

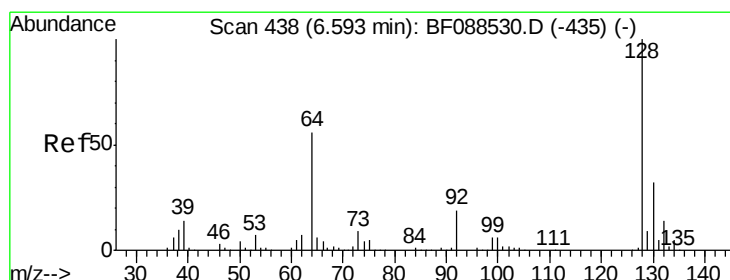
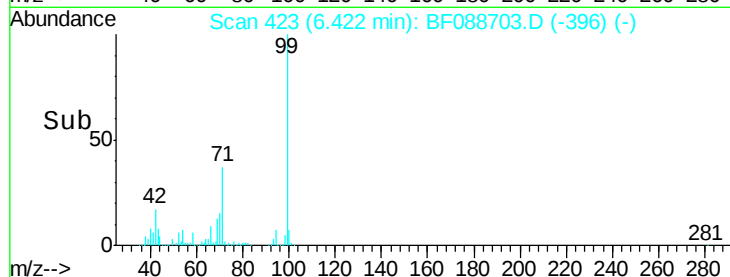
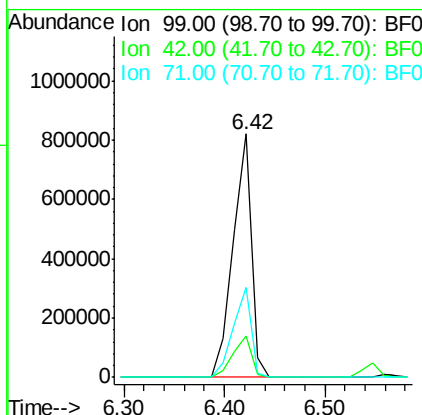
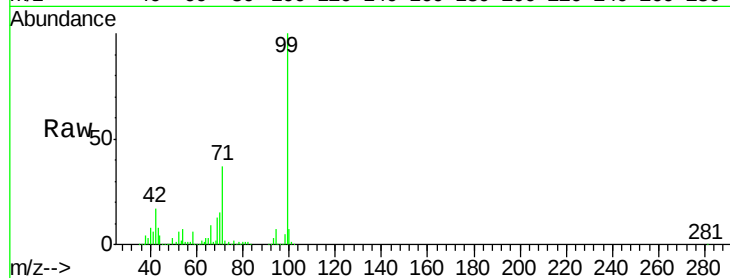
42 17.2 12.2 18.2

71 37.2 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 24.32 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

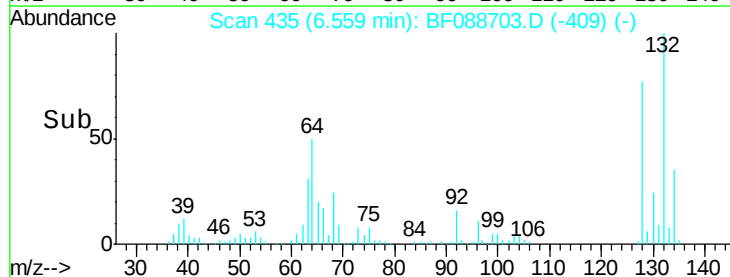
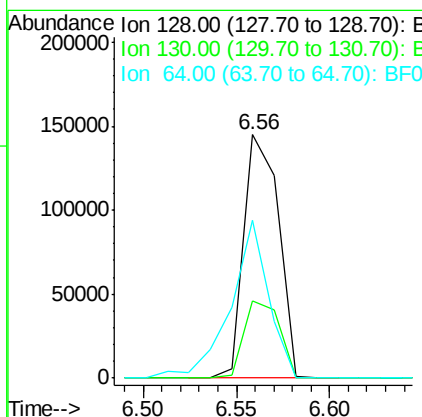
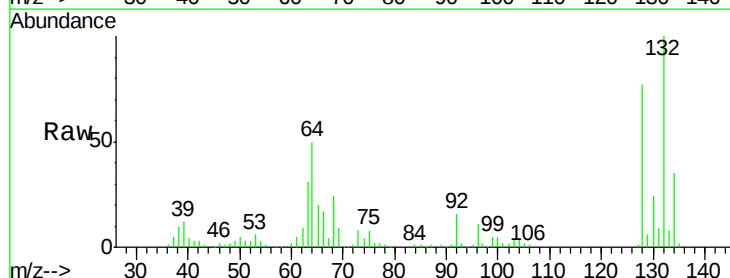
Tgt Ion:128 Resp: 186476

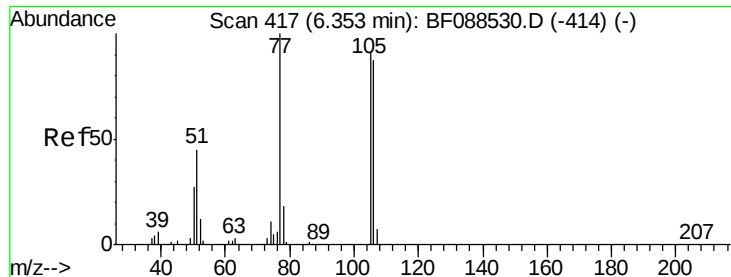
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 65.1 30.8 70.8





#9

Benzaldehyde

Concen: 23.53 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088703.D

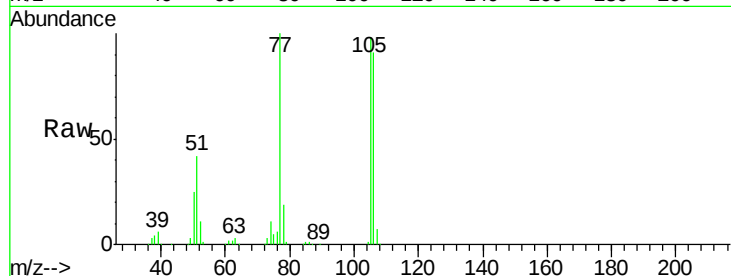
Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMSD

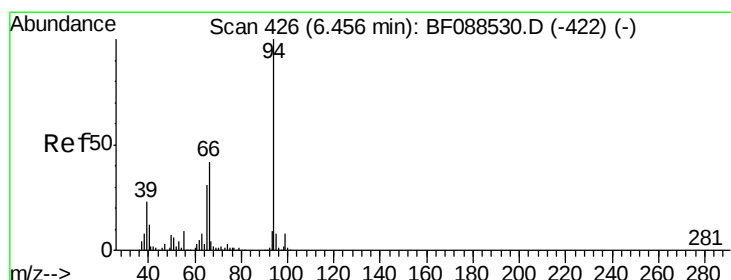
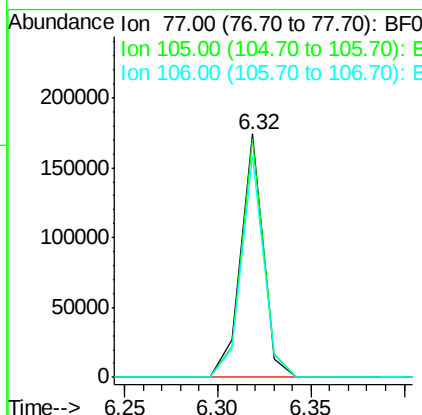
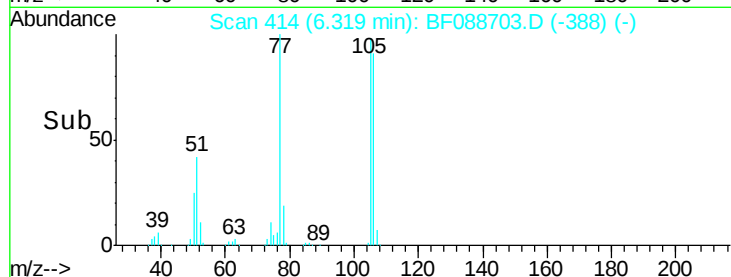


Tot Ion:	77	Resp:	146956
Ion	Ratio	Lower	Upper
77	100		
105	98.1	90.6	130.6
106	91.1	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 30.59 ng

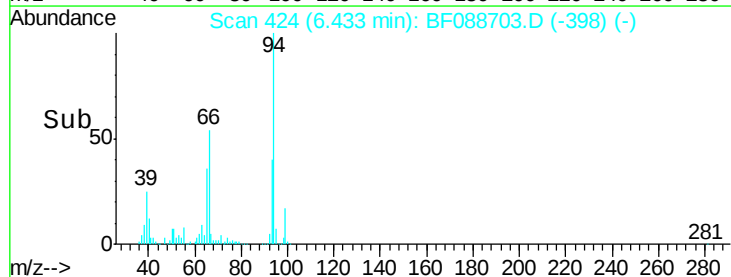
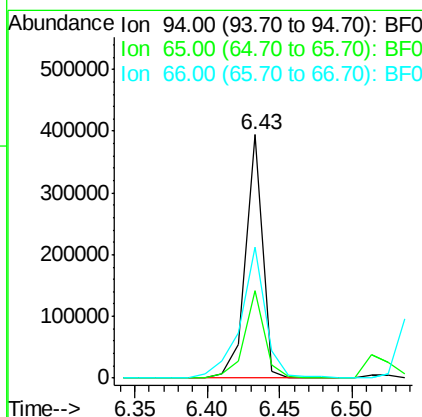
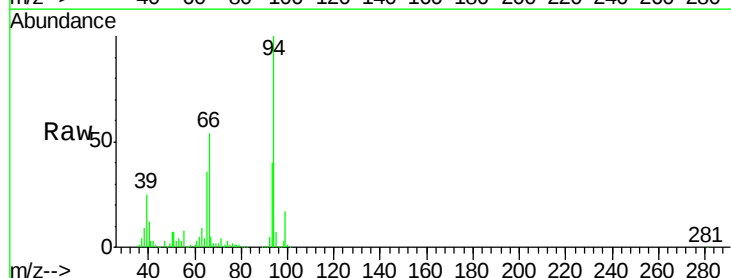
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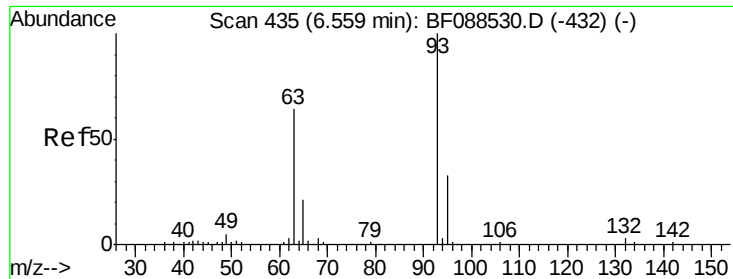
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	94	Resp:	321906
Ion	Ratio	Lower	Upper
94	100		
65	36.1	5.9	45.9
66	54.0	14.0	54.0#





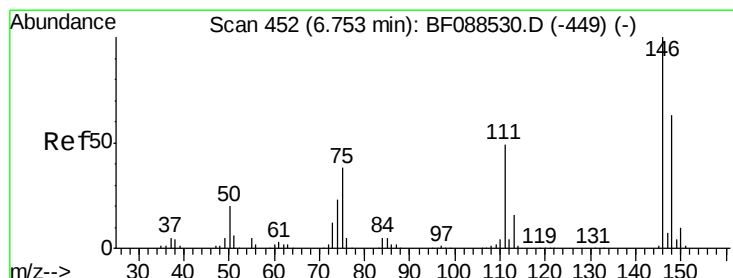
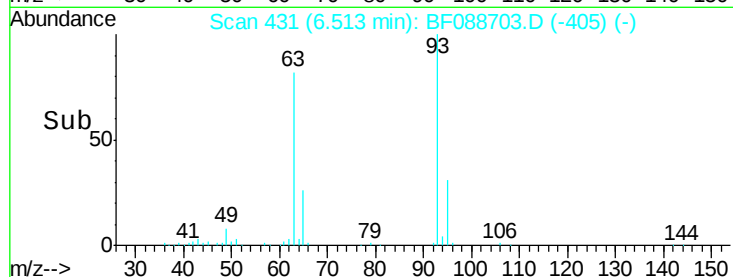
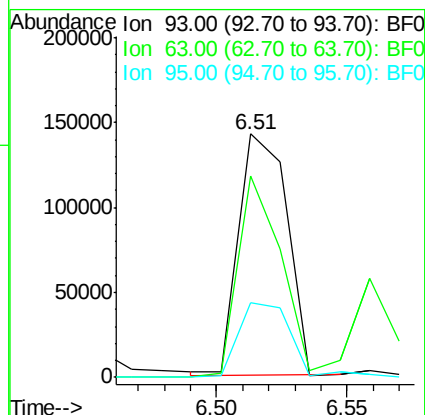
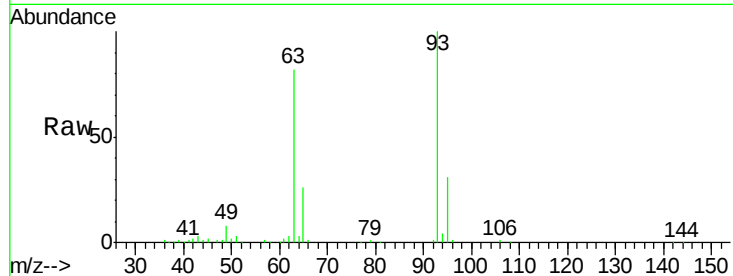
#11
bis(2-Chloroethyl)ether
Concen: 23.65 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion:	93	Resp:	185551
Ion	Ratio	Lower	Upper
93	100		
63	82.5	67.6	107.6
95	30.8	12.5	52.5

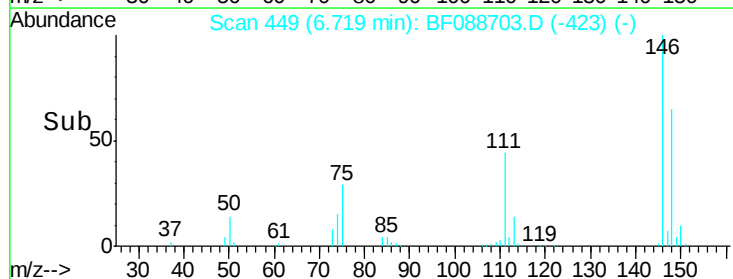
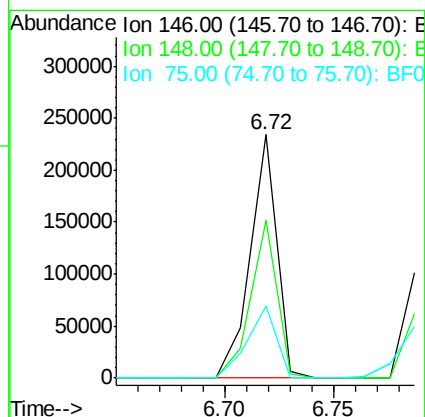
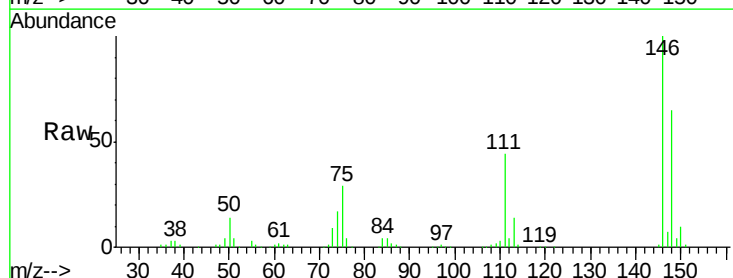
Manual Integrations

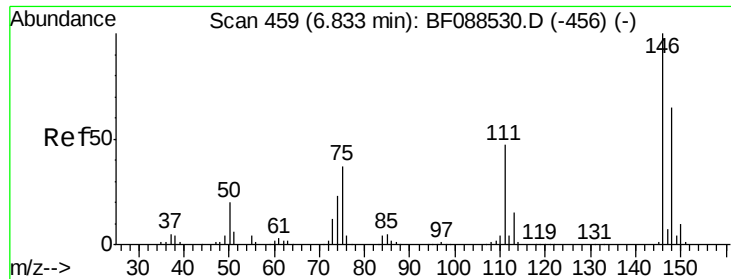
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#12
1,3-Dichlorobenzene
Concen: 23.42 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion:	146	Resp:	197655
Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.9	76.3
75	29.5	25.6	38.4





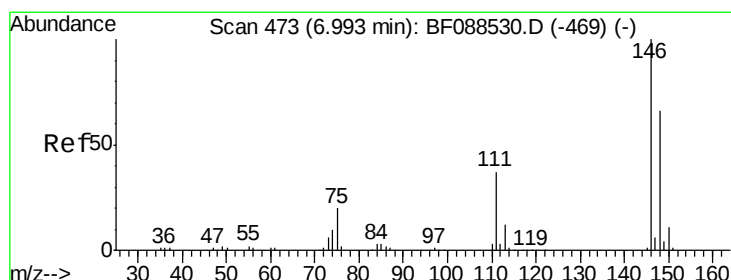
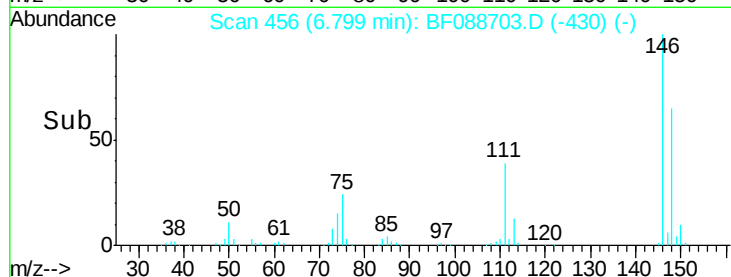
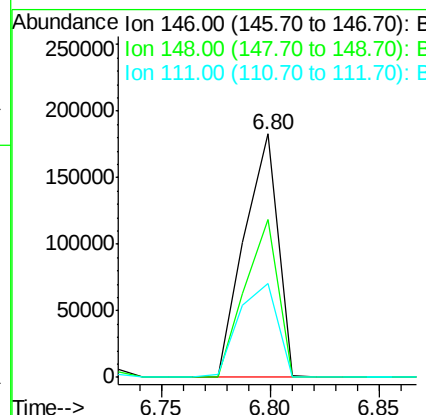
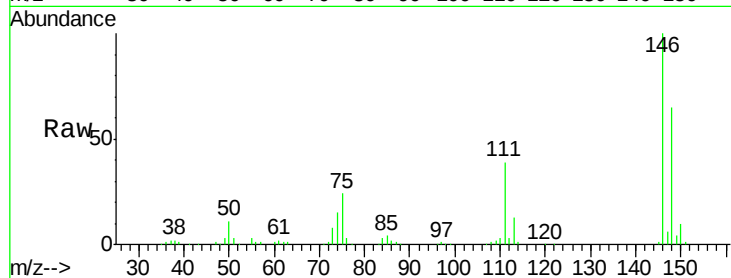
#13
 1,4-Dichlorobenzene
 Concen: 23.42 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		196193		
148	65.0	52.0	78.0		
111	38.5	33.8	50.8		

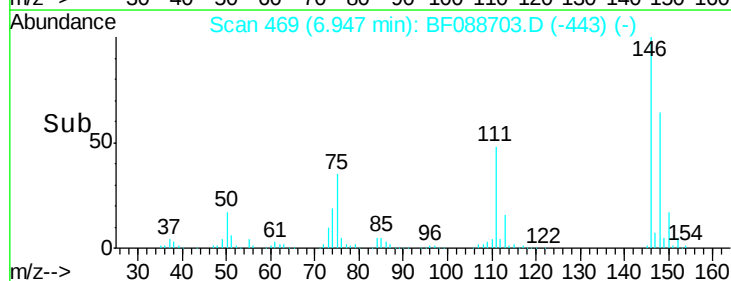
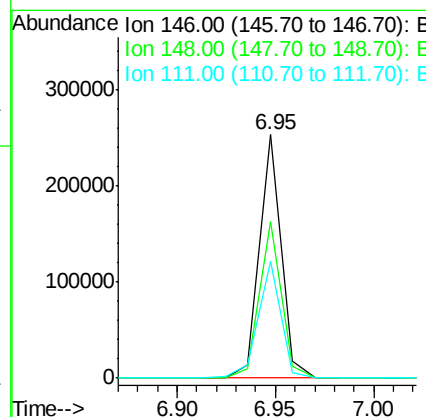
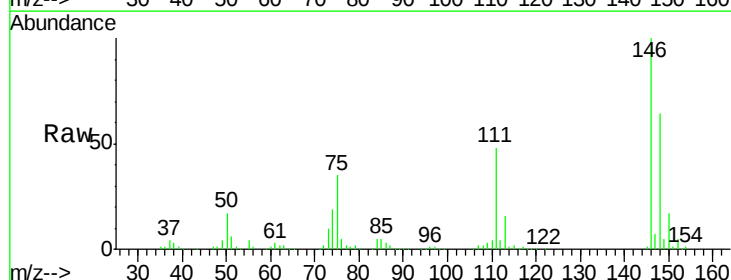
Manual Integrations

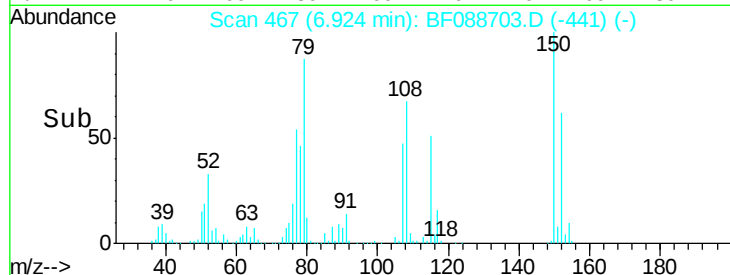
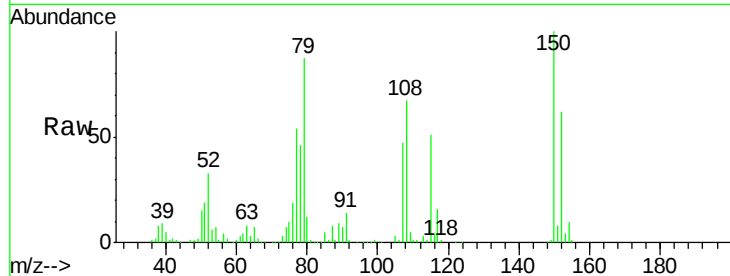
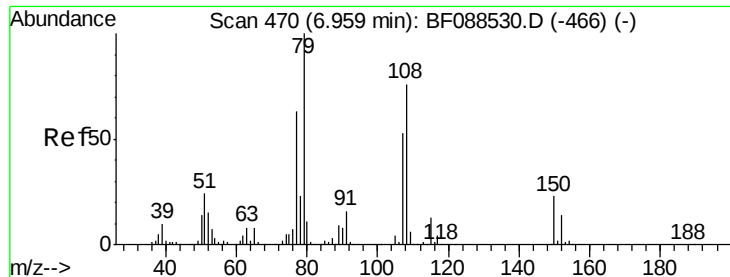
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#14
 1,2-Dichlorobenzene
 Concen: 24.94 ng m
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		195531		
148	64.1	52.3	78.5		
111	48.2	28.7	43.1		





#15

Benzyl Alcohol

Concen: 30.90 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tot Ion:	79	Resp:	209641
Ion Ratio	Lower	Upper	
79	100		
108	76.7	65.0	97.6
77	61.8	50.3	75.5

Instrument :

BNA_F

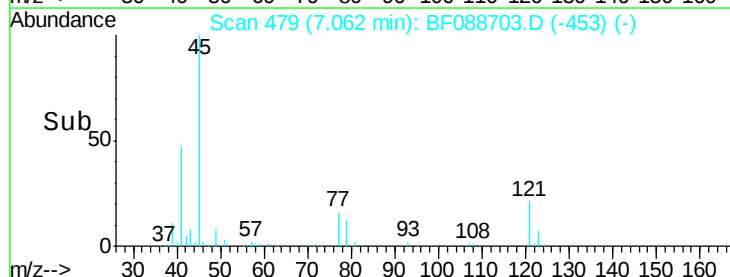
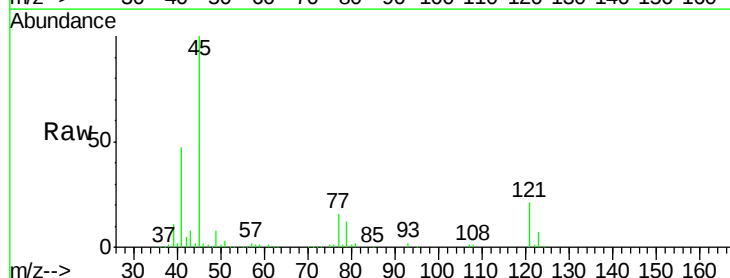
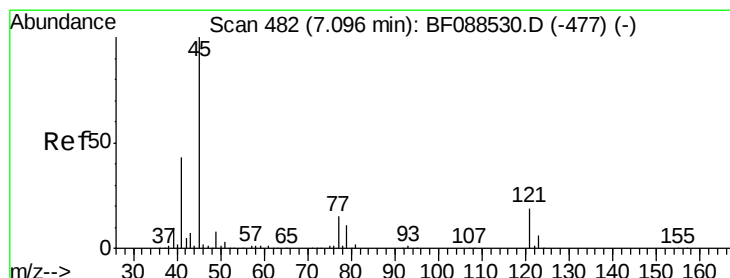
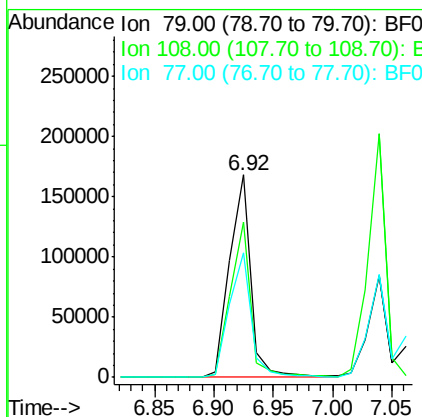
ClientSampleId :

BS-2C-8.5-9FTMSD

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.03 ng

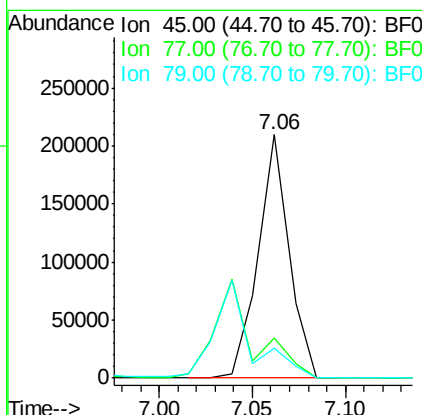
RT: 7.06 min Scan# 479

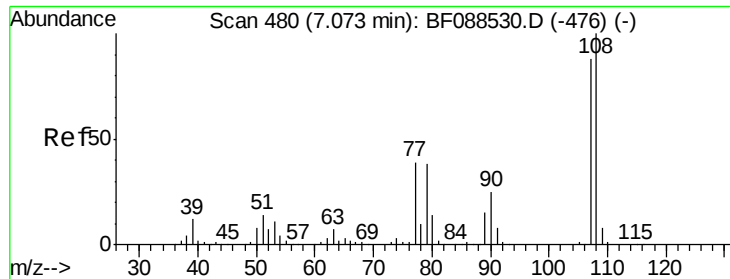
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	45	Resp:	238994
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	32.5
79	12.5	0.0	29.5





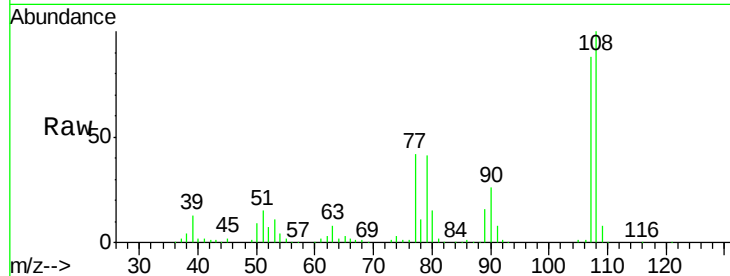
#17
2-Methylphenol
Concen: 29.12 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

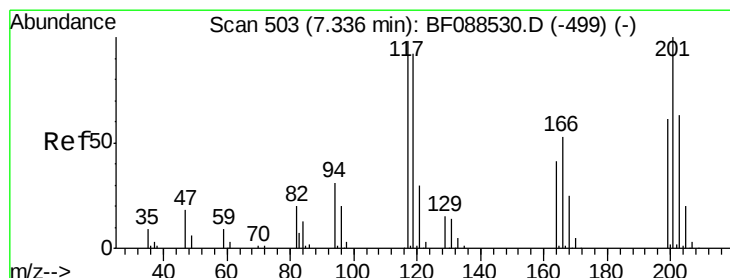
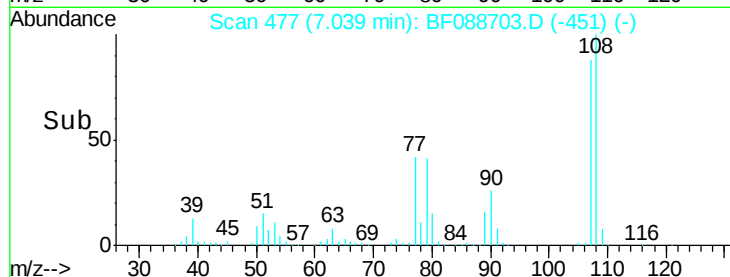
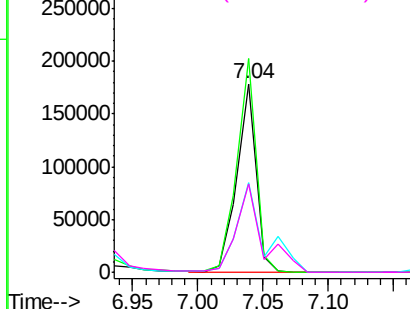
Tot Ion	107	Resp	182153
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	47.7	36.6	55.0
79	47.0	36.5	54.7

Manual Integrations

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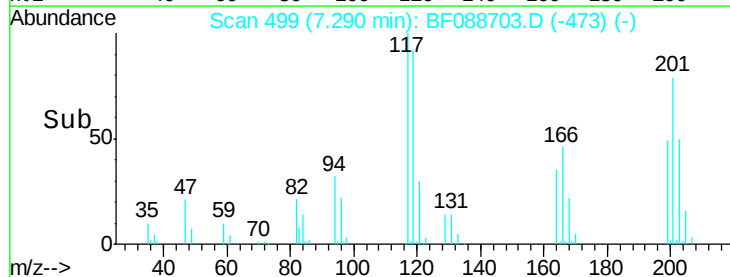
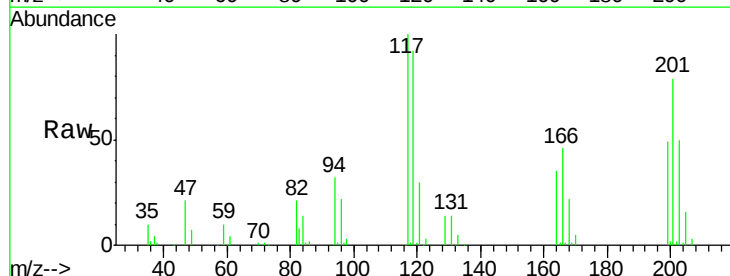
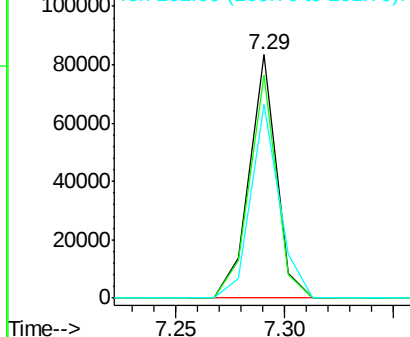
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

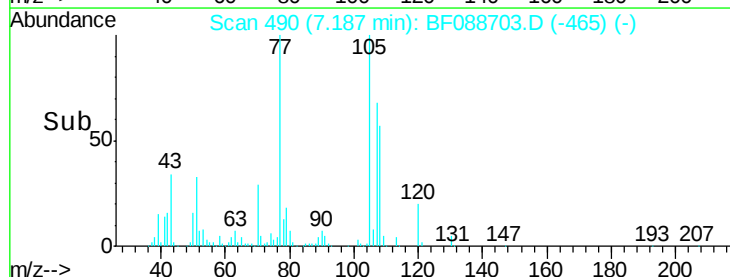
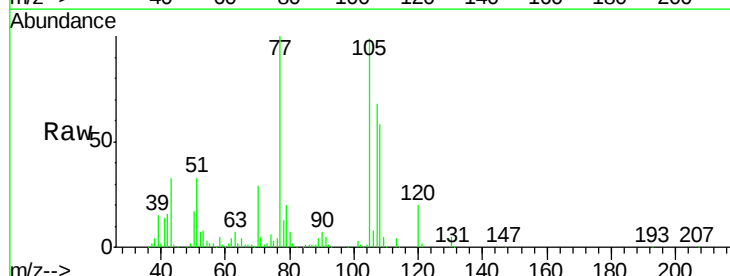
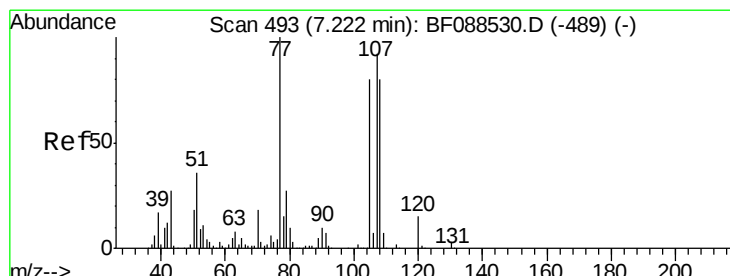
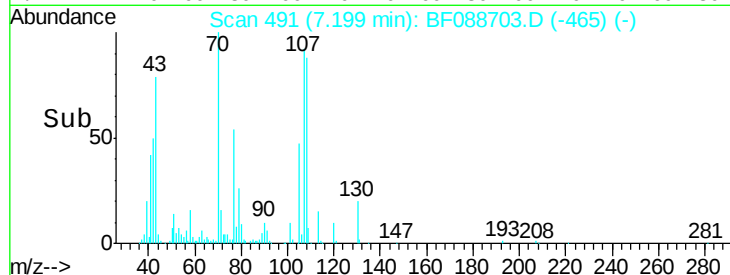
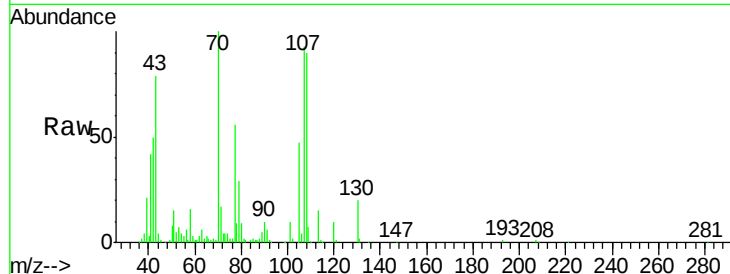
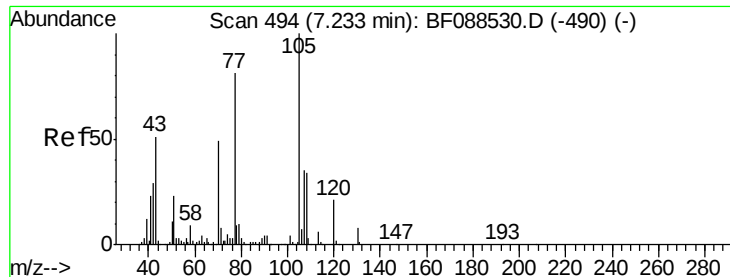


#18
Hexachloroethane
Concen: 22.37 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	117	Resp	72494
Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.4	116.2
201	79.4	80.4	120.6#

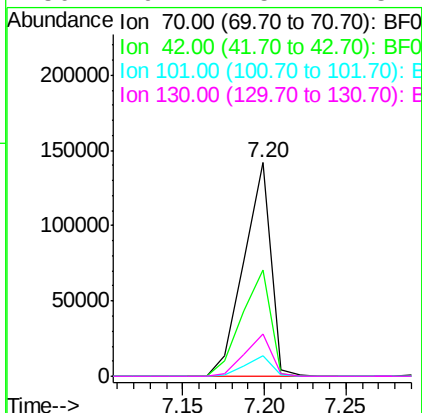
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 26.24 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.9	49.6	74.4	
101	9.5	7.1	10.7	
130	20.1	15.4	23.2	



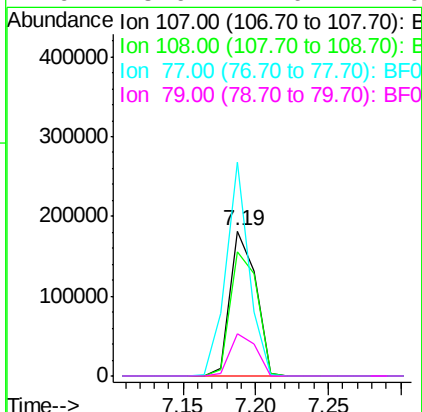
Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

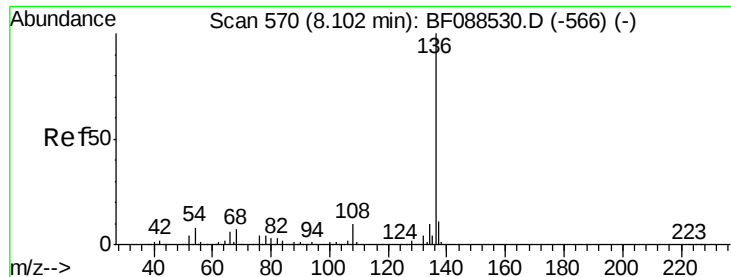
Manual Integrations

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#20
3+4-Methylphenols
Concen: 29.88 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	67.8	107.8	
77	147.4	59.3	99.3#	
79	28.9	7.0	47.0	





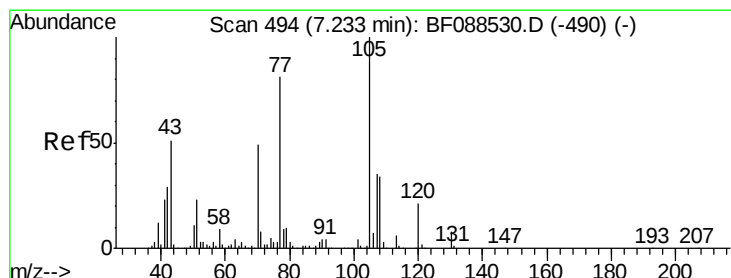
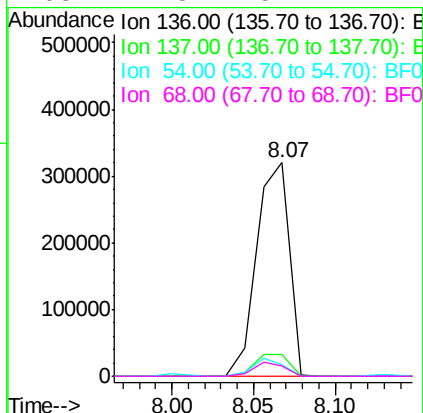
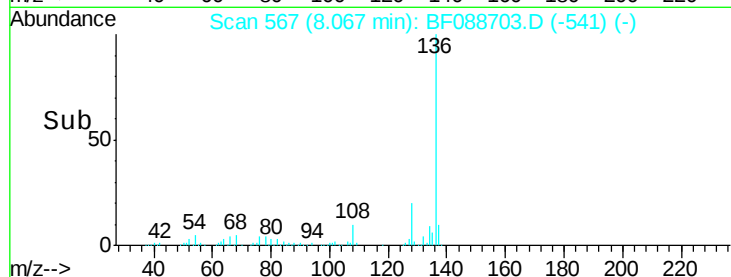
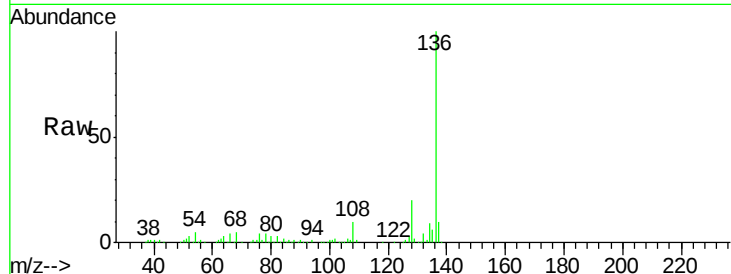
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	445116		
137	10.5	9.1	13.7	
54	5.4	6.6	10.0	
68	4.8	5.1	7.7	

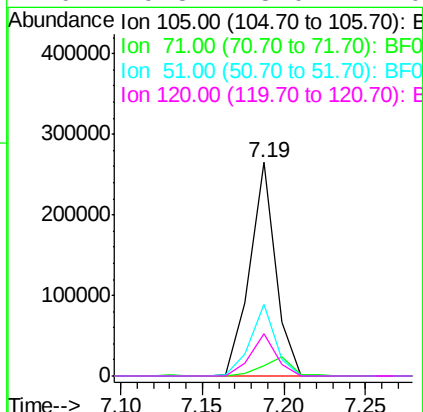
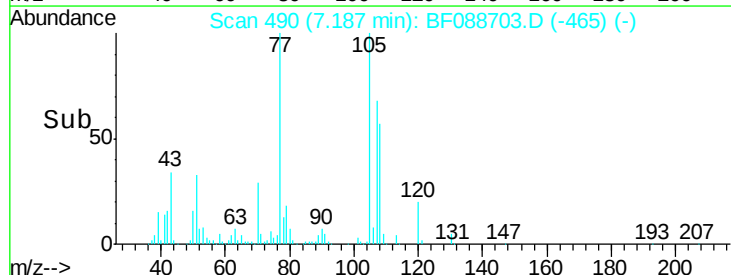
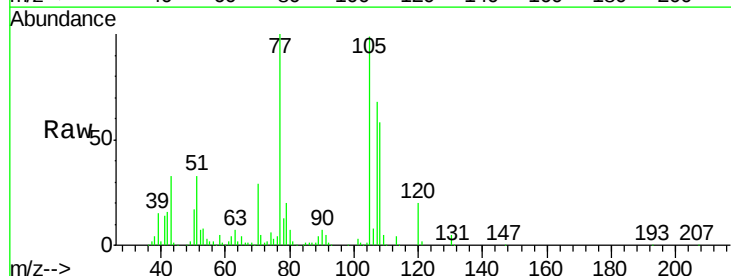
Manual Integrations

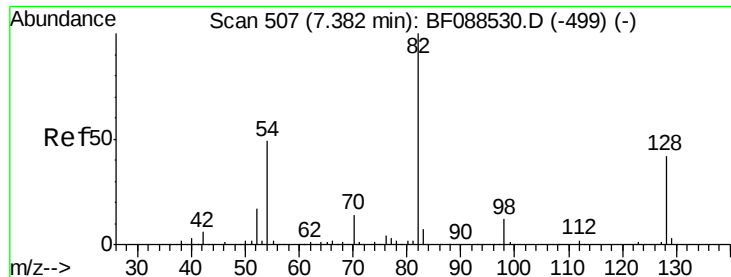
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#22
Acetophenone
Concen: 26.99 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291612		
71	4.9	5.3	7.9	
51	33.7	18.2	27.4	
120	19.8	18.0	27.0	





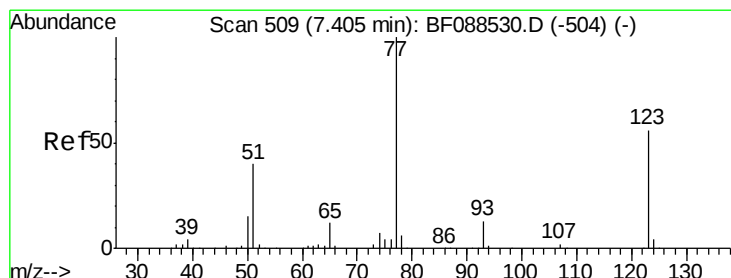
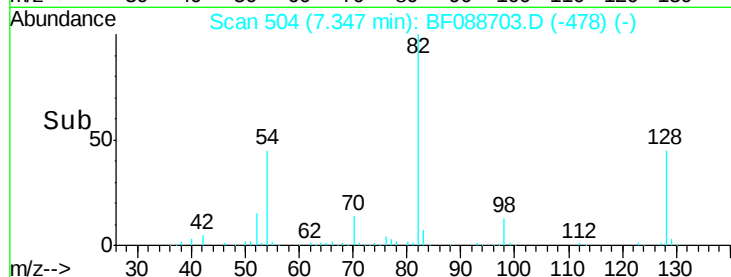
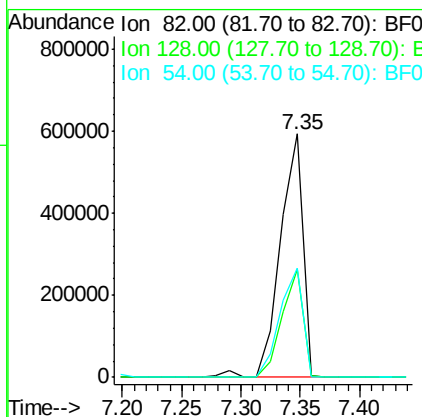
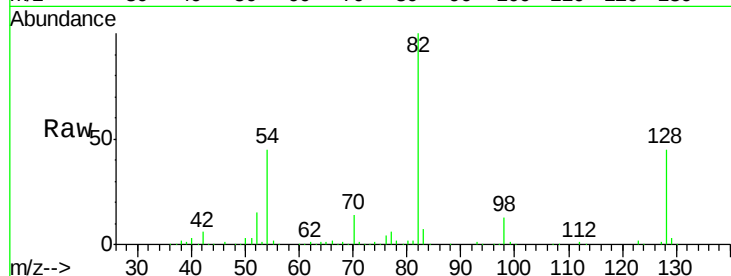
#23
Nitrobenzene-d5
Concen: 91.42 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.9	53.9
54	45.1	40.9	61.3

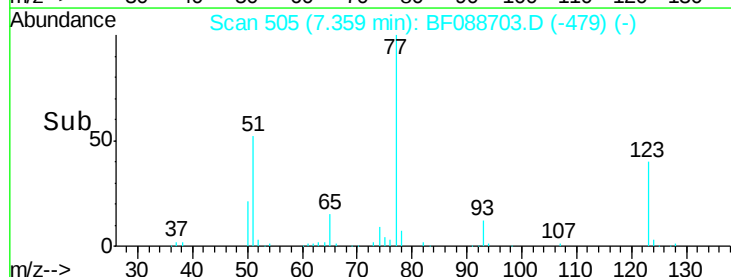
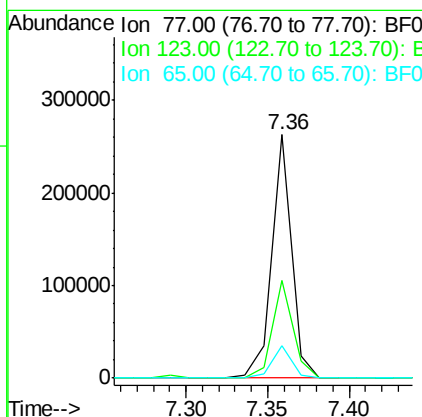
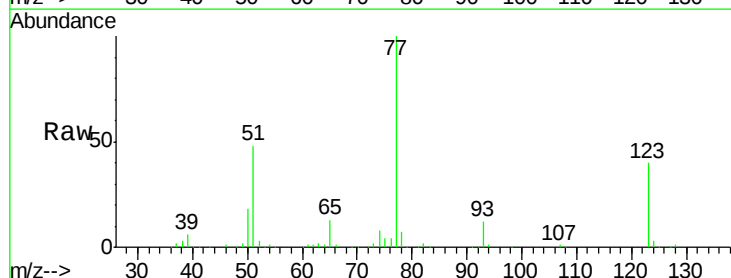
Manual Integrations

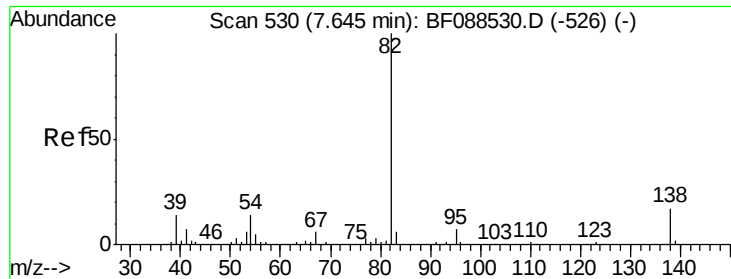
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#24
Nitrobenzene
Concen: 26.01 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	45.0	67.4#
65	13.1	10.2	15.2





#25

Isophorone

Concen: 26.43 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

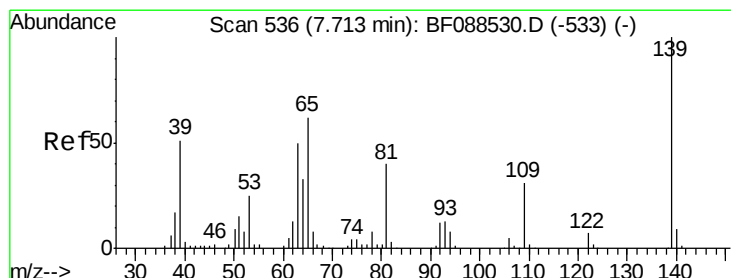
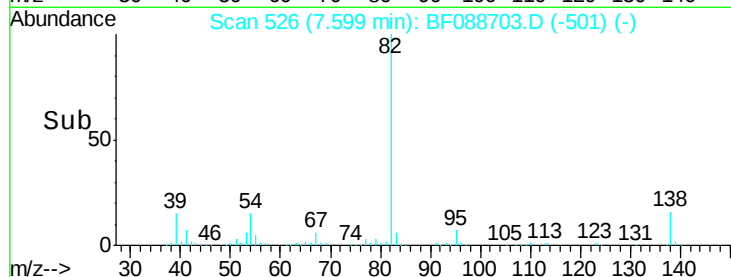
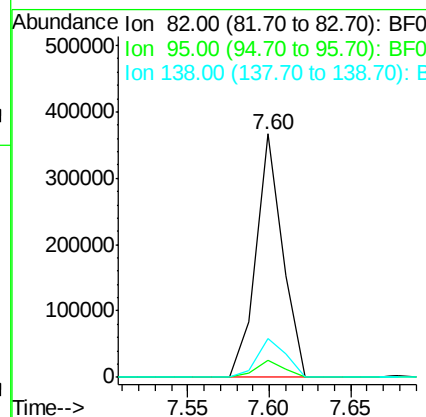
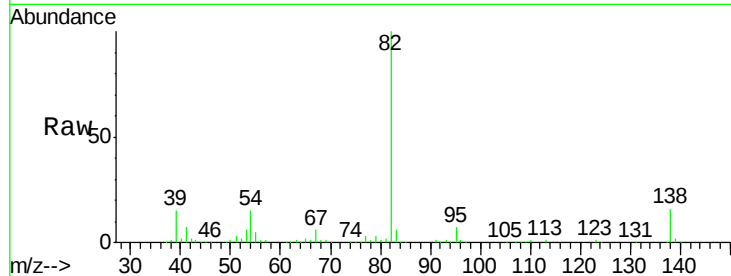
BS-2C-8.5-9FTMSD

Tot Ion:	82	Resp:	415880
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	15.8	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 32.59 ng

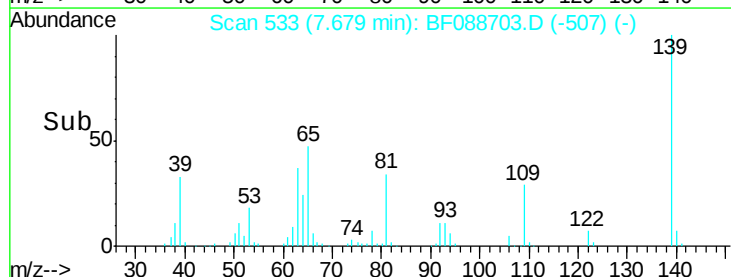
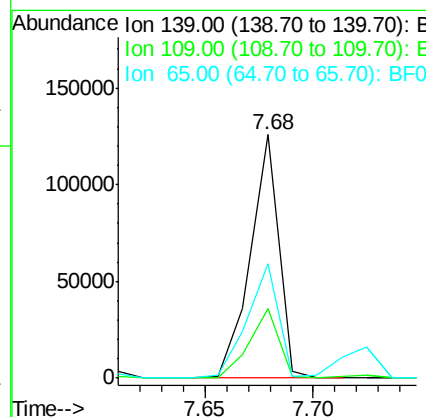
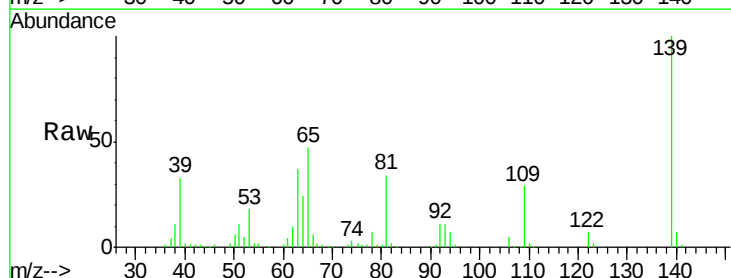
RT: 7.68 min Scan# 533

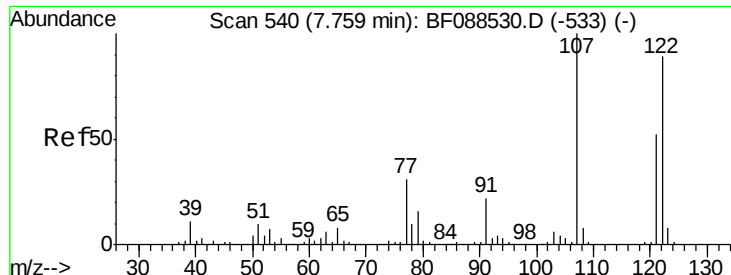
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	139	Resp:	114437
Ion Ratio	Lower	Upper	
139	100		
109	28.8	23.0	34.4
65	47.1	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 28.87 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

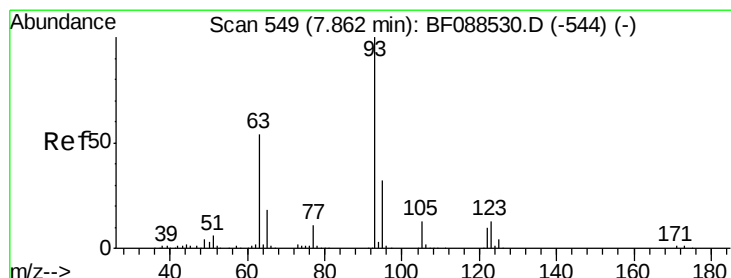
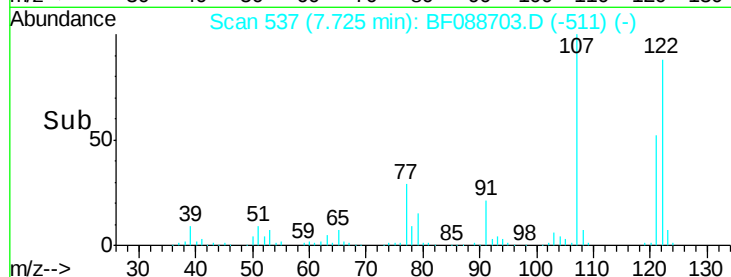
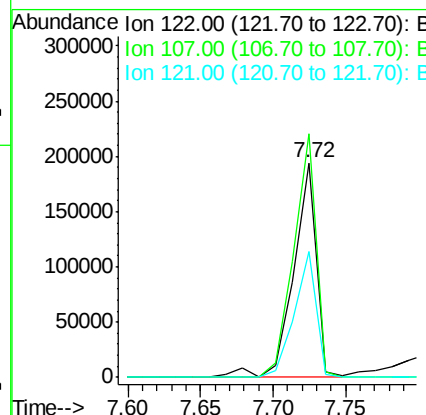
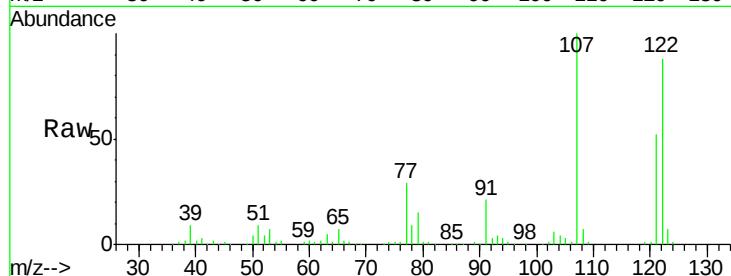
BS-2C-8.5-9FTMSD

Tot Ion:	122	Resp:	211146
Ion Ratio	Lower	Upper	
122	100		
107	113.6	82.4	123.6
121	58.9	46.3	69.5

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 26.54 ng

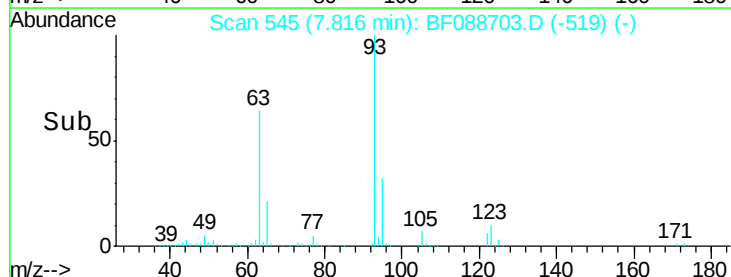
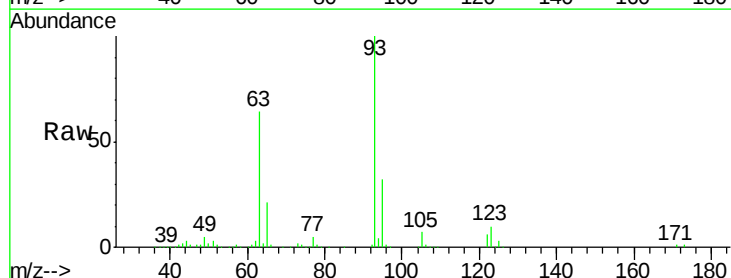
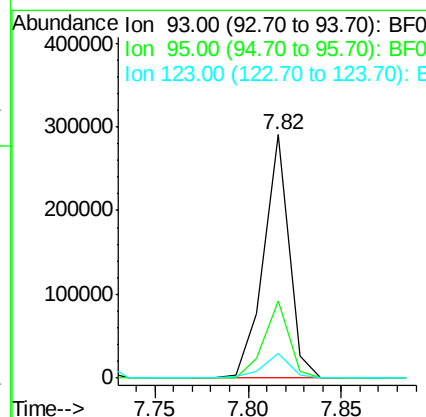
RT: 7.82 min Scan# 545

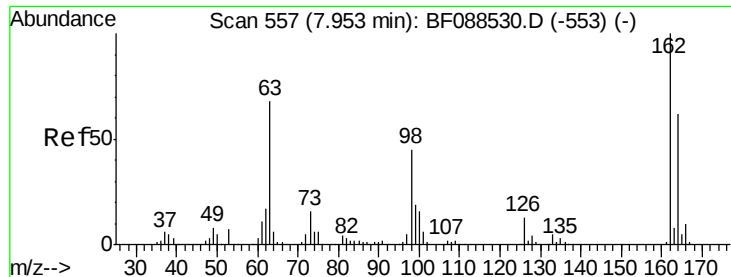
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	93	Resp:	271716
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.5	39.7
123	10.1	11.6	17.4#





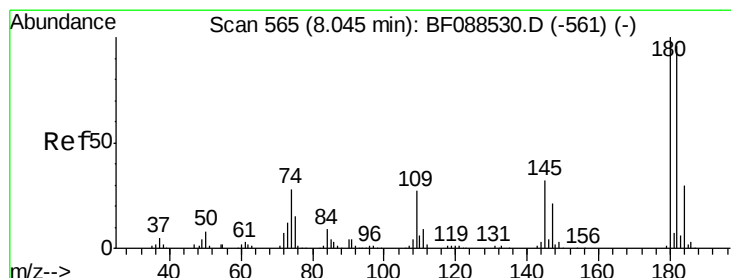
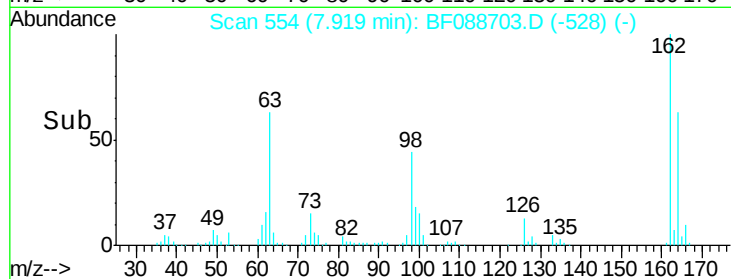
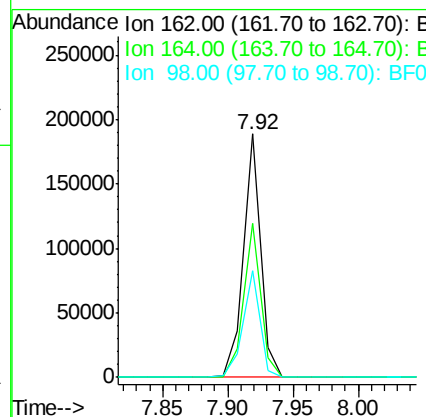
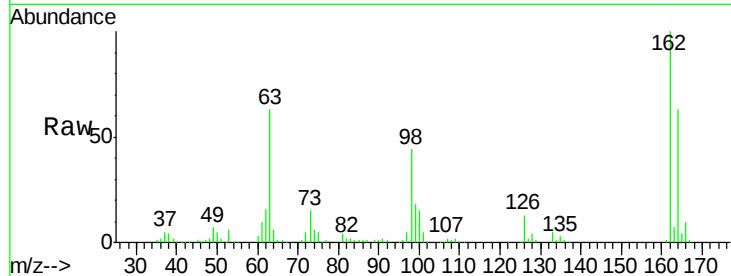
#29
2,4-Dichlorophenol
Concen: 29.09 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.8	83.8
98	43.6	21.3	61.3

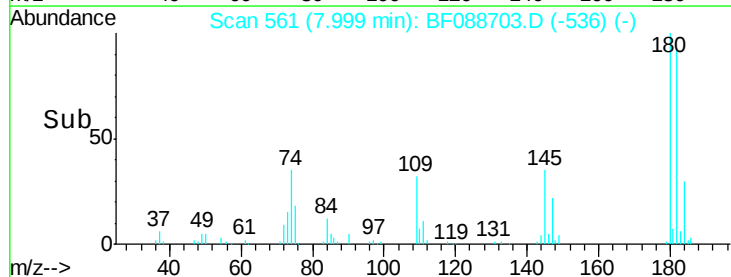
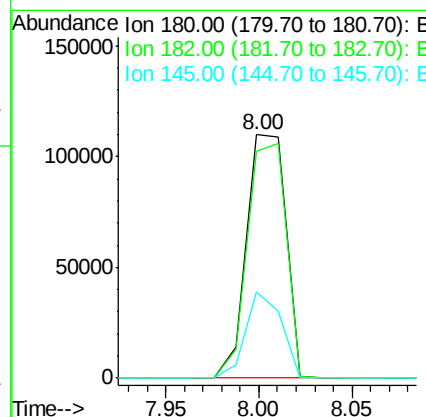
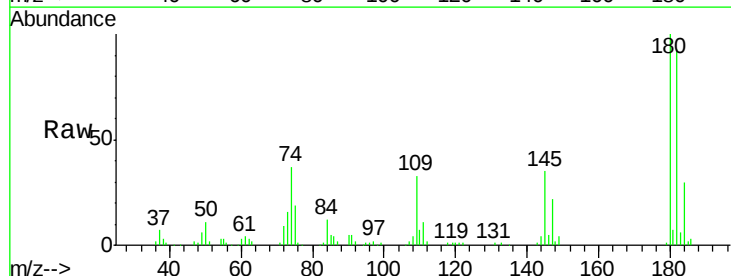
Manual Integrations

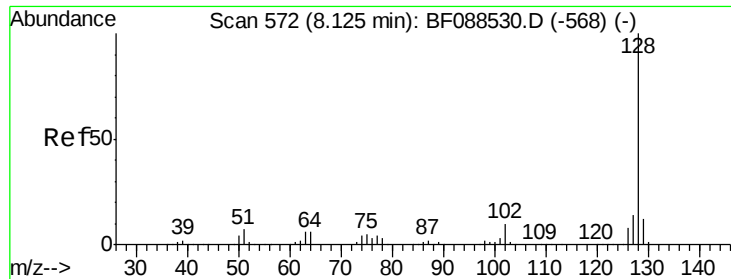
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#30
1,2,4-Trichlorobenzene
Concen: 24.69 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.0	114.0
145	35.4	26.5	39.7





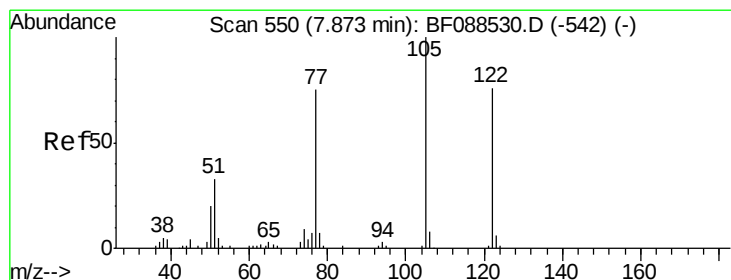
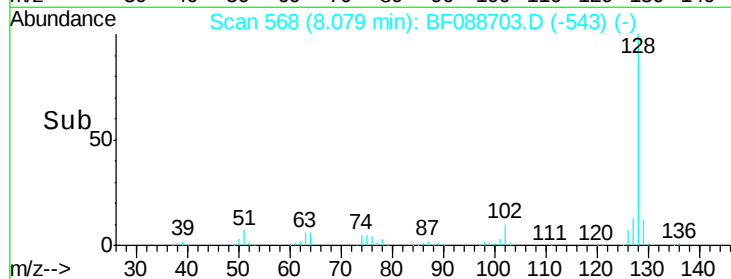
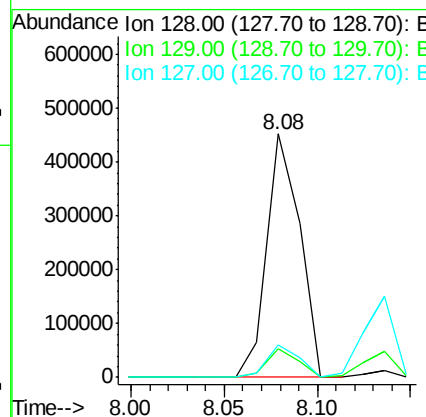
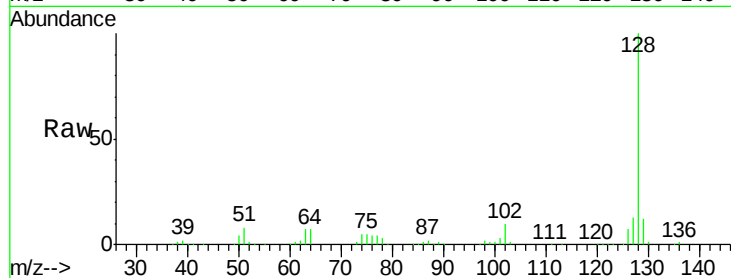
#31
Naphthalene
Concen: 25.13 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.3	10.9	16.3

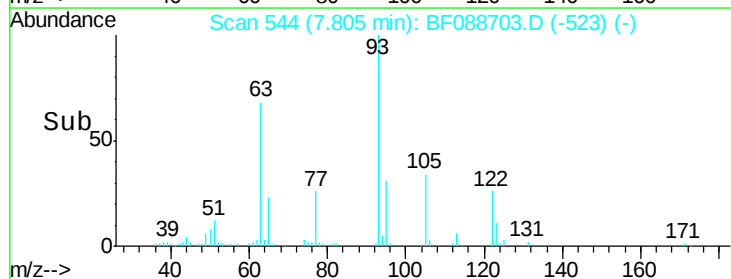
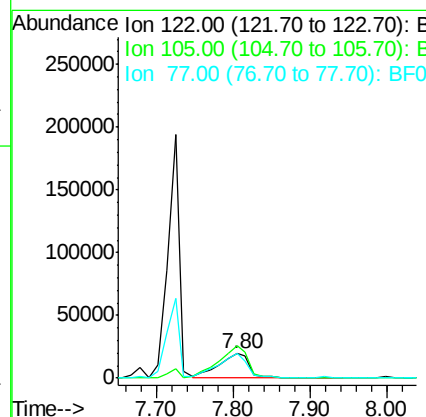
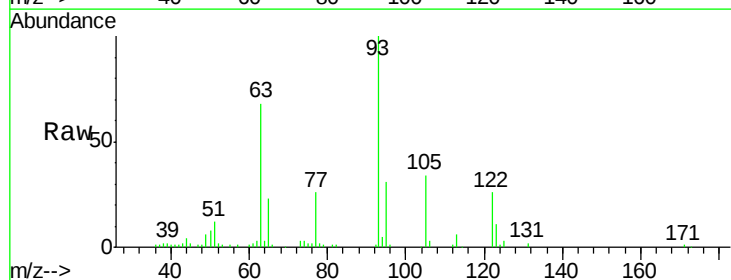
Manual Integrations

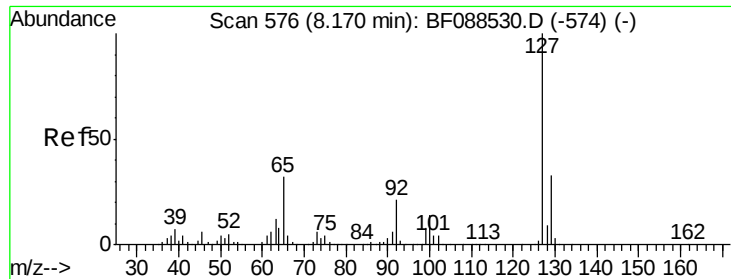
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#32
Benzoic acid
Concen: 10.52 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.06 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.6	101.6	141.6
77	100.0	70.6	110.6





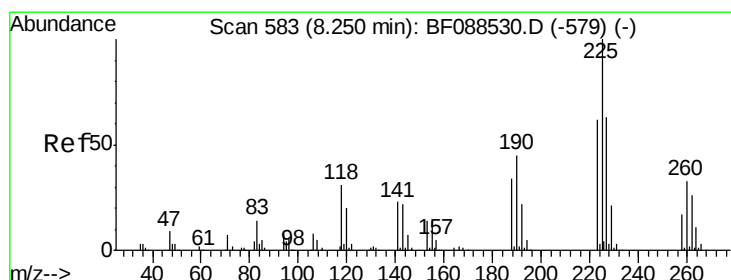
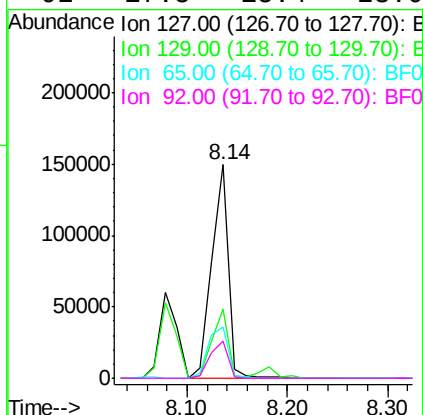
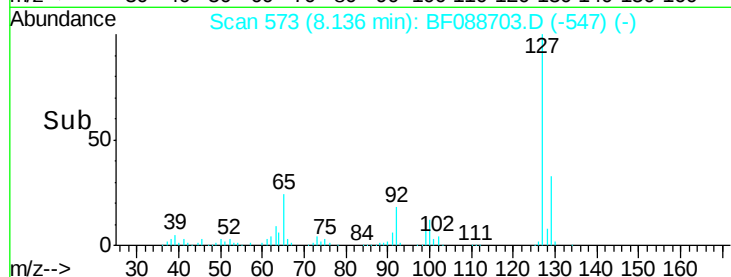
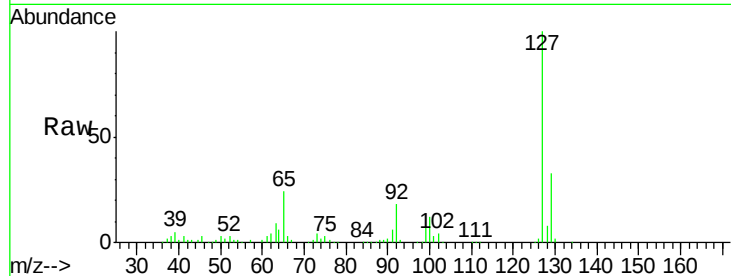
#33
4-Chloroaniline
Concen: 17.59 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		171772		
129	32.6	26.3	39.5		
65	24.1	24.7	37.1#		
92	17.5	15.4	23.0		

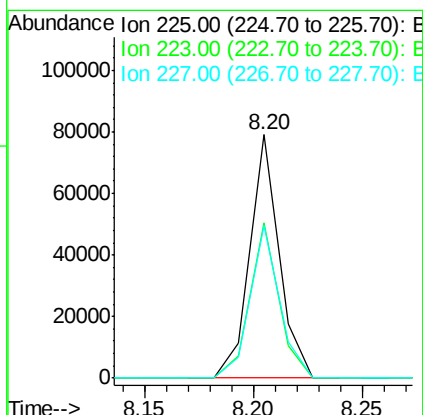
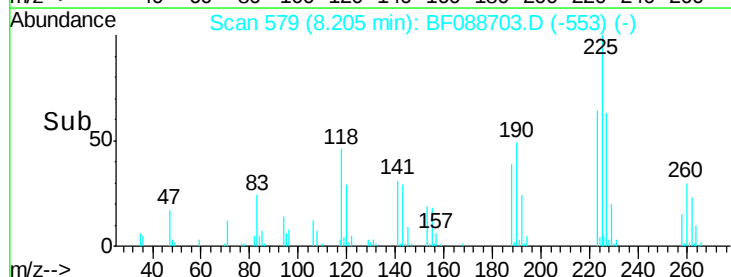
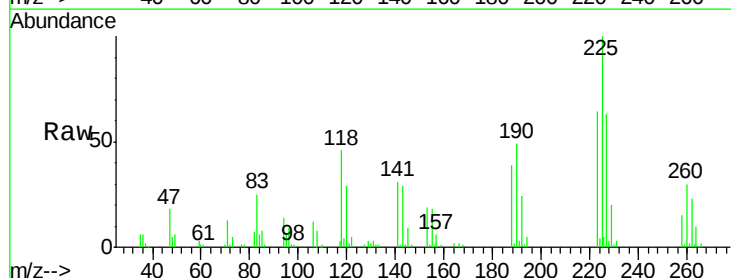
Manual Integrations

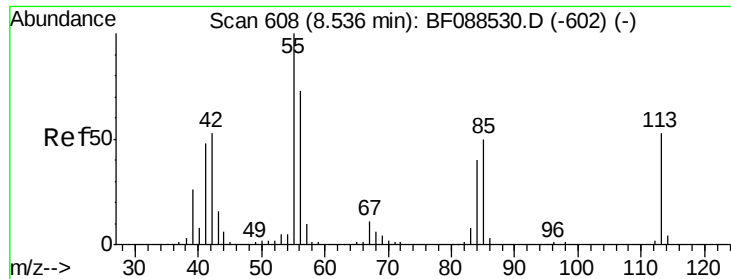
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#34
Hexachlorobutadiene
Concen: 21.37 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		74222		
223	64.0	50.9	76.3		
227	62.8	51.9	77.9		





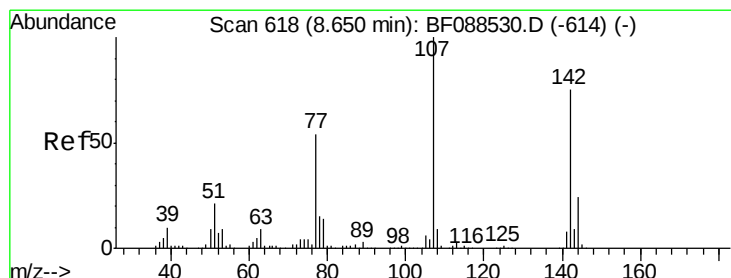
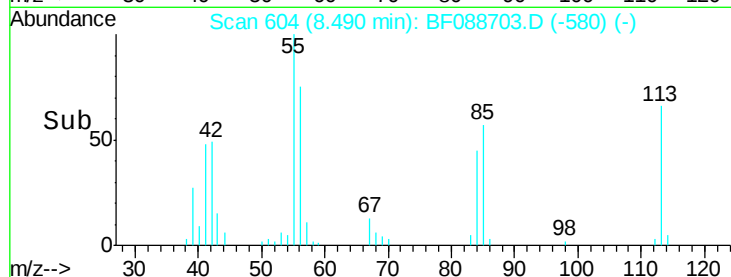
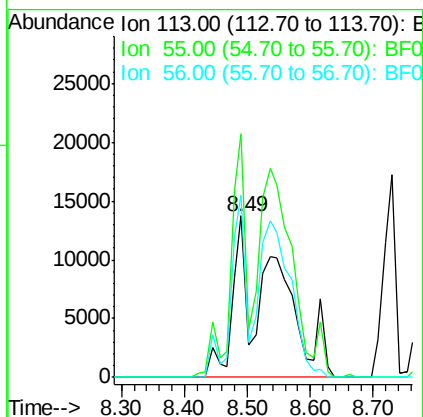
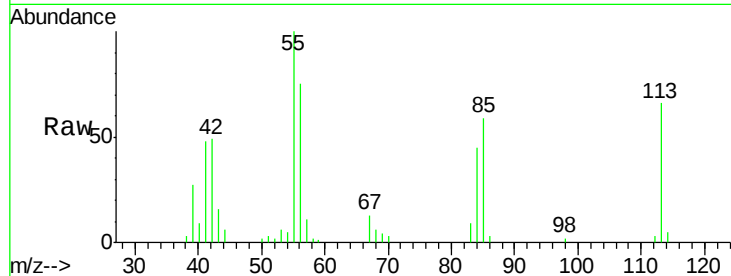
#35
 Caprolactam
 Concen: 31.68 ng/ml
 RT: 8.49 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion:113 Resp: 63601
 Ion Ratio Lower Upper
 113 100
 55 150.7 158.6 198.6#
 56 112.6 110.6 150.6

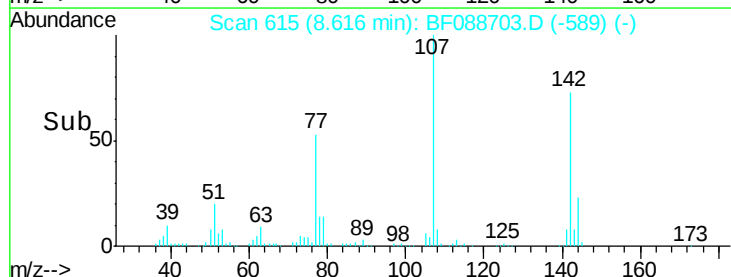
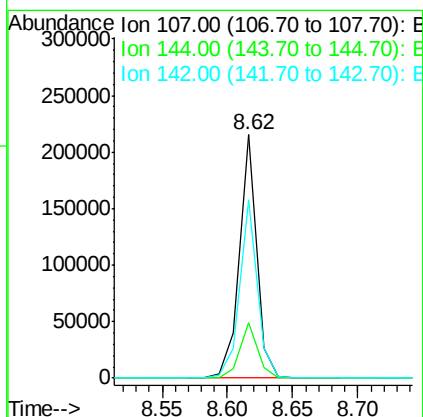
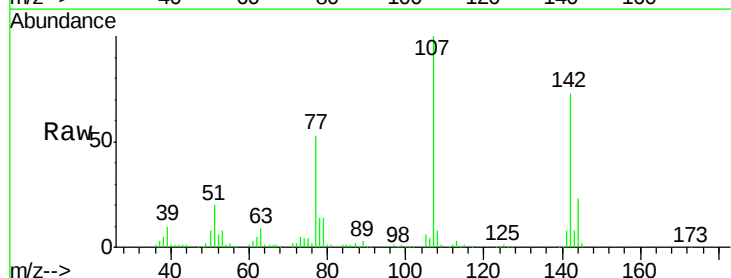
Manual Integrations

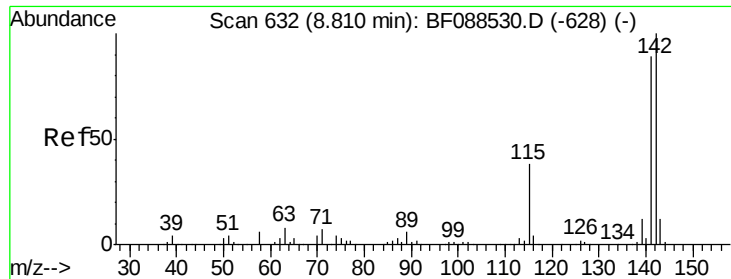
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#36
 4-Chloro-3-methylphenol
 Concen: 28.29 ng/ml
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion:107 Resp: 197783
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.8 31.2
 142 73.3 63.4 95.2





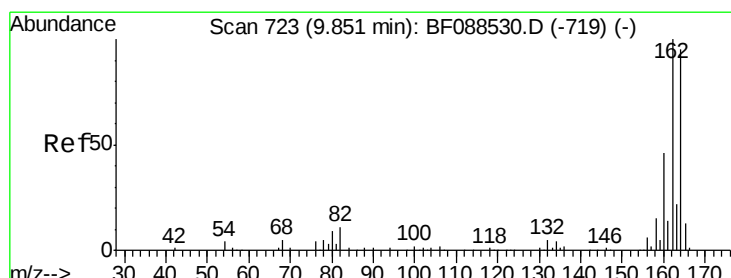
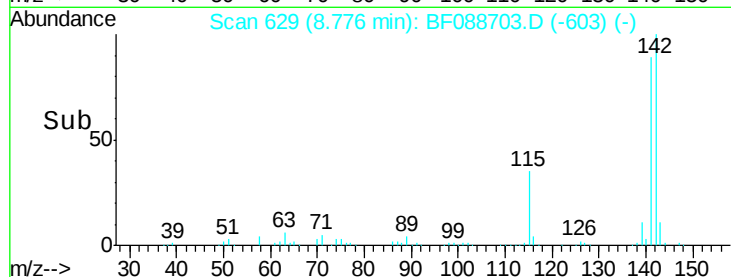
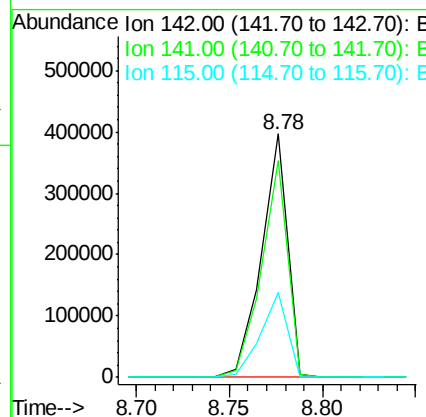
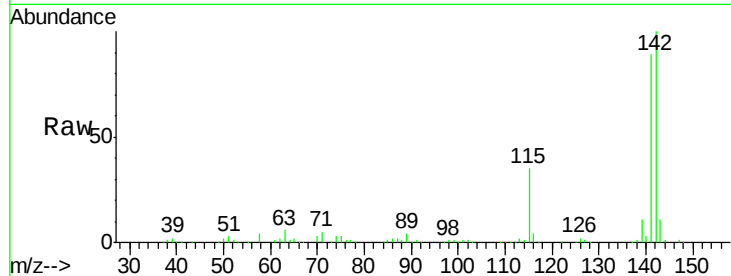
#37
2-Methylnaphthalene
Concen: 27.14 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	34.7	22.6	33.8#

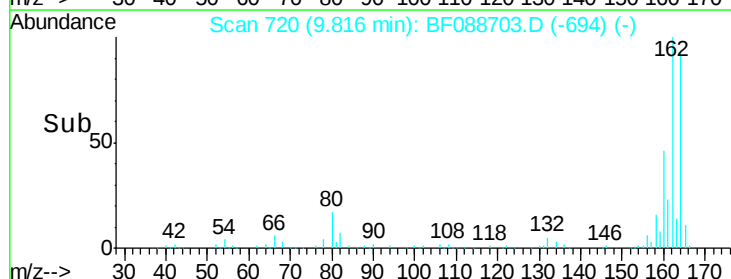
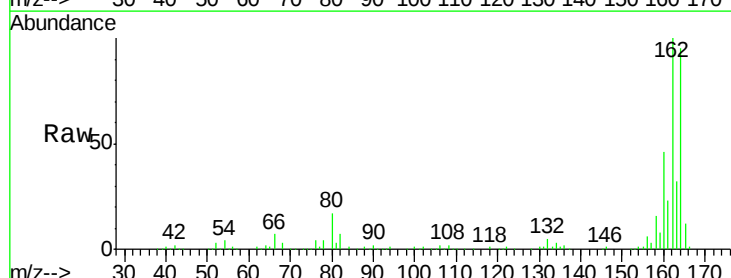
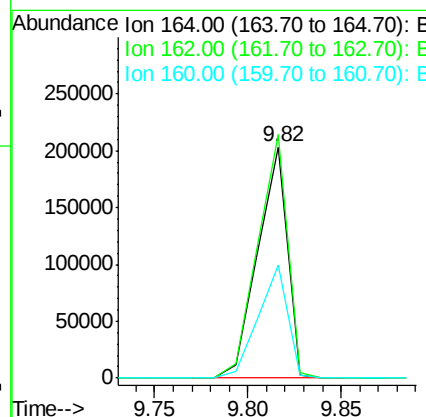
Manual Integrations

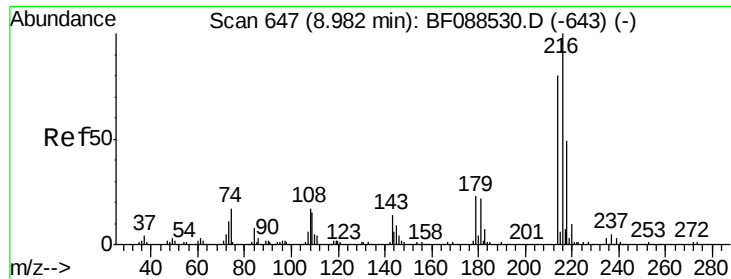
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	48.7	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.37 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMSD

Tot Ion:216 Resp: 135822

Ion Ratio Lower Upper

216 100

214 78.2 2.9 4.3#

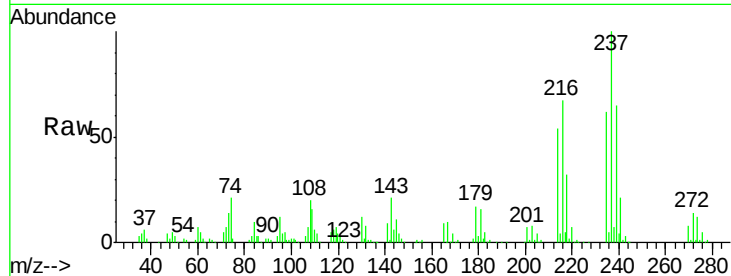
179 22.5 0.0 0.0#

108 25.1 0.5 0.7#

Manual Integrations

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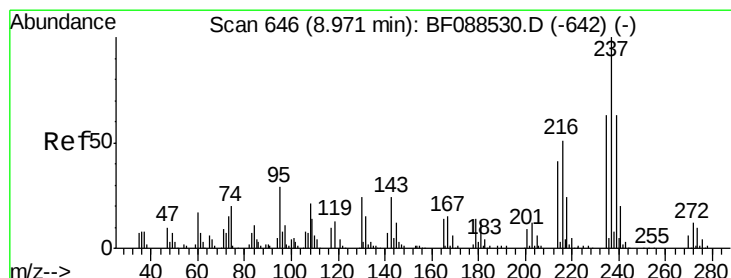
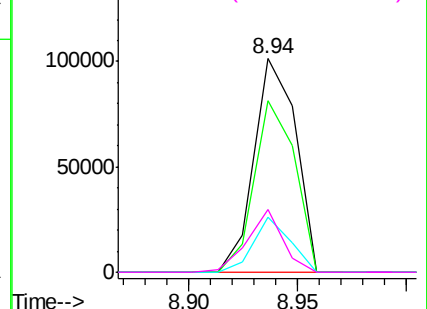
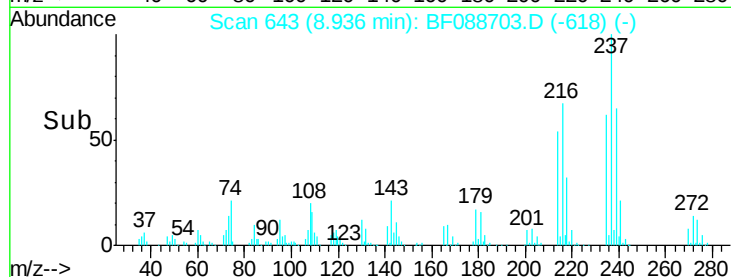
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 54.02 ng

RT: 8.94 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

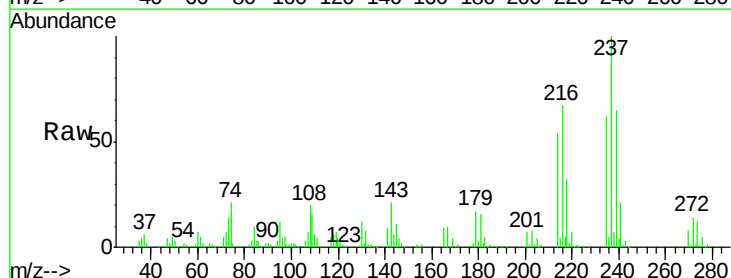
Tgt Ion:237 Resp: 195994

Ion Ratio Lower Upper

237 100

235 61.9 43.4 83.4

272 14.4 0.0 32.3

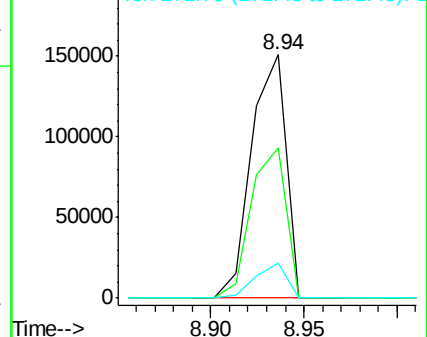
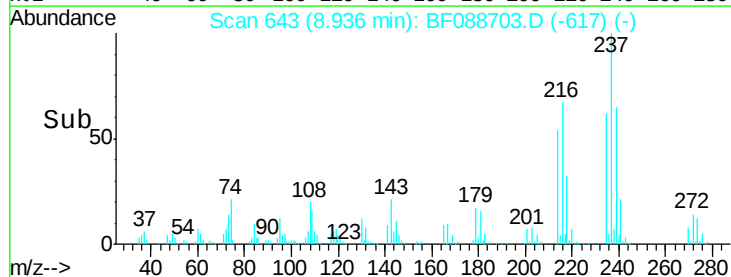


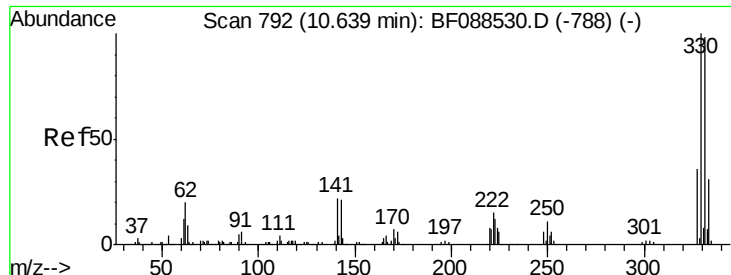
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





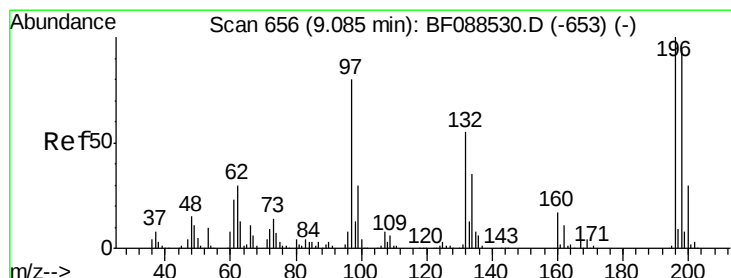
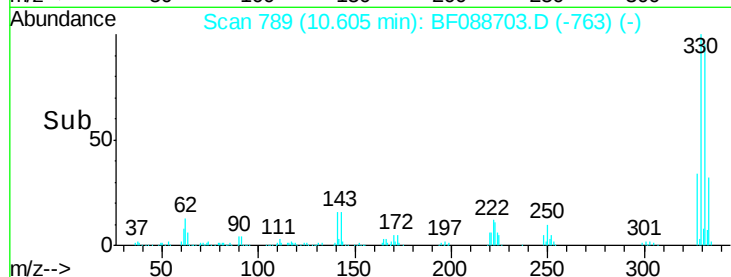
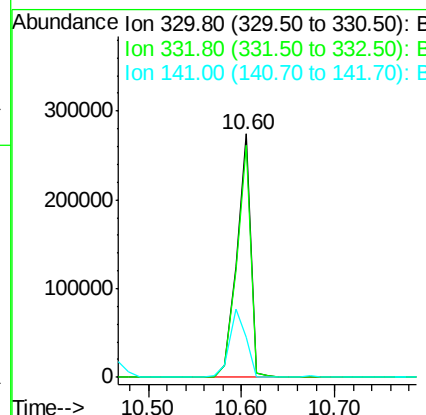
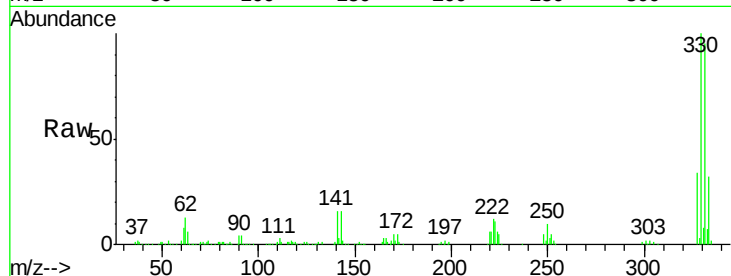
#41
 2,4,6-Tribromophenol
 Concen: 140.69 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	290373		
332	95.6	0.0	0.0	0.0
141	32.8	0.0	0.0	0.0

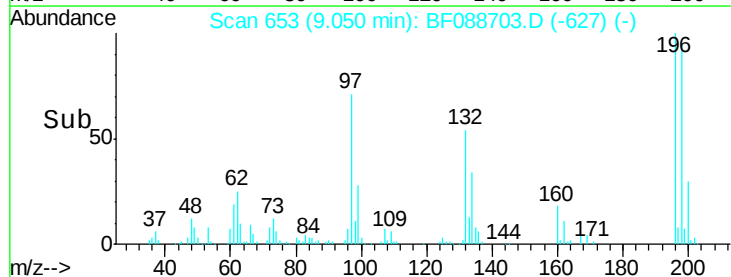
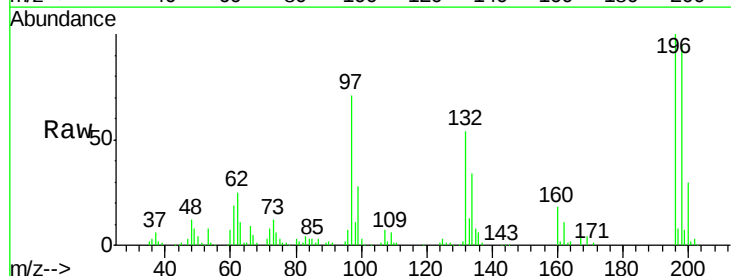
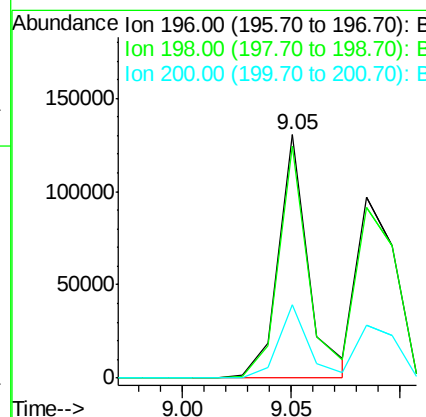
Manual Integrations

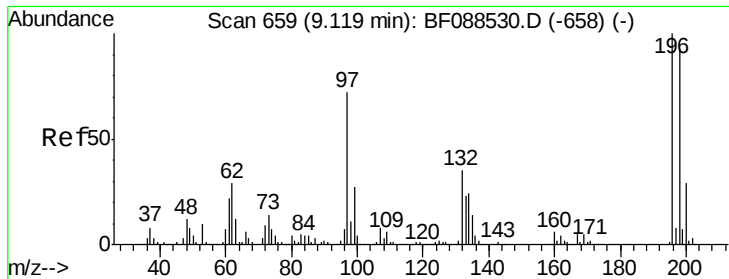
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 7/6/2016 7:19:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 25.83 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125894		
198	95.3	78.0	117.0	
200	30.2	25.4	38.2	





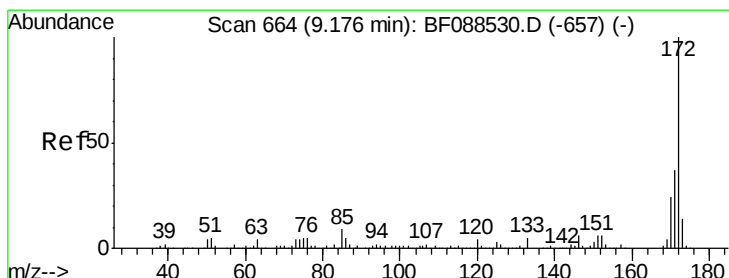
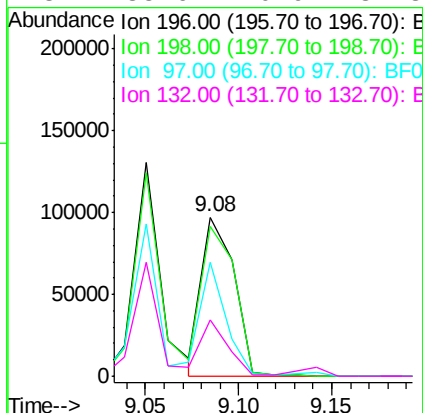
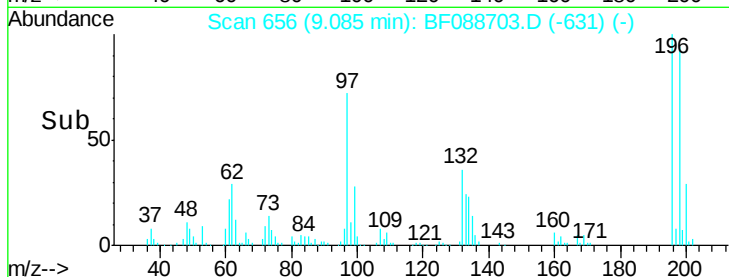
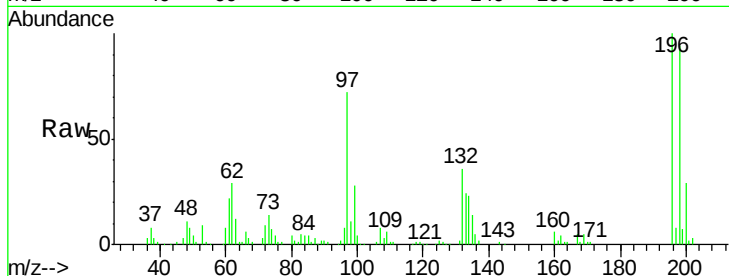
#43
 2,4,5-Trichlorophenol
 Concen: 28.12 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		117906		
198	94.3	77.5	116.3		
97	71.9	32.0	48.0#		
132	35.6	20.9	31.3#		

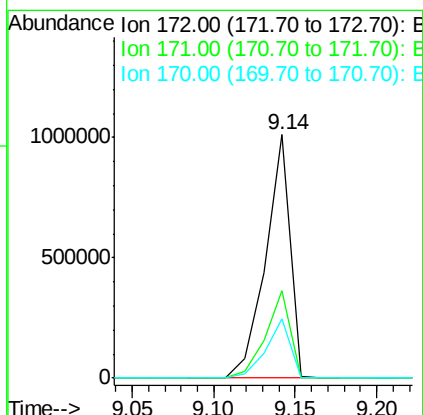
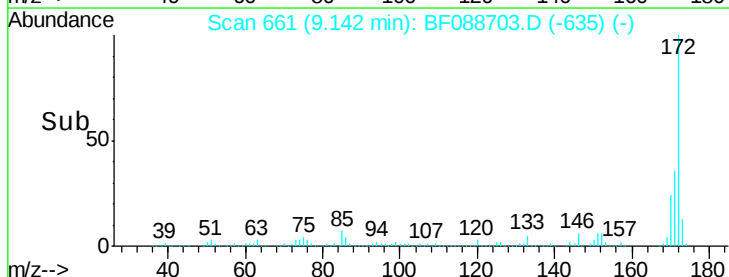
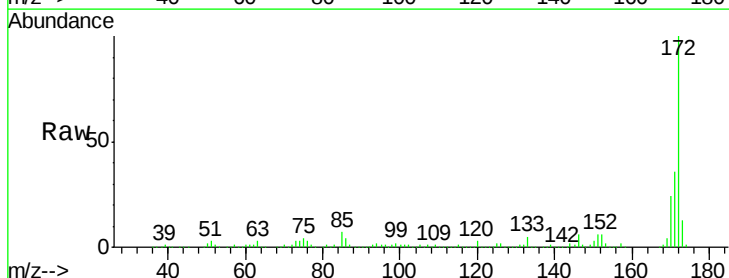
Manual Integrations

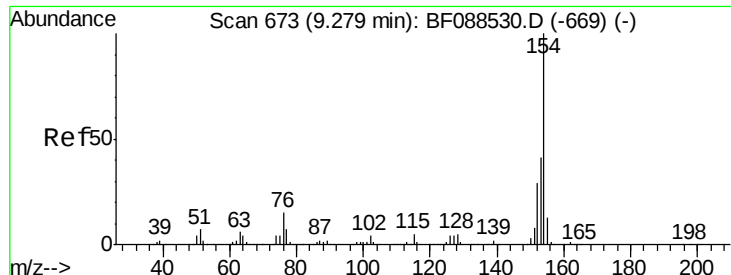
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#44
 2-Fluorobiphenyl
 Concen: 75.18 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1057869		
171	36.0	28.6	43.0		
170	24.2	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 22.10 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMSD

Tot Ion:154 Resp: 406685

Ion Ratio Lower Upper

154 100

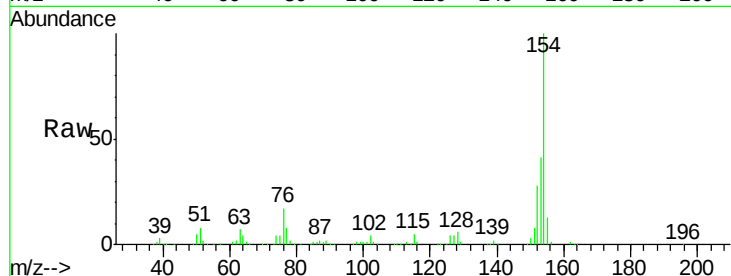
153 40.8 20.6 60.6

76 16.9 0.0 35.1

Manual Integrations

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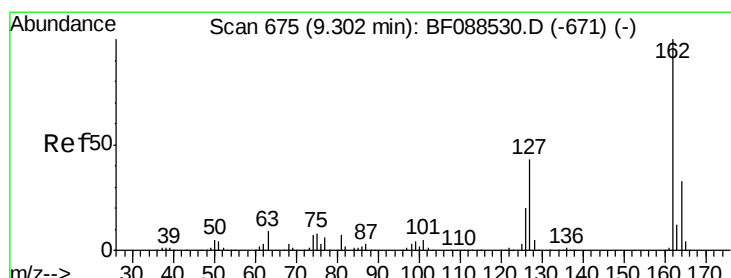
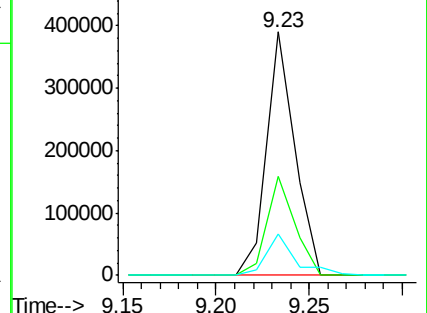
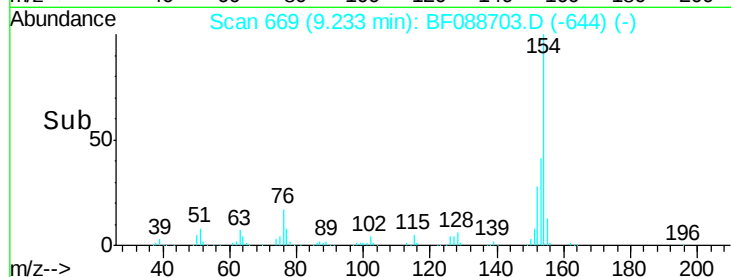
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 22.27 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

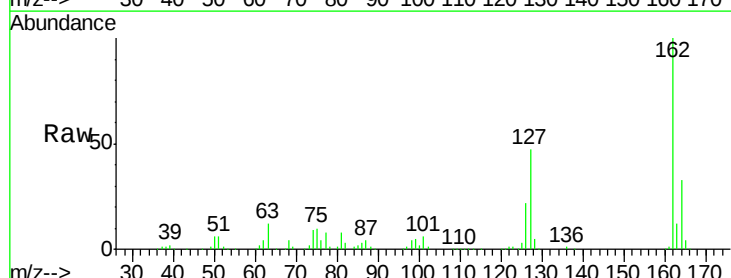
Tgt Ion:162 Resp: 321764

Ion Ratio Lower Upper

162 100

127 47.2 35.2 52.8

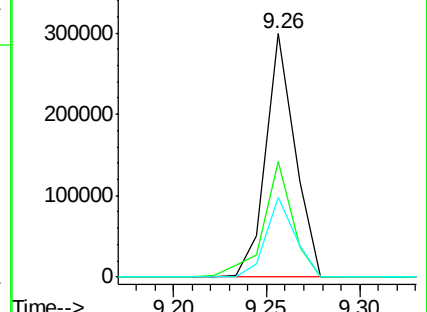
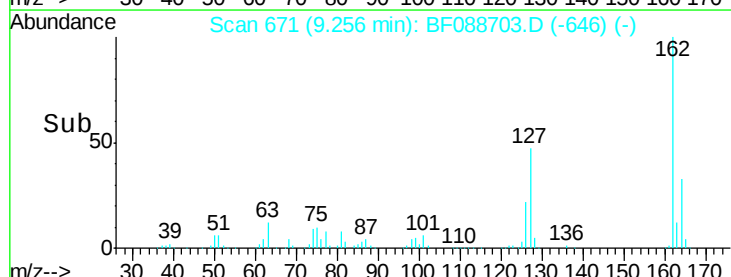
164 32.8 26.6 39.8

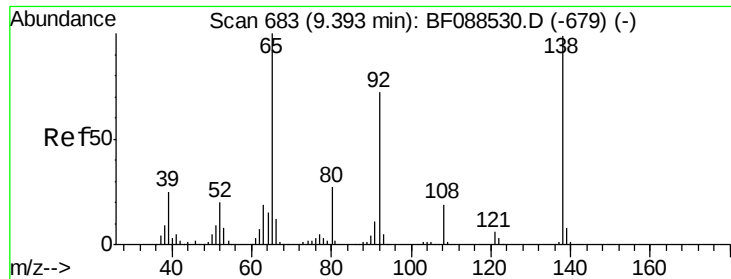


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47
 2-Nitroaniline
 Concen: 25.40 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

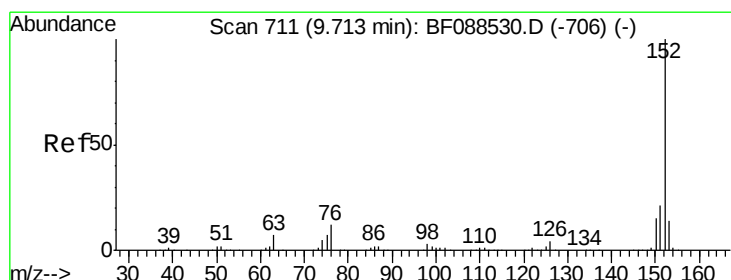
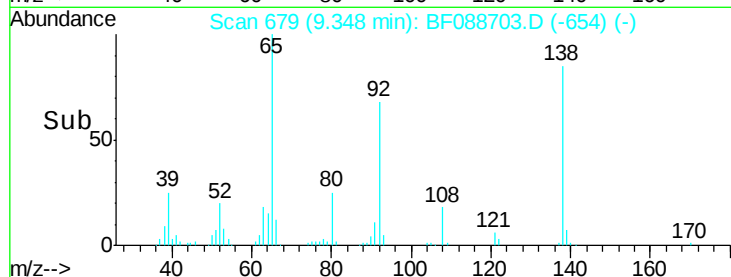
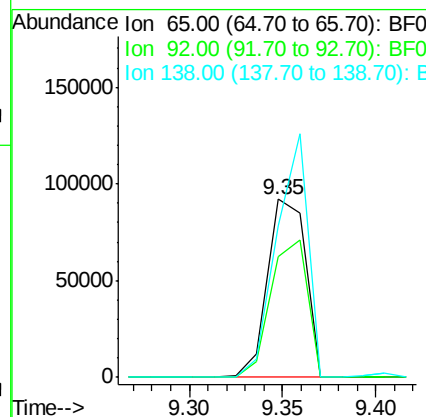
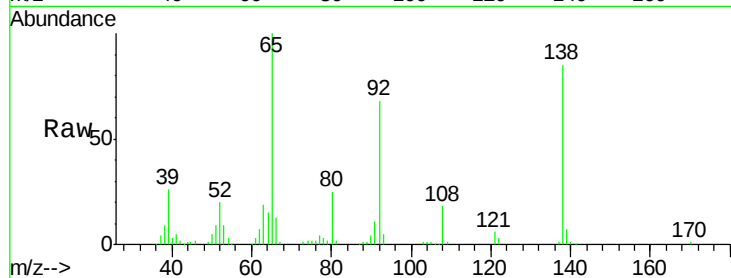
Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion: 65 Resp: 130240

Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.6	82.0
138	85.1	77.0	115.4

Manual Integrations

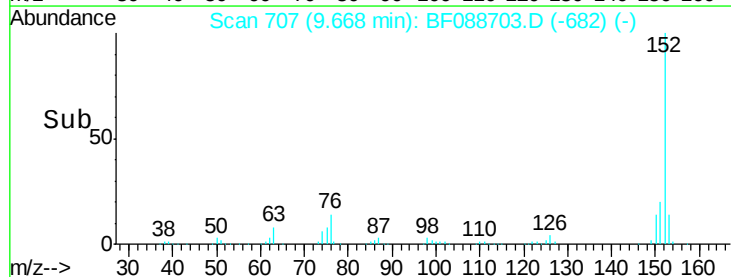
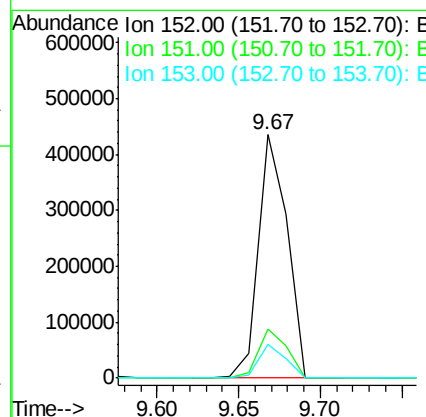
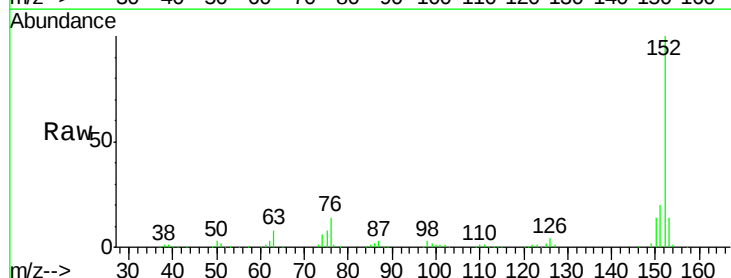
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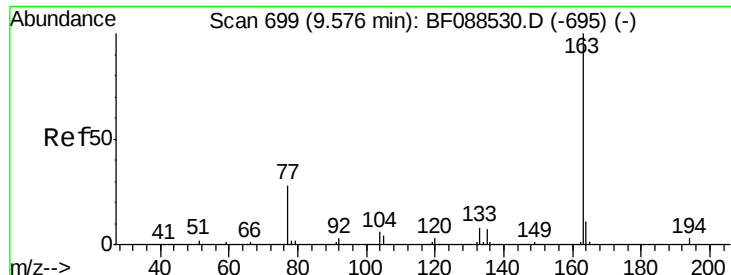


#48
 Acenaphthylene
 Concen: 23.21 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion: 152 Resp: 533509

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.6	11.0	16.6





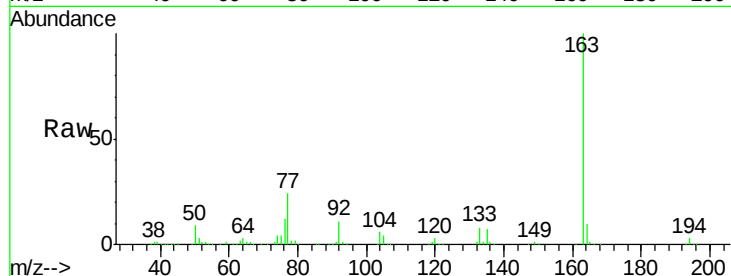
#49
Dimethylphthalate
Concen: 37.90 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

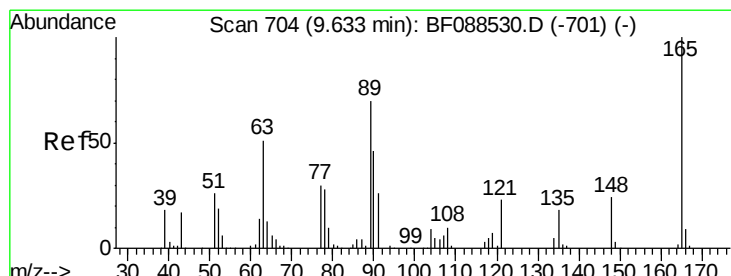
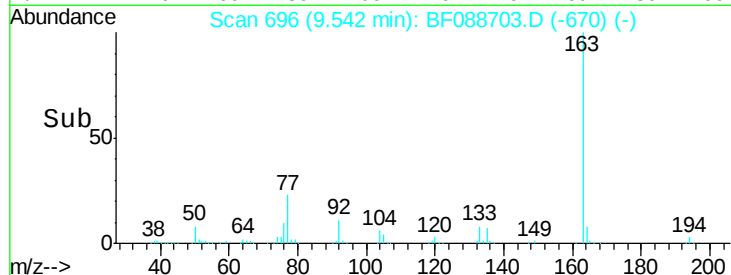
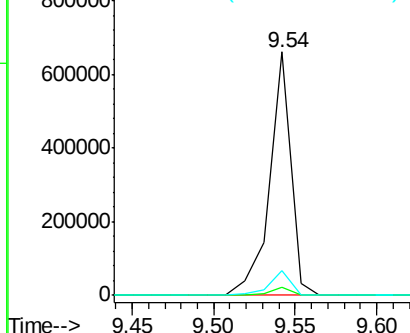
Tot Ion	Ratio	Resp	Lower	Upper
163	100	600192		
194	3.4		2.8	4.2
164	10.4		8.3	12.5

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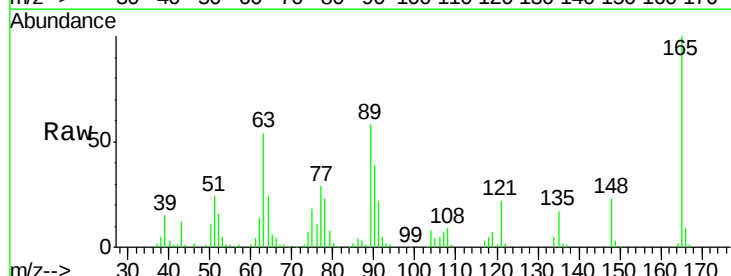


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

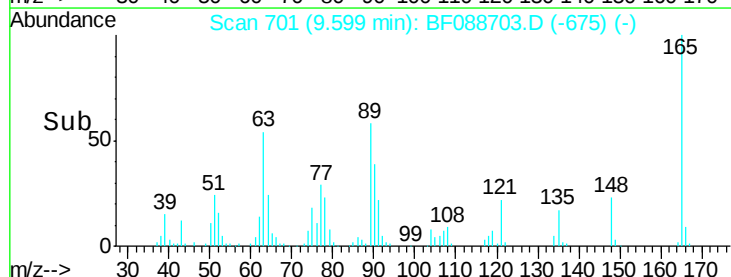
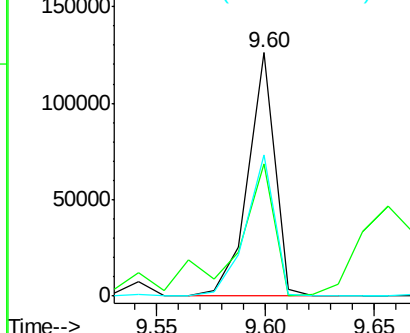


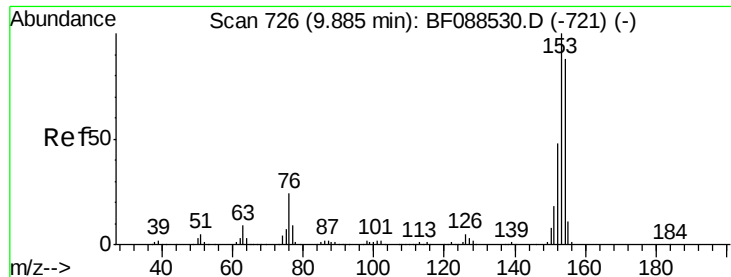
#50
2,6-Dinitrotoluene
Concen: 30.89 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	108409		
63	54.2		28.1	42.1#
89	57.9		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: 27.44 ng/mL

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMSD

Tot Ion:154 Resp: 386619

Ion Ratio Lower Upper

154 100

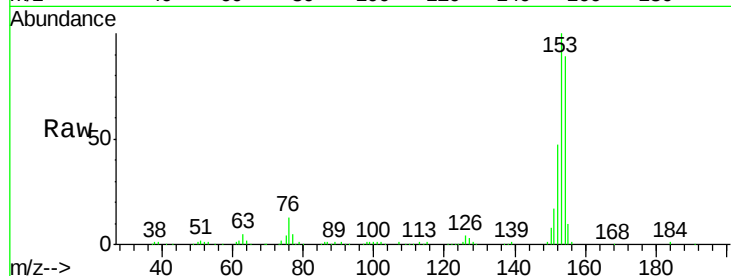
153 112.6 89.5 134.3

152 53.3 42.7 64.1

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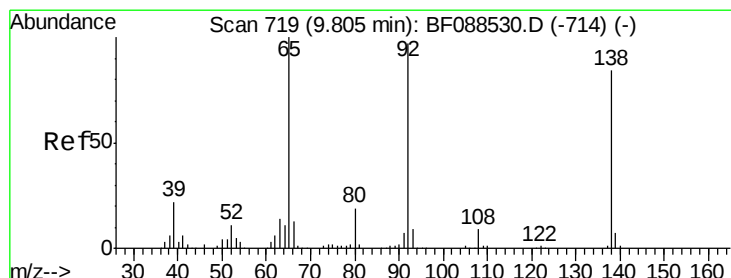
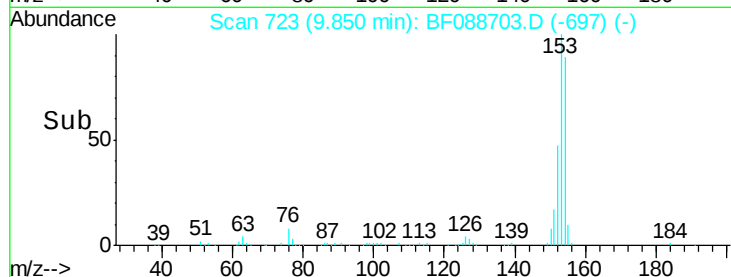
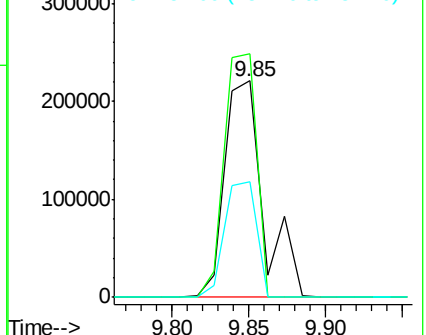
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.84 ng/mL

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

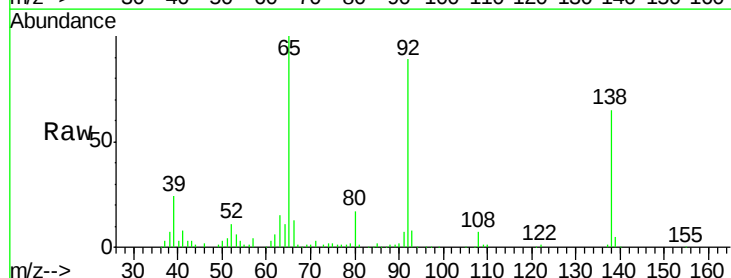
Tgt Ion:138 Resp: 75140

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

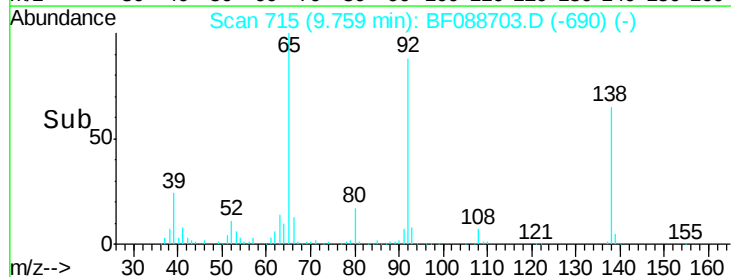
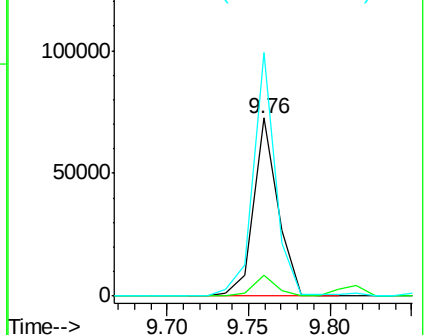
92 137.0 95.7 143.5

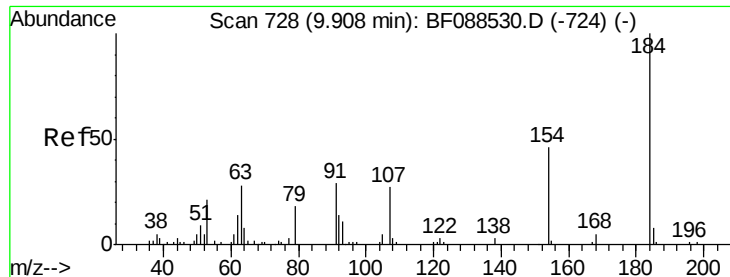


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





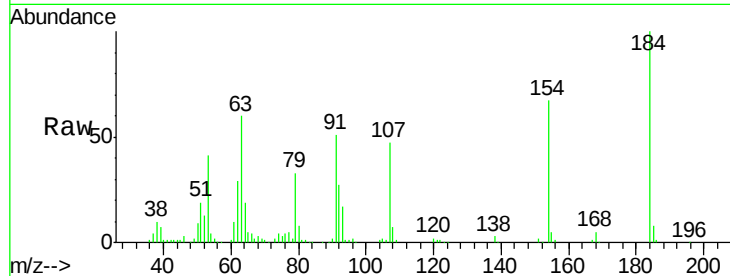
#53
2,4-Dinitrophenol
Concen: 71.08 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

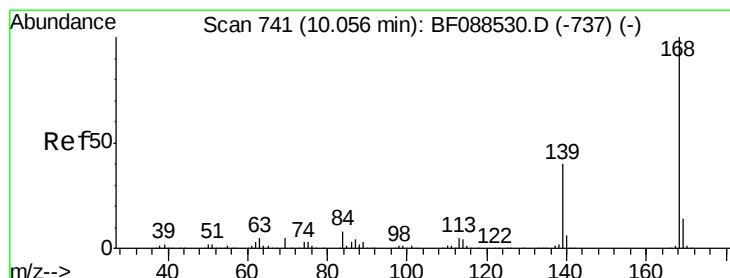
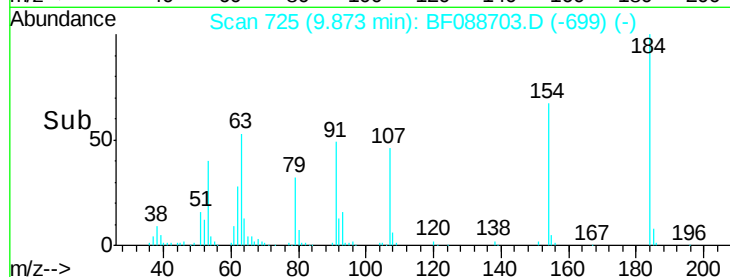
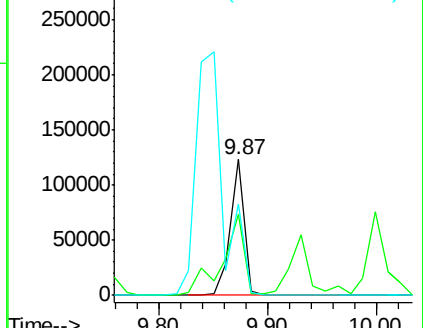
Tot Ion	Ratio	Lower	Upper
184	100		
63	60.0	57.6	86.4
154	67.1	53.5	80.3

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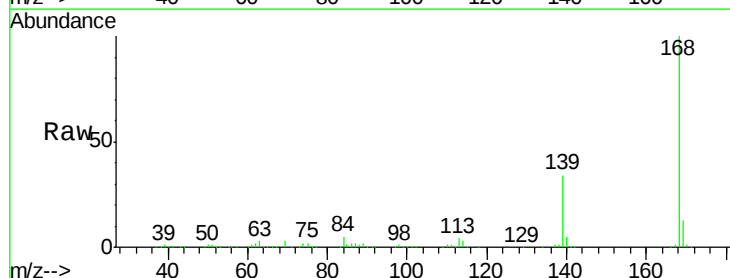


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

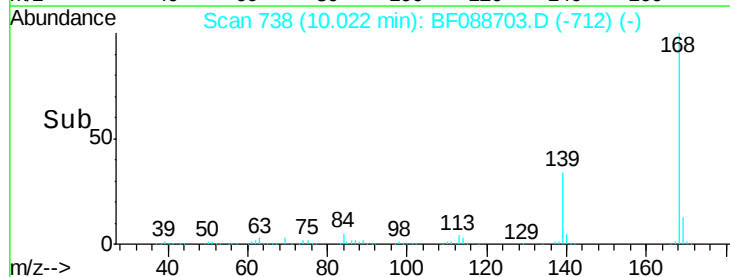
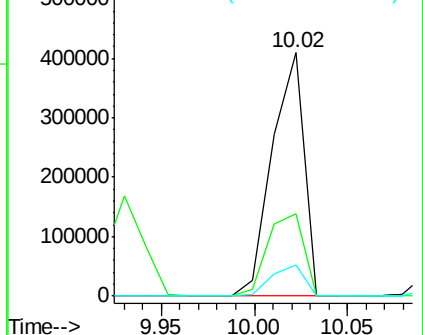


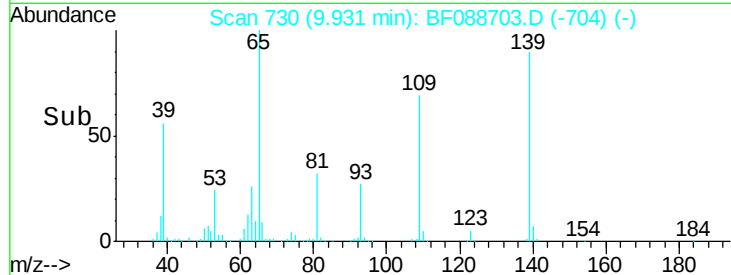
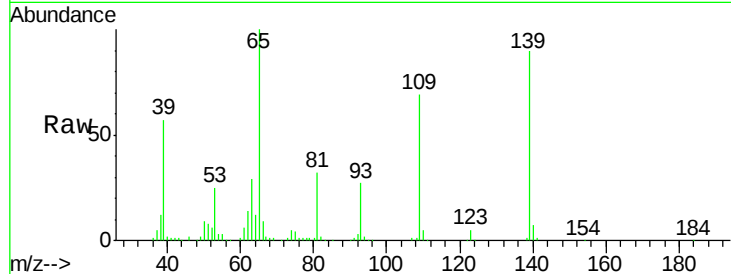
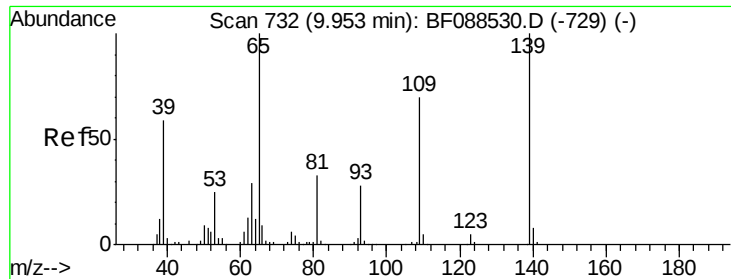
#54
Dibenzofuran
Concen: 26.42 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.0	26.4	39.6
169	12.9	10.4	15.6



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





#55

4-Nitrophenol

Concen: 67.09 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF088703.D

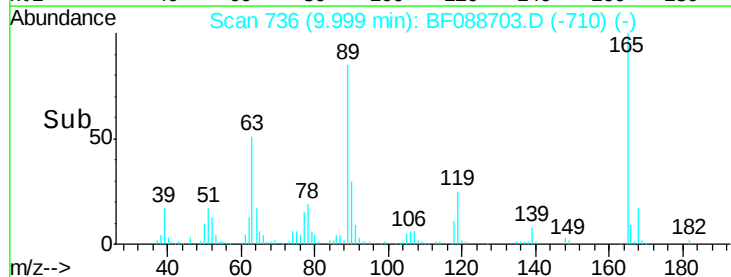
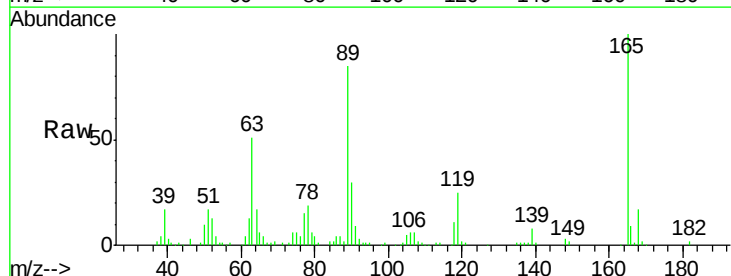
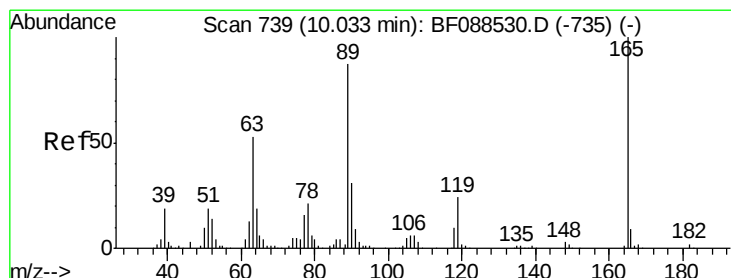
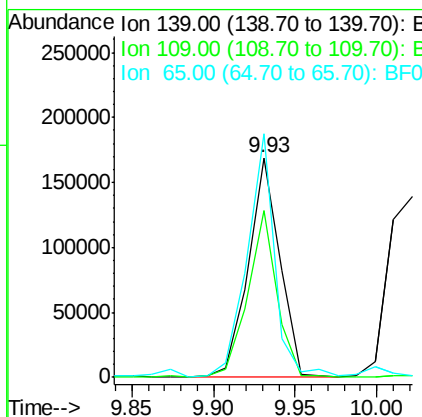
Acq: 5 Jul 2016 15:16

Tot Ion:	139	Resp:	227467
Ion Ratio	Lower	Upper	
139	100		
109	76.1	48.9	88.9
65	111.0	84.9	124.9

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 27.85 ng

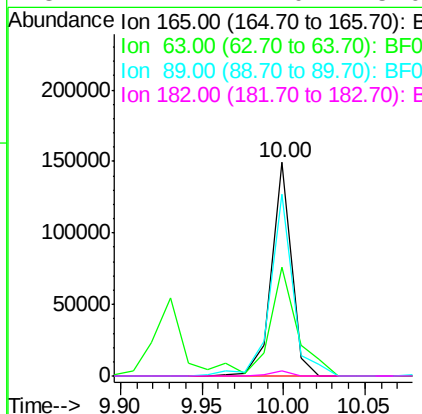
RT: 10.00 min Scan# 736

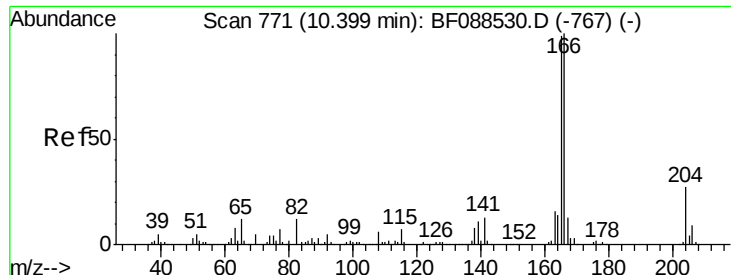
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	165	Resp:	127811
Ion Ratio	Lower	Upper	
165	100		
63	51.1	22.0	33.0#
89	85.1	41.1	61.7#
182	2.4	2.0	3.0





#57

Fluorene

Concen: 23.73 ng

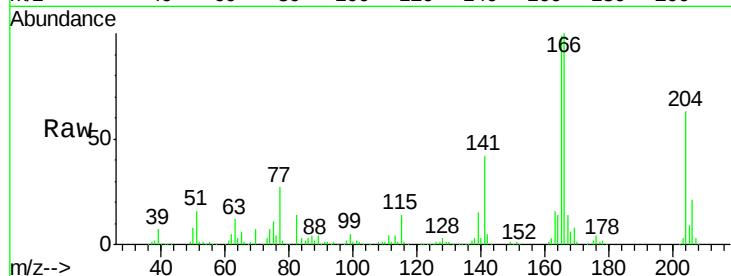
RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

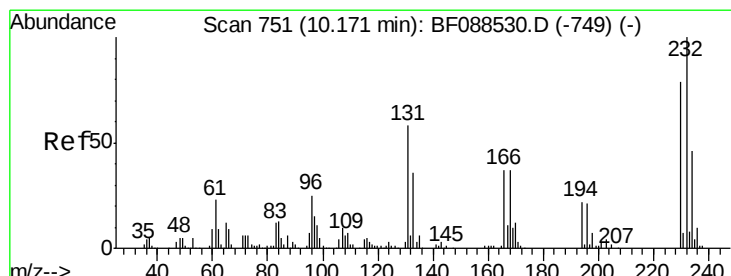
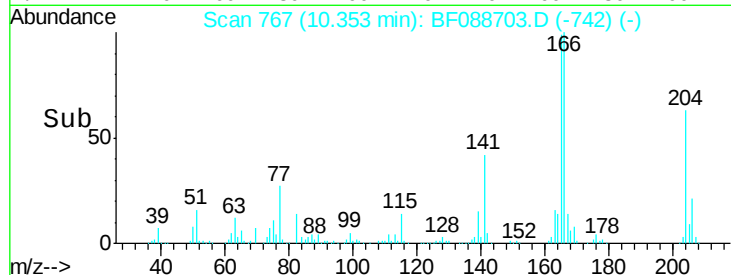
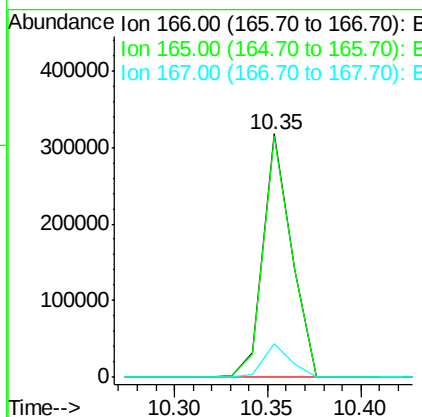
Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD



Tot Ion:	166	Resp:	337323
Ion Ratio	Lower	Upper	
166	100		
165	99.2	77.8	116.8
167	13.6	11.2	16.8

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 32.60 ng

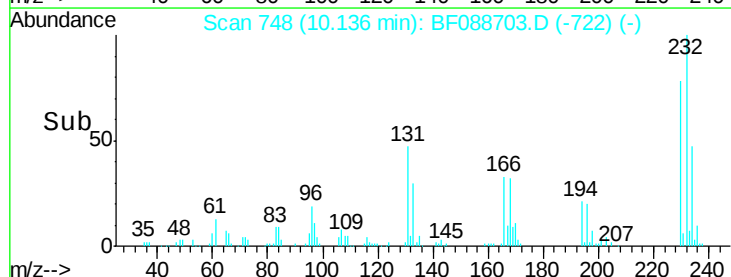
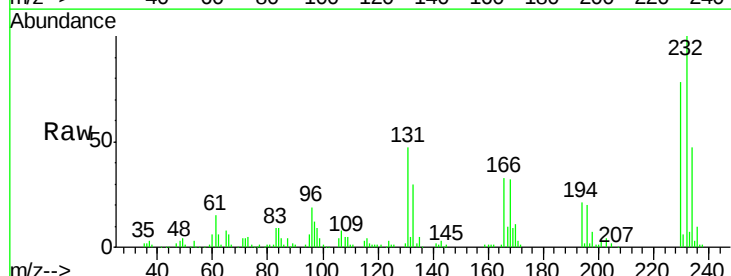
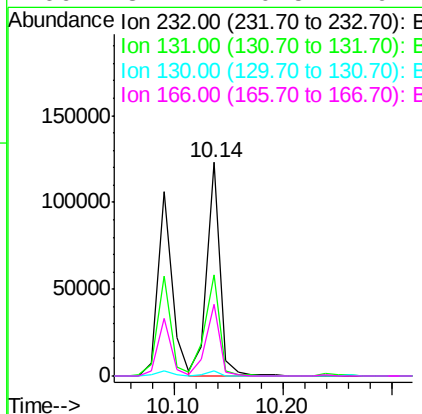
RT: 10.14 min Scan# 748

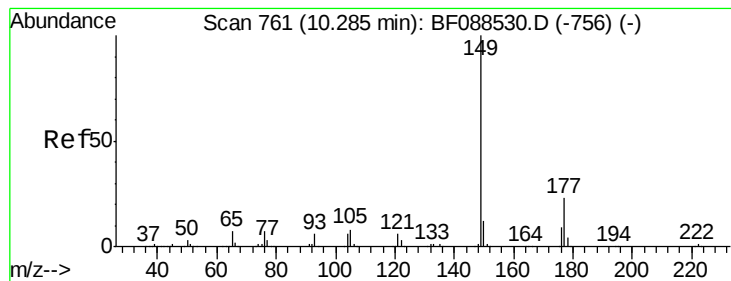
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	232	Resp:	105769
Ion Ratio	Lower	Upper	
232	100		
131	52.6	0.9	1.3#
130	2.5	1.5	2.3#
166	34.7	0.5	0.7#





#59

Diethylphthalate

Concen: 27.61 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

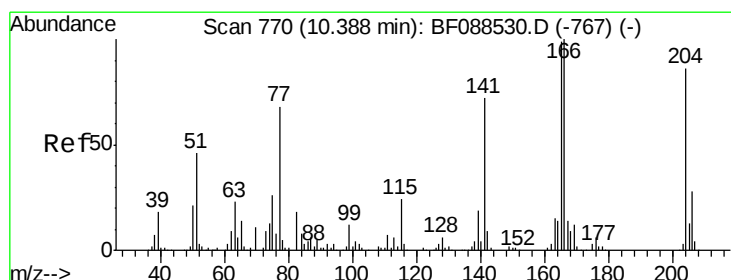
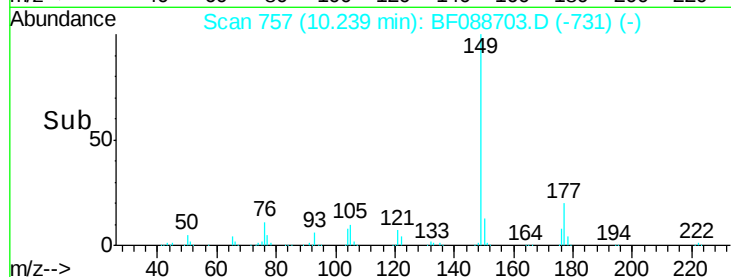
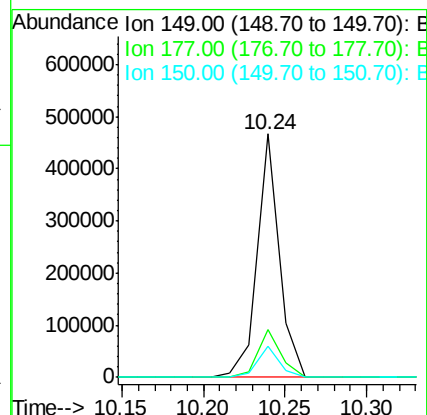
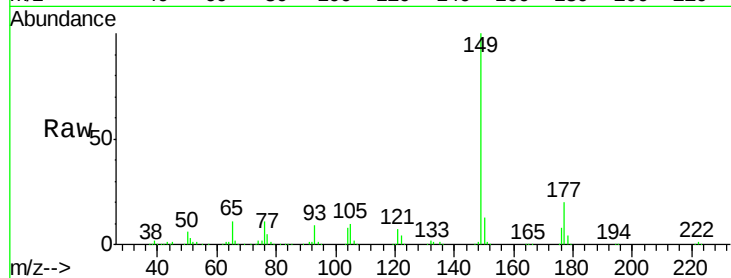
BS-2C-8.5-9FTMSD

Tot Ion:	149	Resp:	438747
Ion Ratio	Lower	Upper	
149	100		
177	19.6	16.9	25.3
150	12.6	10.1	15.1

Manual Integrations

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#60

4-Chlorophenyl-phenylether

Concen: 25.00 ng

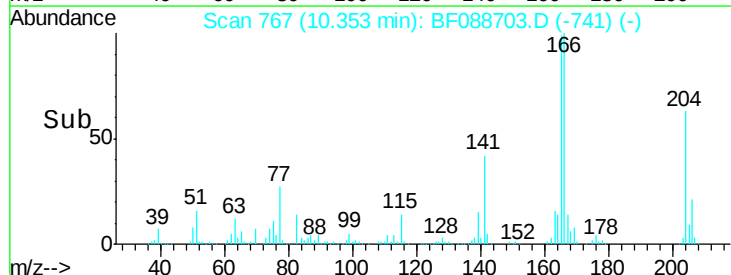
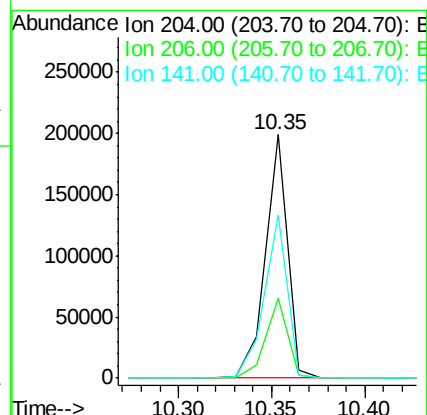
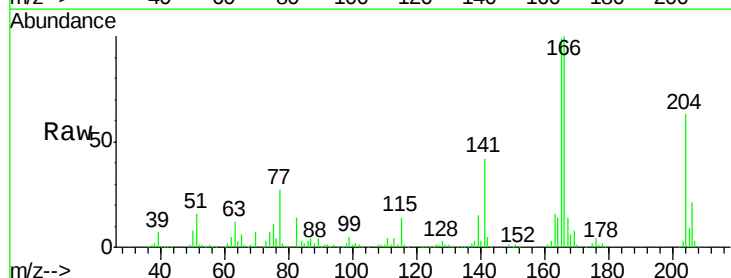
RT: 10.35 min Scan# 767

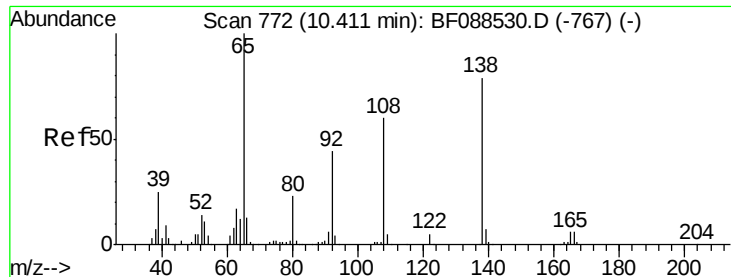
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	204	Resp:	165125
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.3	39.5
141	67.0	55.0	82.6





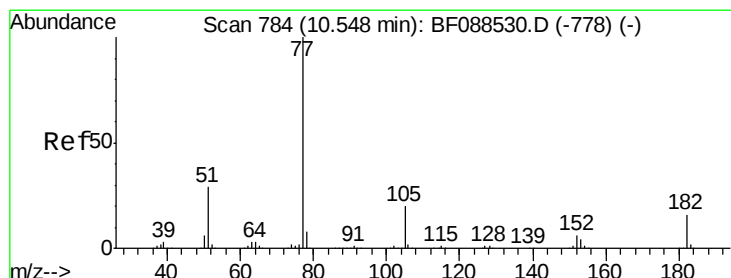
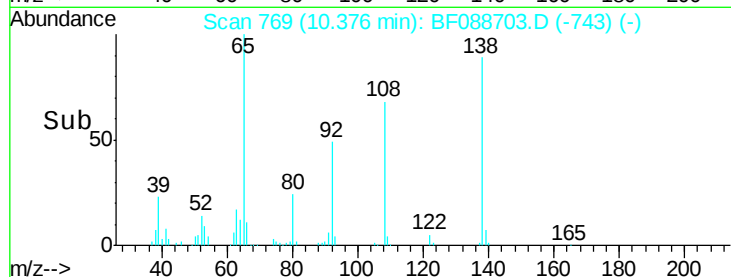
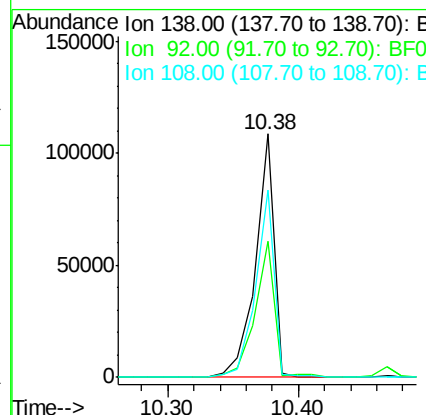
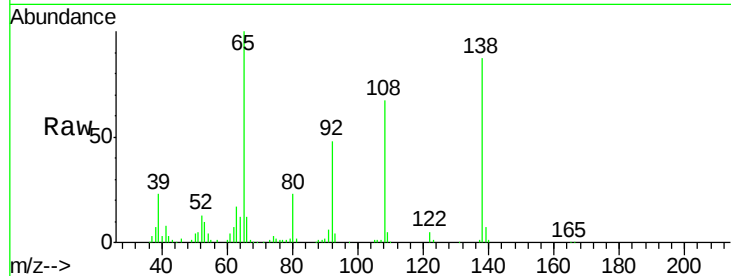
#61
4-Nitroaniline
Concen: 25.30 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	27.3	67.3
108	77.1	46.7	86.7

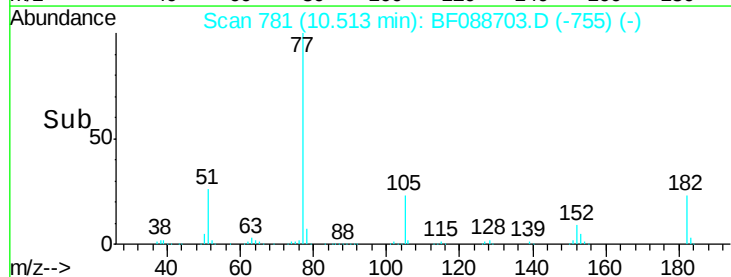
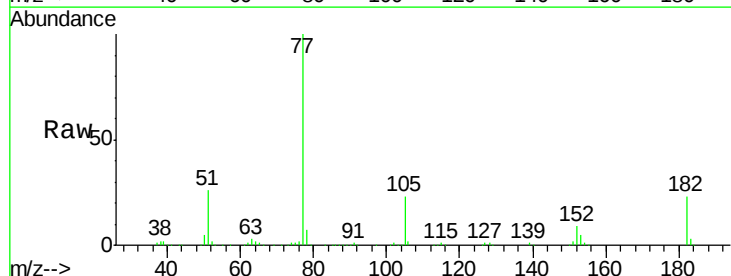
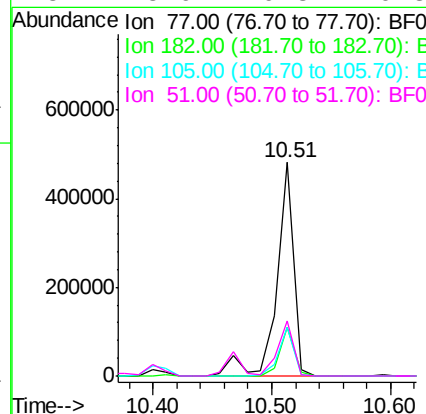
Manual Integrations

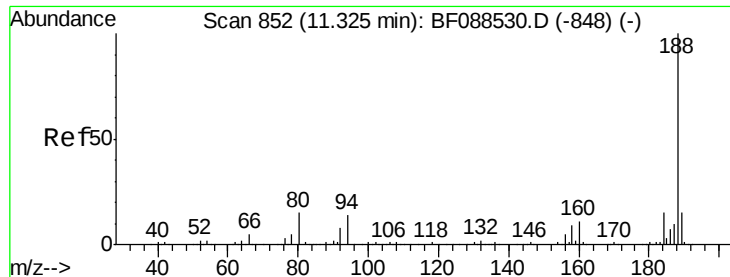
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#62
Azobenzene
Concen: 26.64 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.4	44.4
105	22.9	3.8	43.8
51	25.9	9.3	49.3





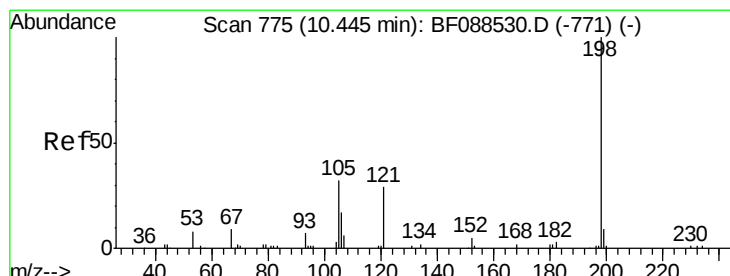
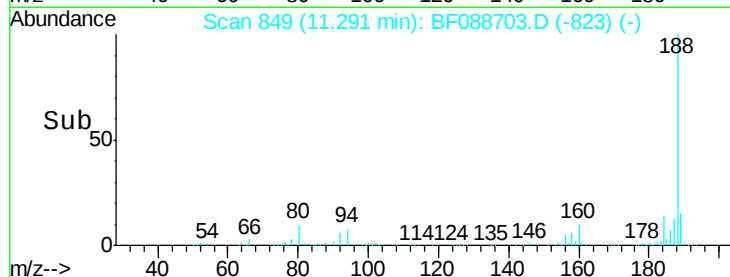
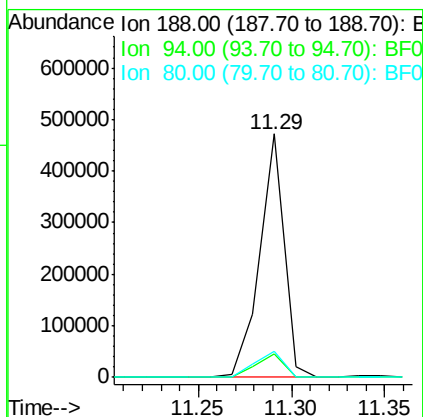
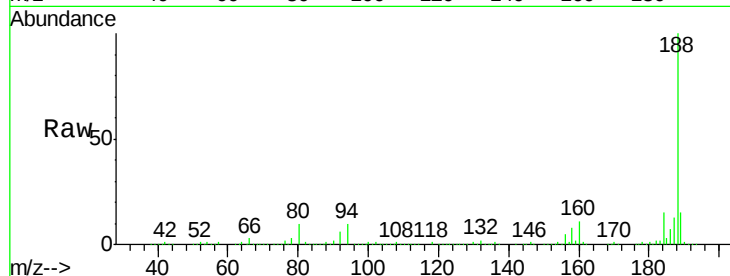
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.6
80	10.5	10.0	15.0

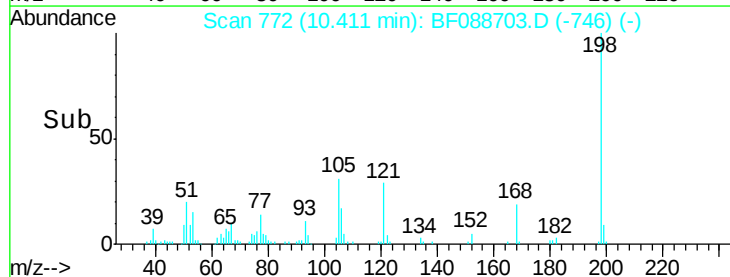
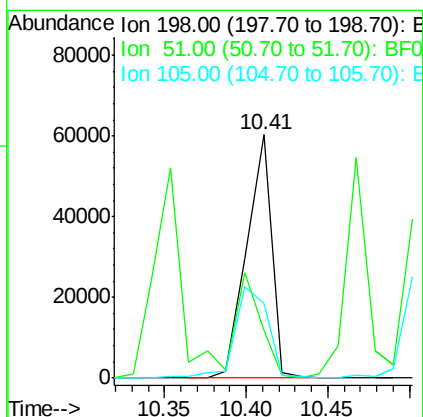
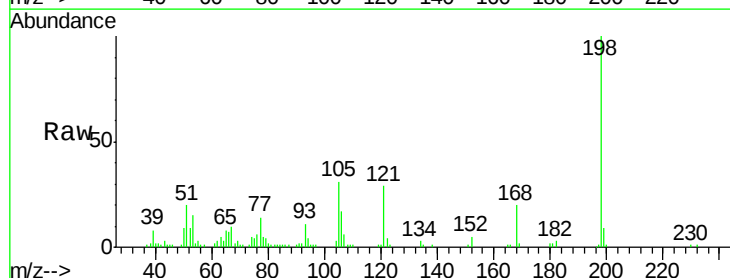
Manual Integrations

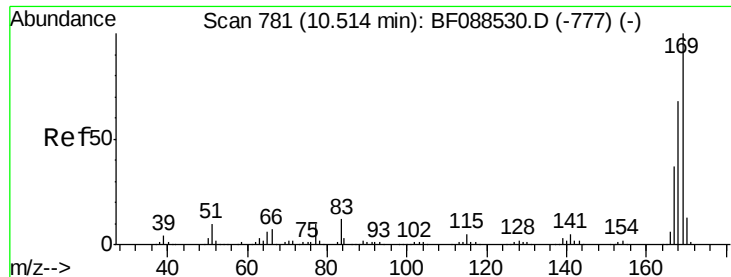
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.18 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
198	100		
51	19.7	39.6	79.6#
105	30.7	36.6	76.6#





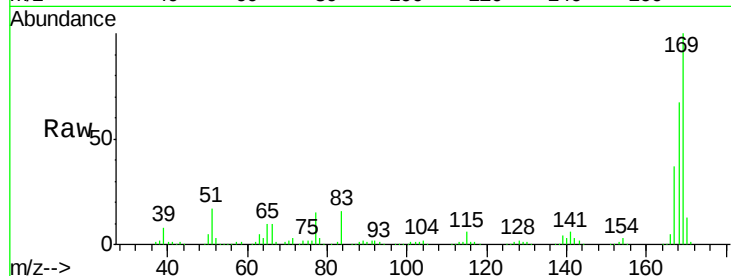
#65
n-Nitrosodiphenylamine
Concen: 23.03 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.0
167	37.1	29.4	44.0

Manual Integrations

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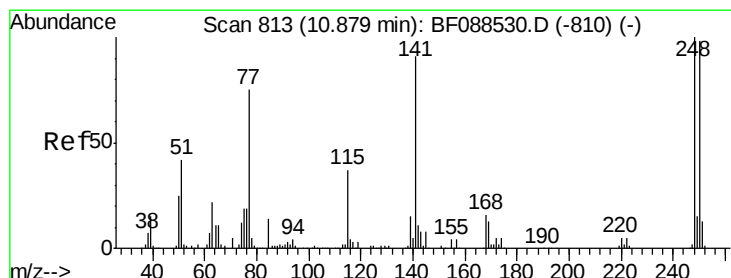
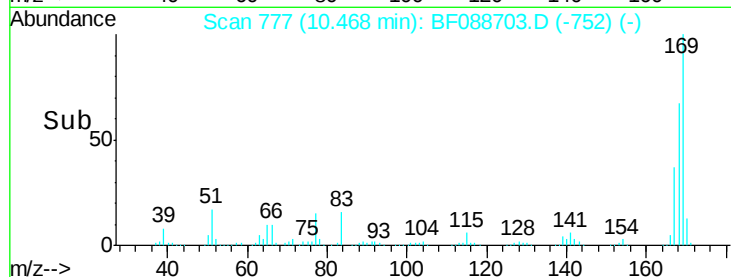
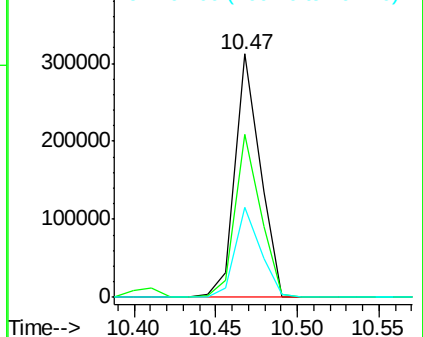


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 22.54 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

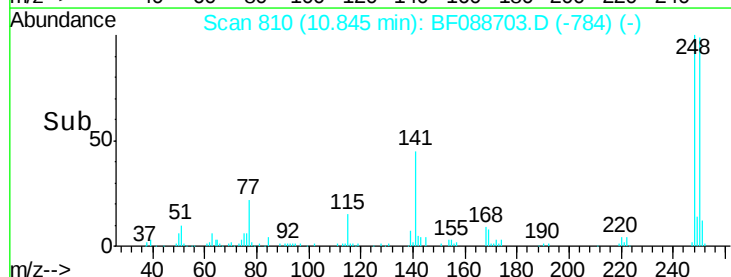
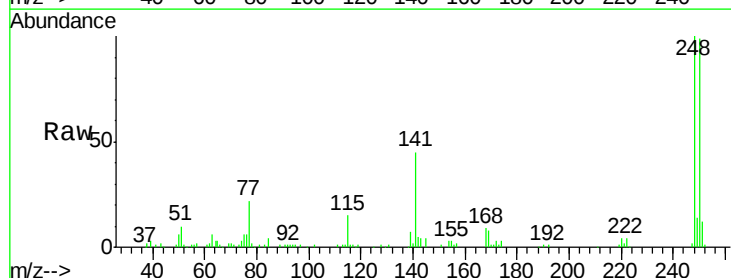
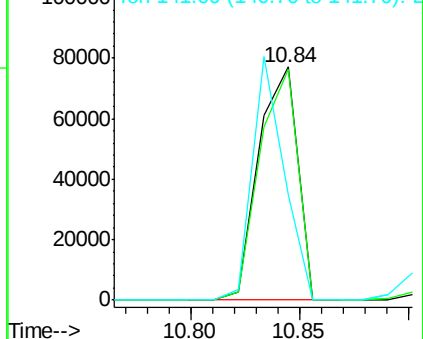
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.1	115.7
141	45.5	50.6	76.0

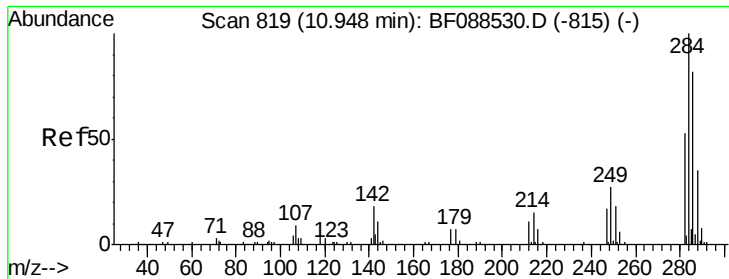
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.31 ng

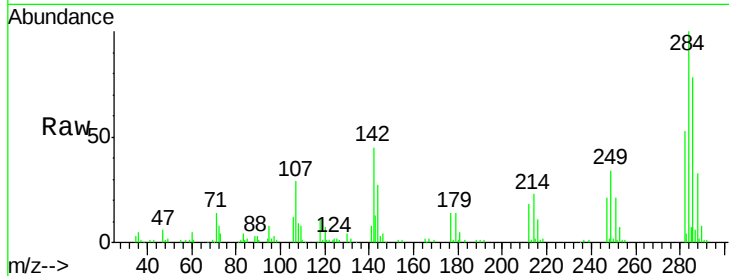
RT: 10.90 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

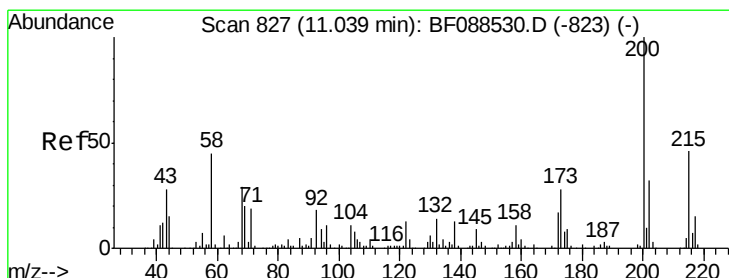
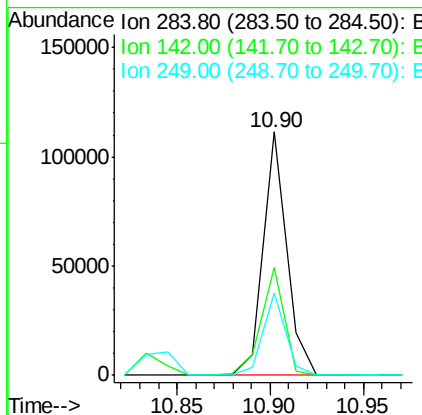
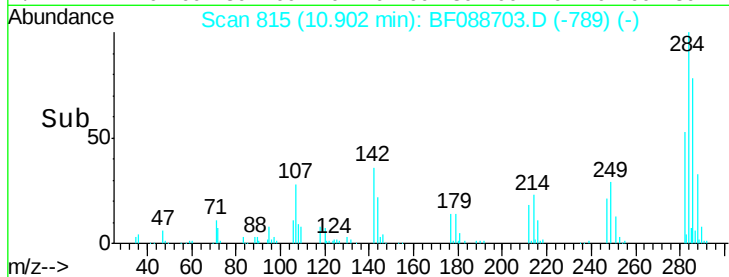
Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD



Tot Ion:	284	Resp:	96377
Ion Ratio	Lower	Upper	
284	100		
142	44.5	35.8	53.8
249	33.7	25.8	38.6

Manual Integrations

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#68

Atrazine

Concen: 27.26 ng

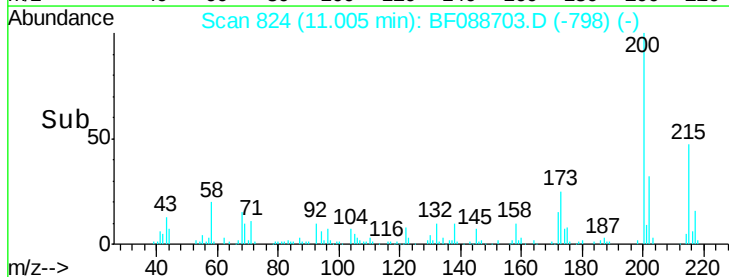
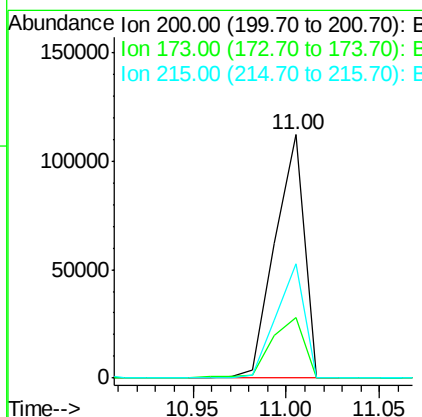
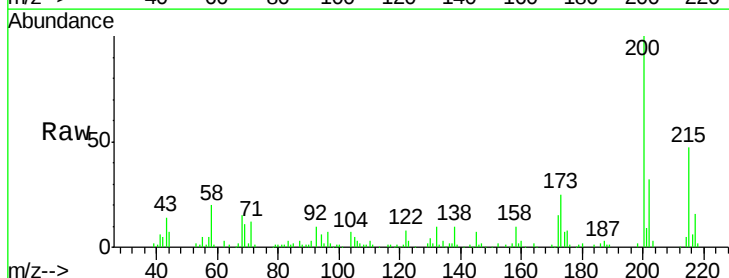
RT: 11.00 min Scan# 824

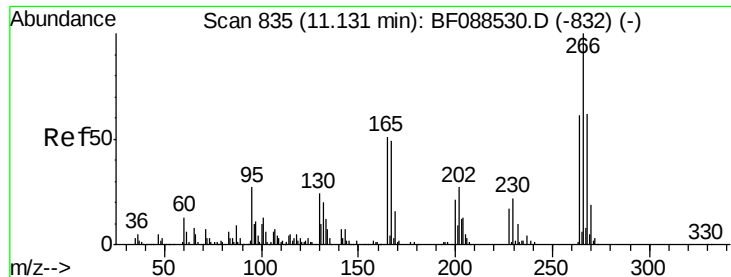
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	200	Resp:	122285
Ion Ratio	Lower	Upper	
200	100		
173	24.6	4.0	44.0
215	47.2	29.3	69.3





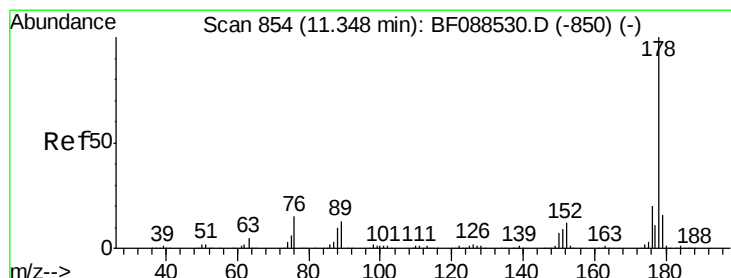
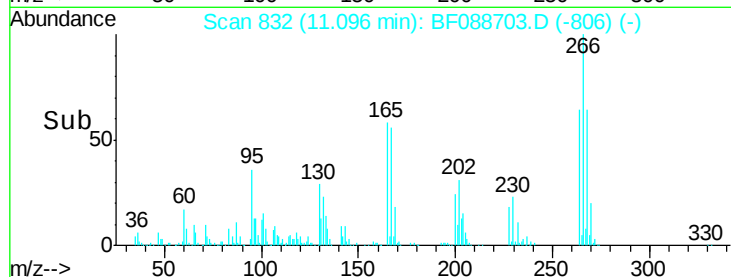
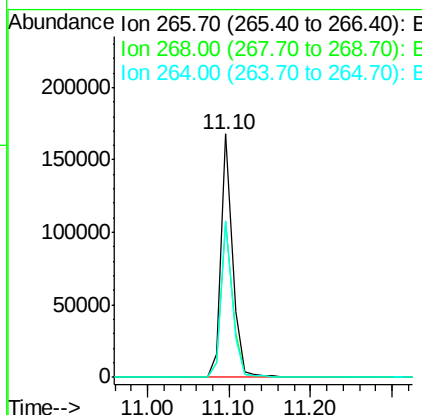
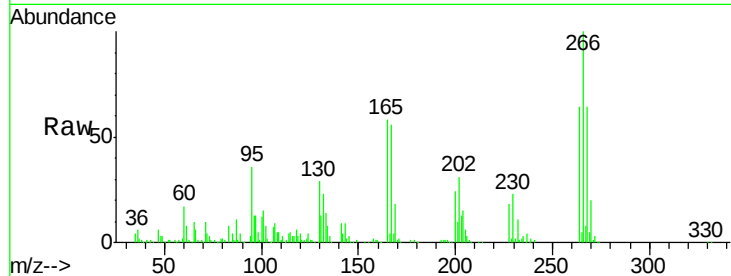
#69
 Pentachlorophenol
 Concen: 58.50 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.8	79.2
264	64.1	49.6	74.4

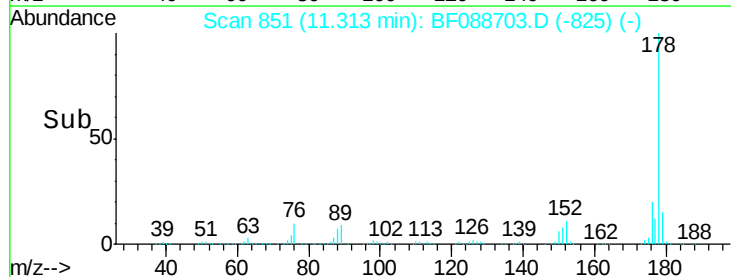
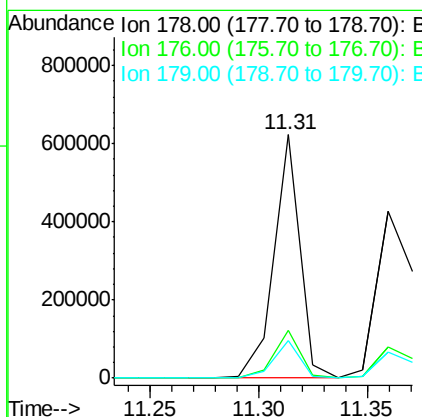
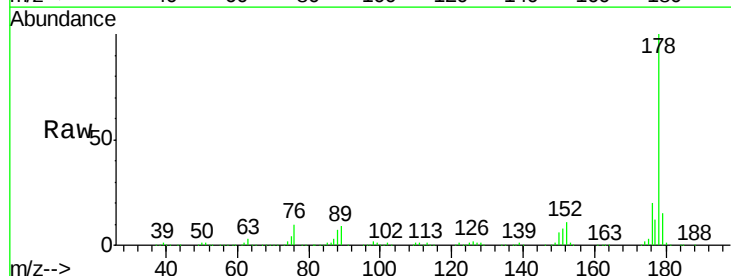
Manual Integrations

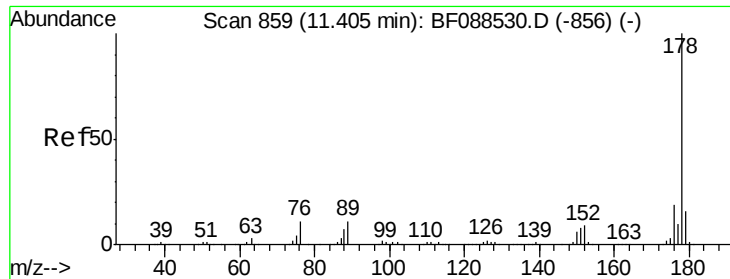
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#70
 Phenanthrene
 Concen: 22.61 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.4	13.0	19.4





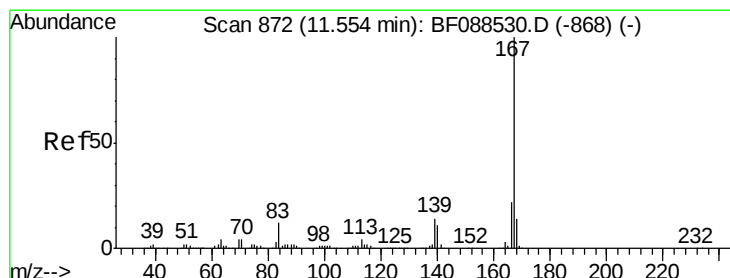
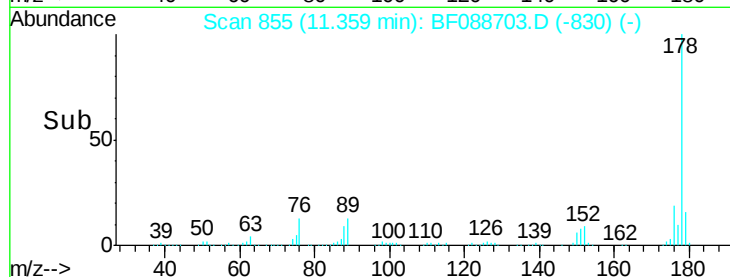
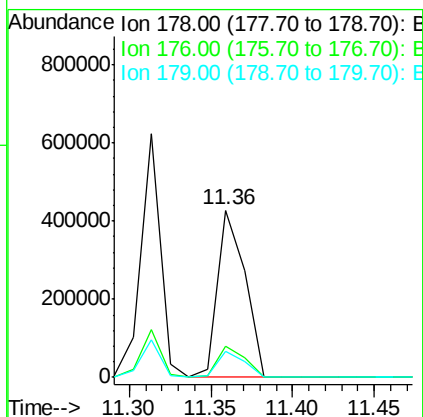
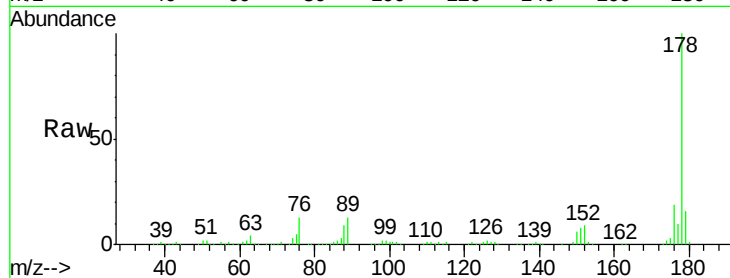
#71
 Anthracene
 Concen: 21.46 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.8	15.6	23.4	
179	16.0	12.8	19.2	

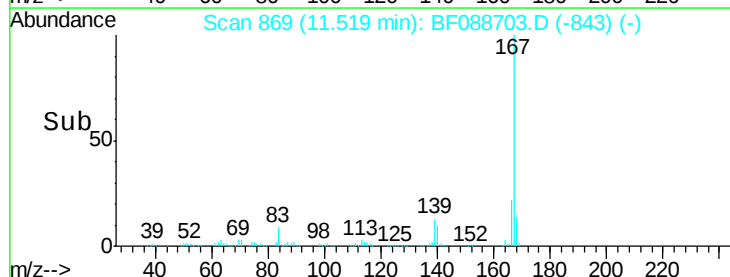
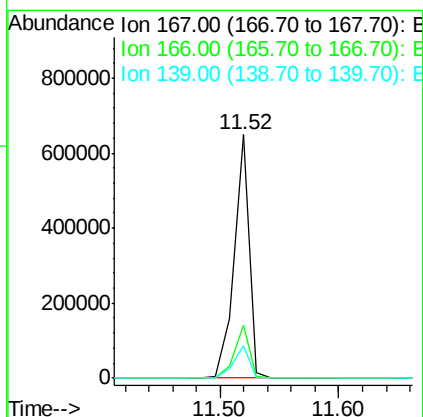
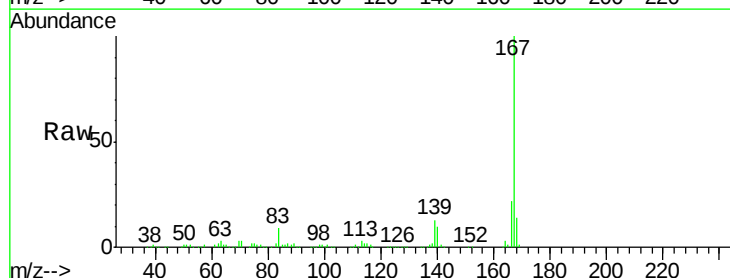
Manual Integrations

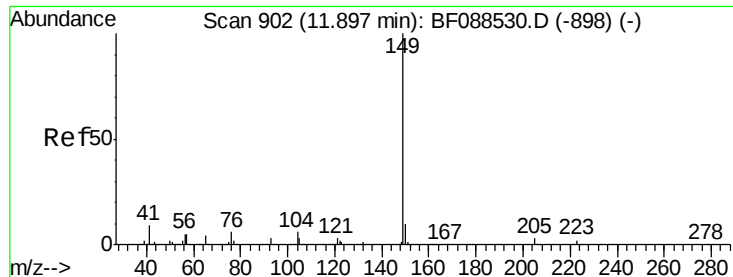
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#72
 Carbazole
 Concen: 26.16 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.8	26.6	
139	13.5	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 24.10 ng

RT: 11.86 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

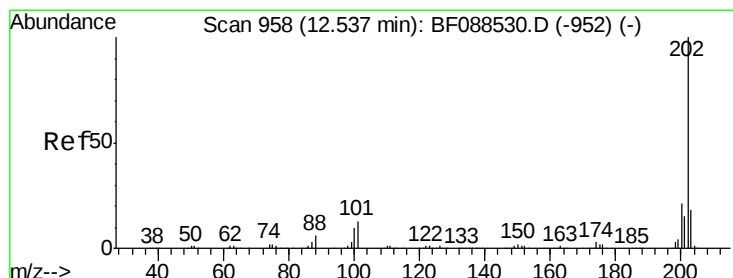
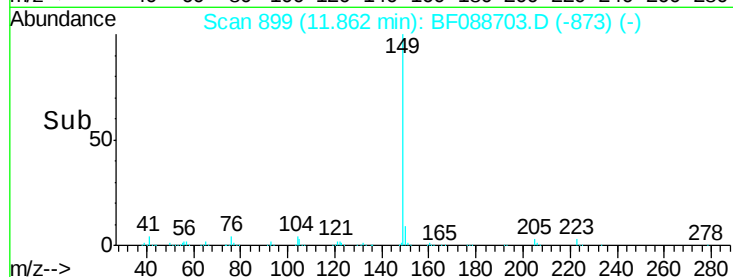
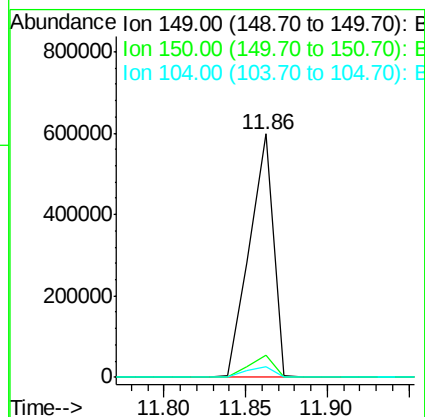
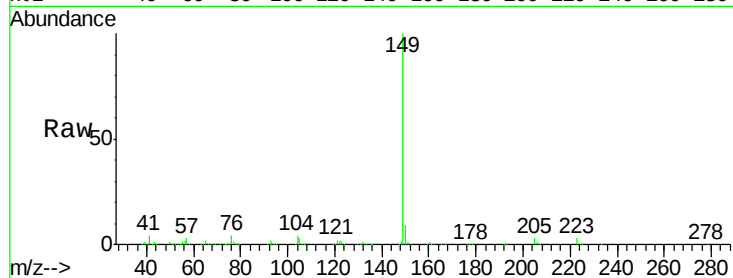
BS-2C-8.5-9FTMSD

Tot Ion:	149	Resp:	609960
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	4.2	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 20.60 ng

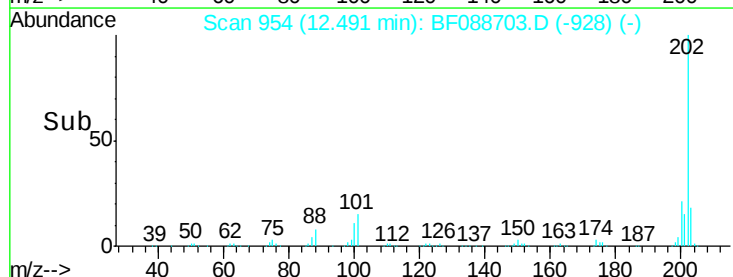
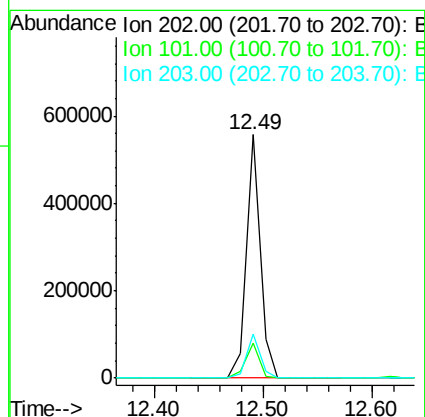
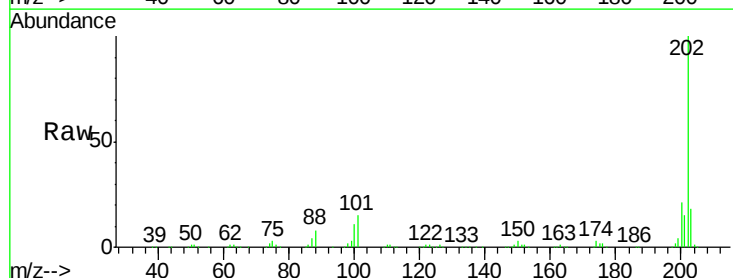
RT: 12.49 min Scan# 954

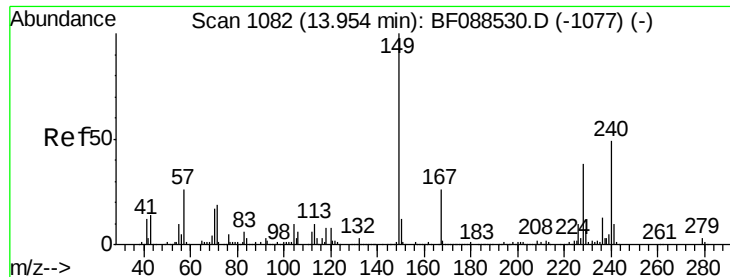
Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Tgt Ion:	202	Resp:	485467
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	33.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMSD

Tot Ion:240 Resp: 291461

Ion Ratio Lower Upper

240 100

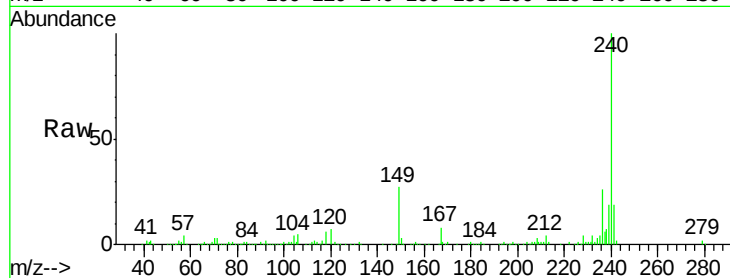
120 7.0 6.8 10.2

236 26.1 20.2 30.2

Manual Integrations

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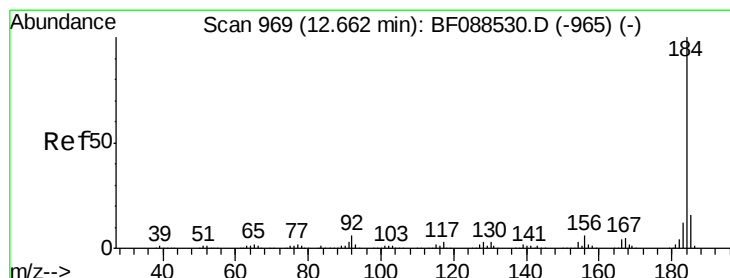
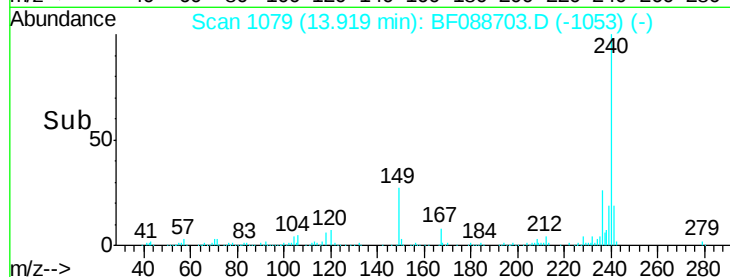
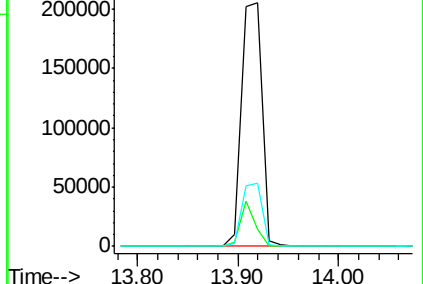
7/6/2016 7:19:07 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.38 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

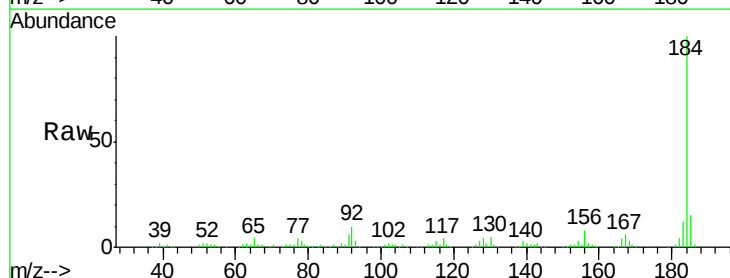
Tgt Ion:184 Resp: 315024

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

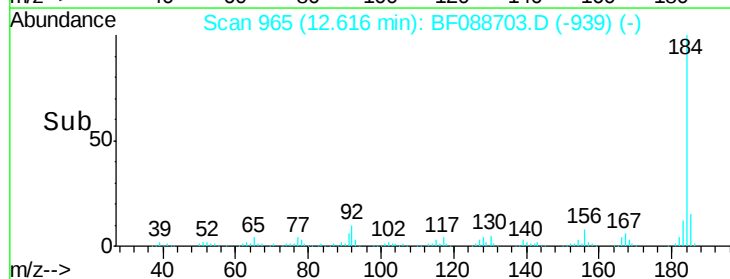
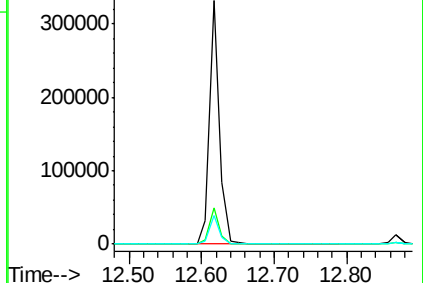
183 11.9 9.3 13.9

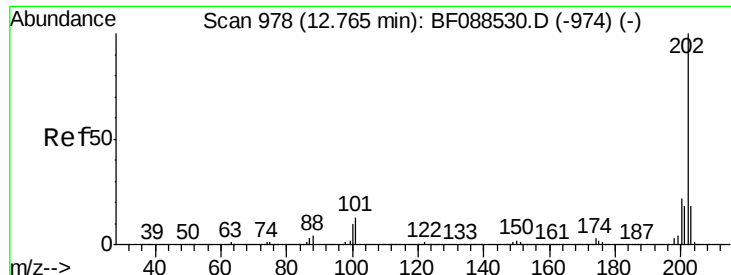


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 20.70 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

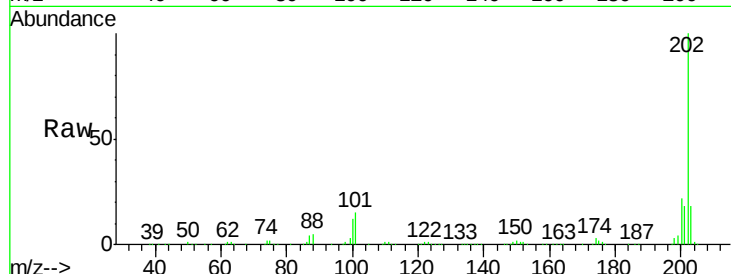
BS-2C-8.5-9FTMSD

Tot Ion:	202	Resp:	511485
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.8	14.5	21.7

Manual Integrations

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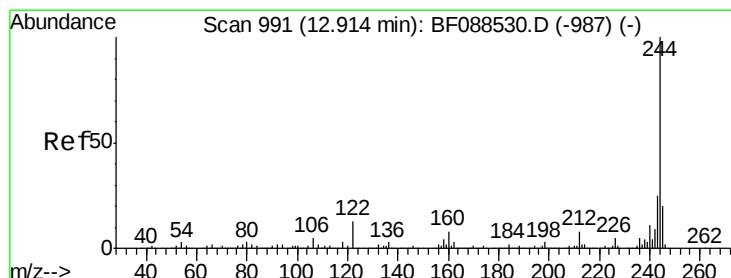
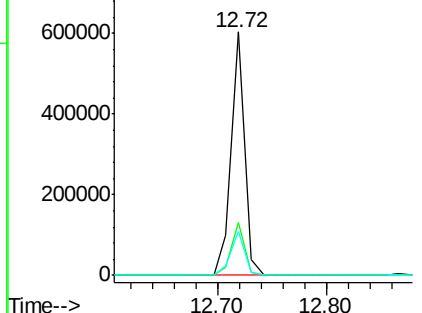
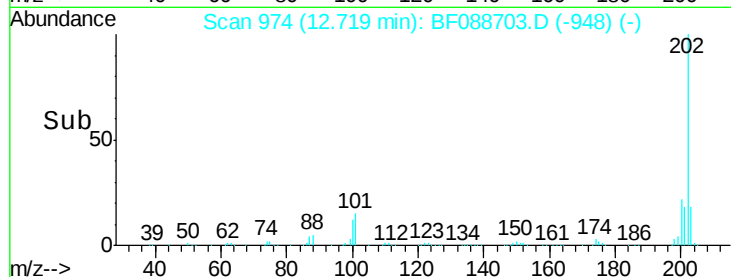
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.06 ng

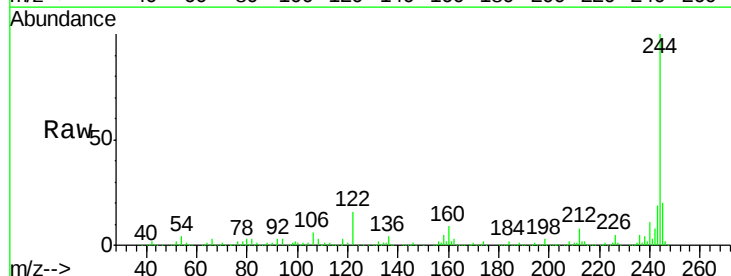
RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

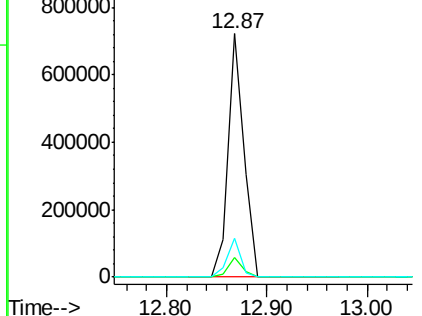
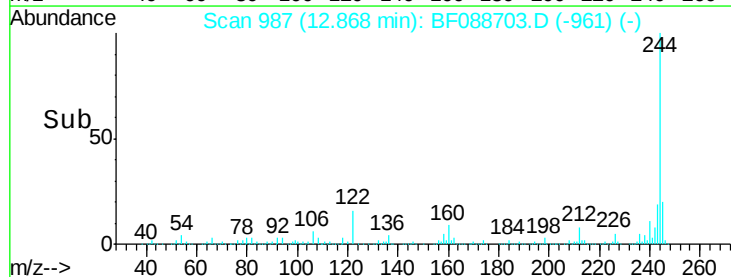
Tgt Ion:	244	Resp:	785873
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.0	9.0
122	15.7	11.2	16.8

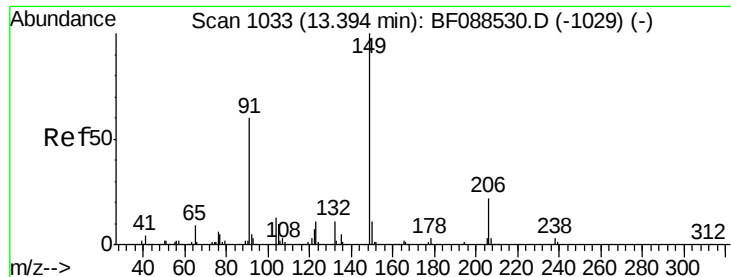


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 22.09 ng

RT: 13.35 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMSD

Tot Ion:149 Resp: 243477

Ion Ratio Lower Upper

149 100

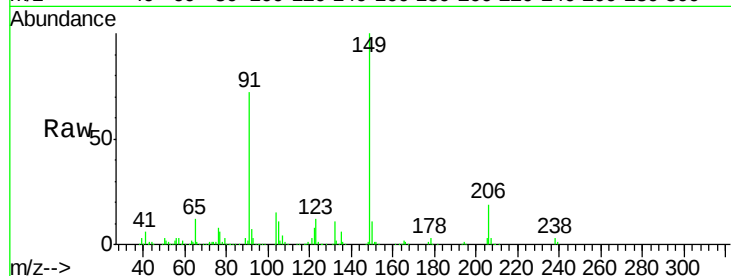
91 72.4 48.0 72.0#

206 18.9 16.0 24.0

Manual Integrations

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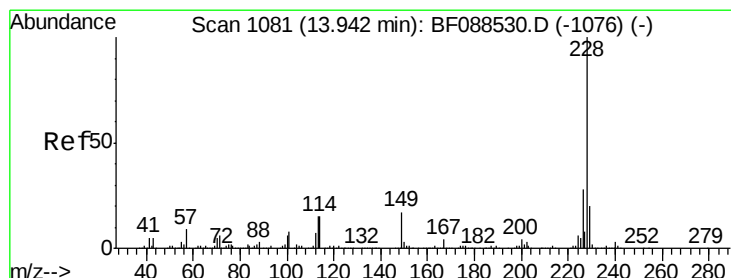
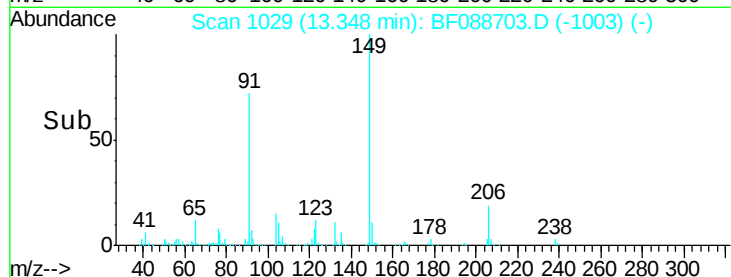
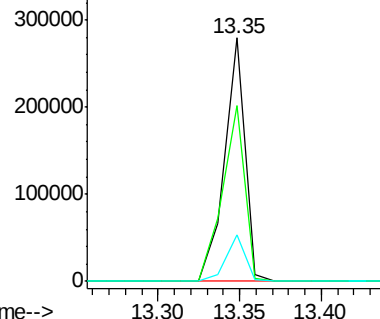
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 21.23 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088703.D

Acq: 5 Jul 2016 15:16

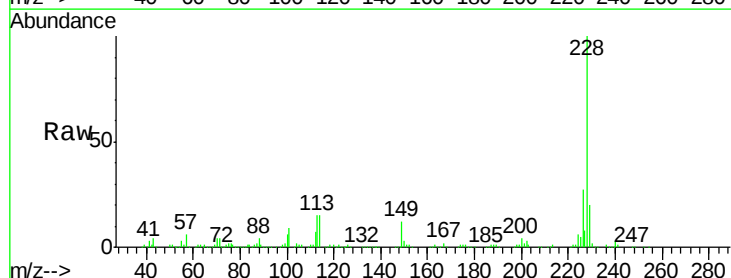
Tgt Ion:228 Resp: 398398

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

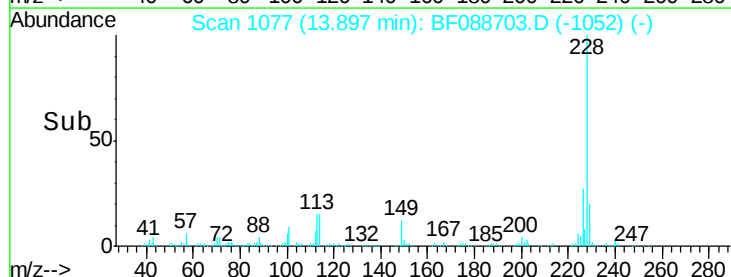
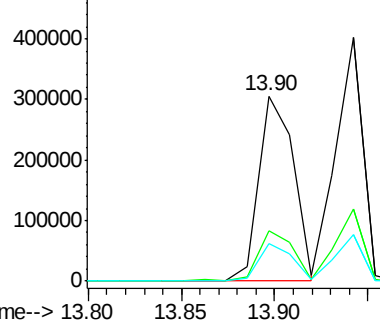
229 19.9 16.0 24.0

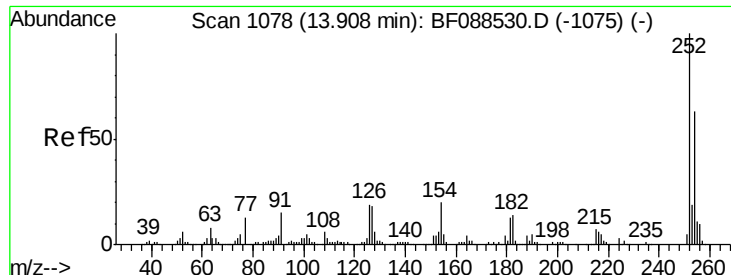


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





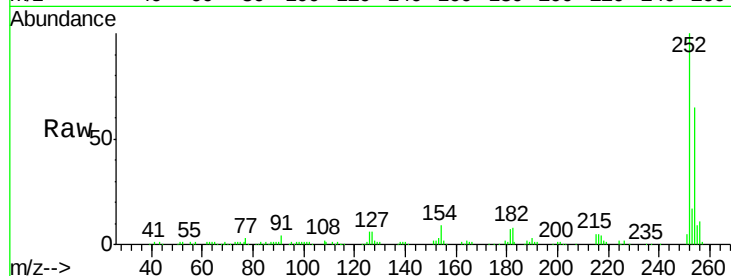
#81
 3,3'-Dichlorobenzidine
 Concen: 19.23 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

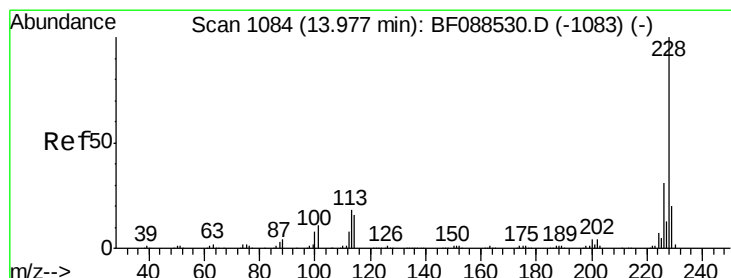
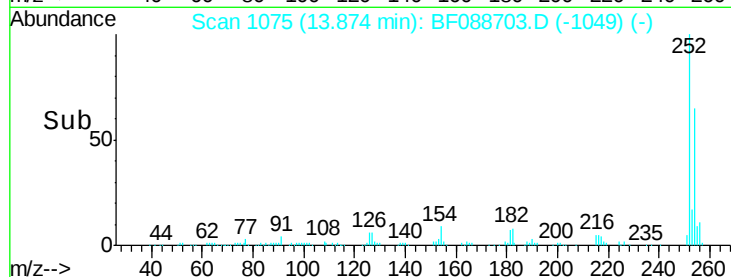
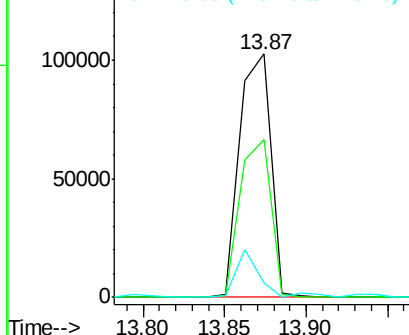
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	78.8
126	6.0	6.2	9.2

Manual Integrations

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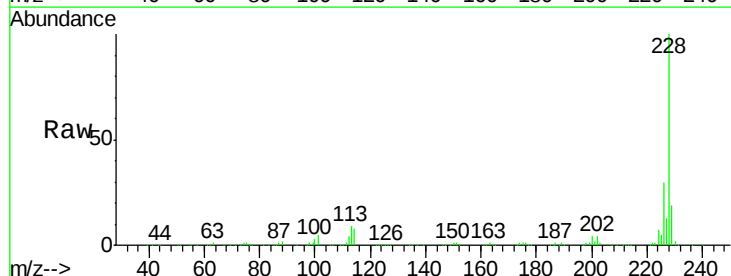


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

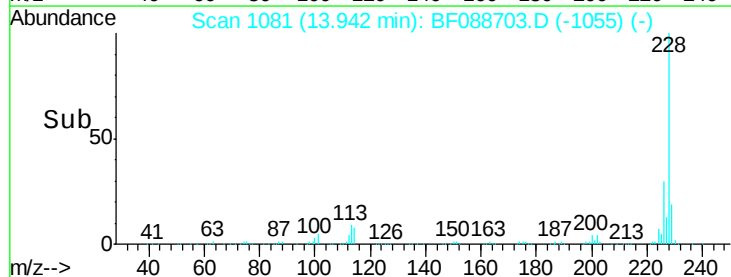
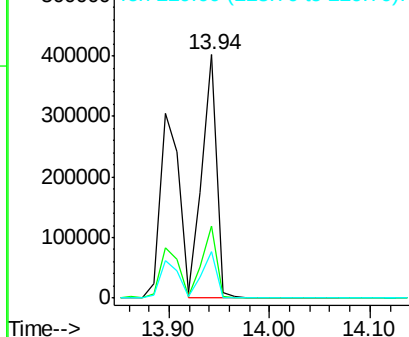


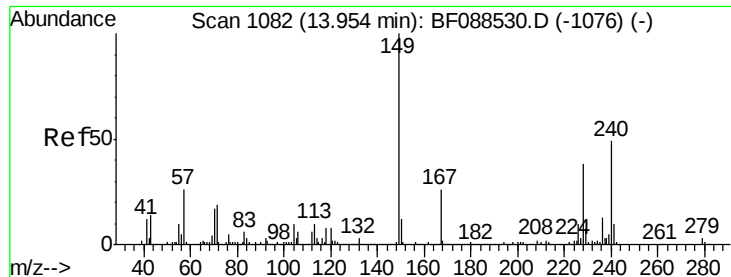
#82
 Chrysene
 Concen: 21.81 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.2
229	19.3	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





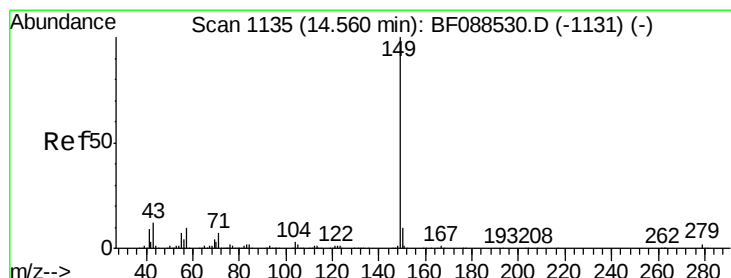
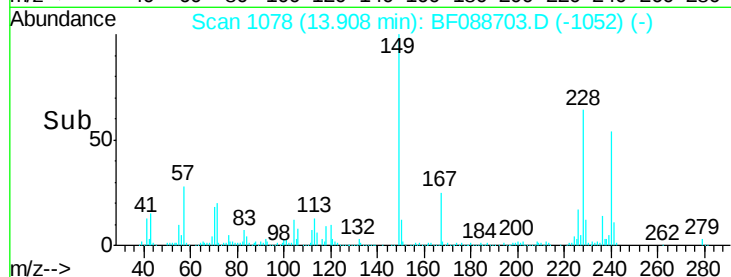
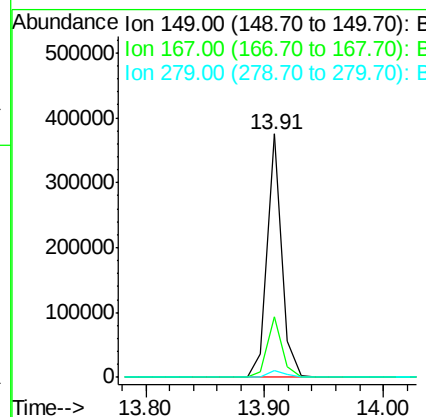
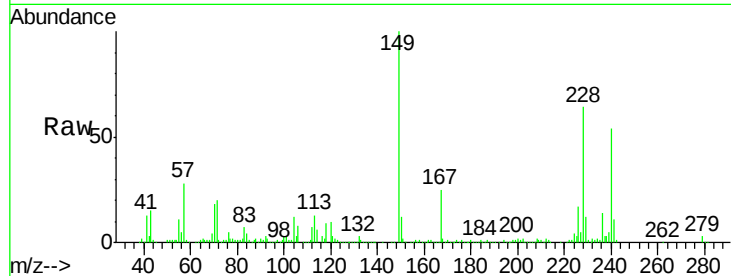
#83
Bis(2-ethylhexyl)phthalate
Concen: 25.66 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.5	30.7
279	2.6	2.0	3.0

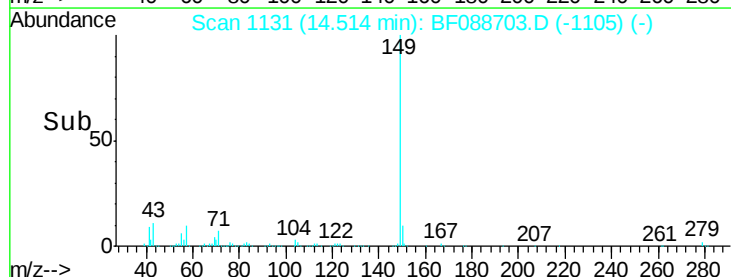
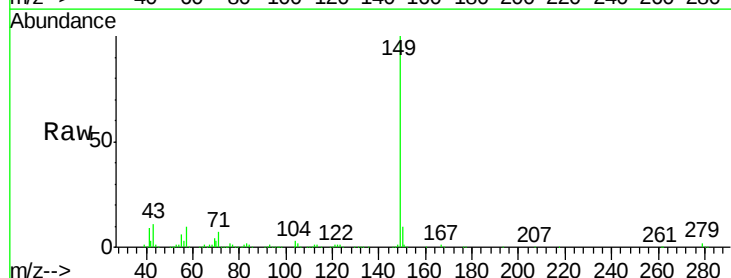
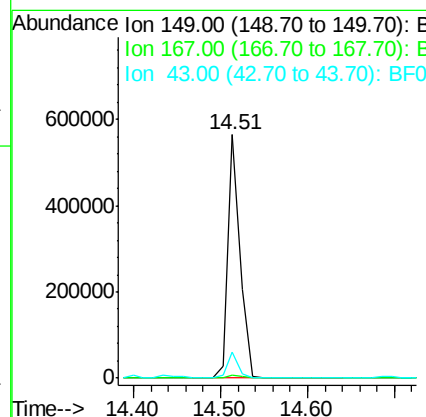
Manual Integrations

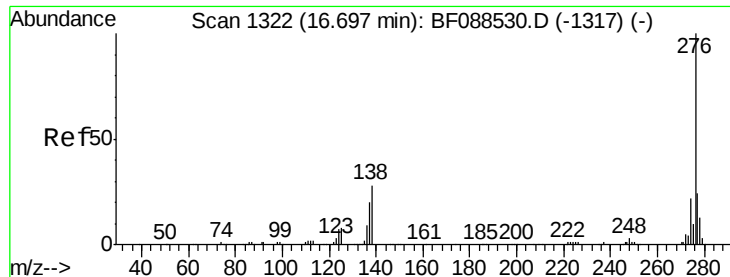
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#84
Di-n-octyl phthalate
Concen: 25.92 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.5	0.0	0.0#





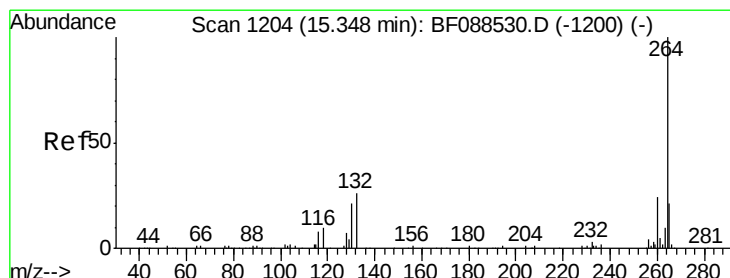
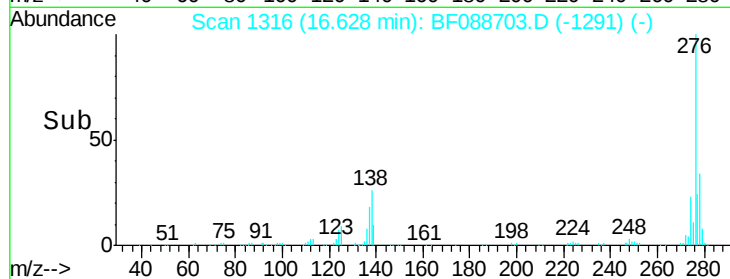
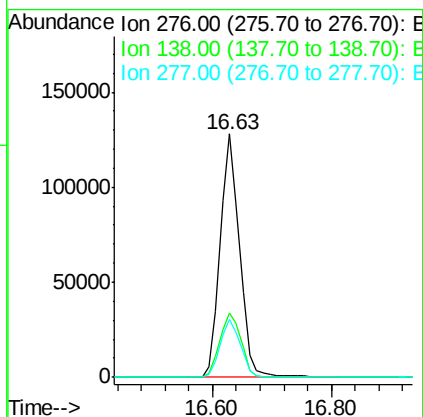
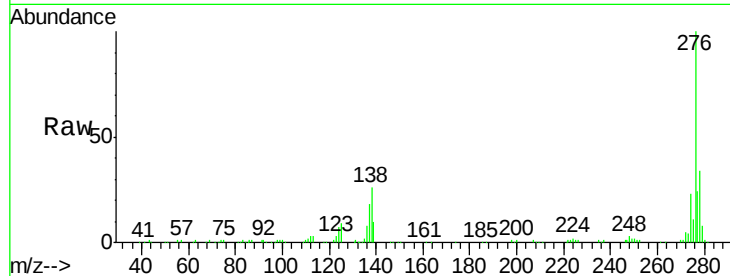
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.31 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	290116		
138	29.0	0.0	0.0	0.0
277	25.1	0.0	0.0	0.0

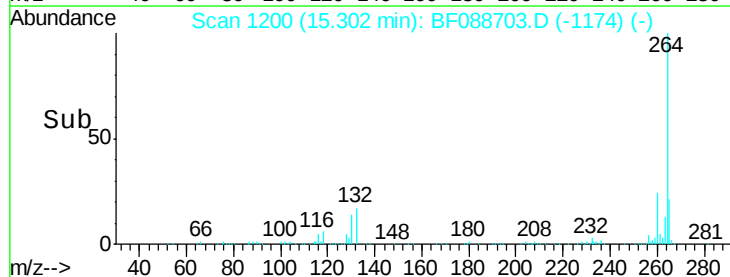
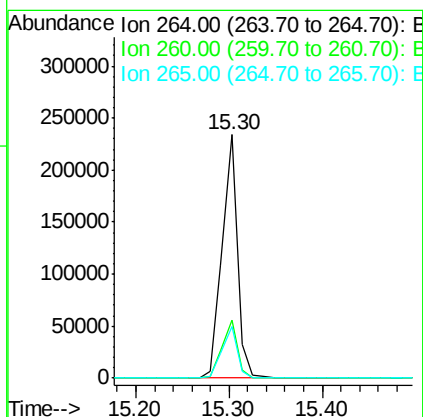
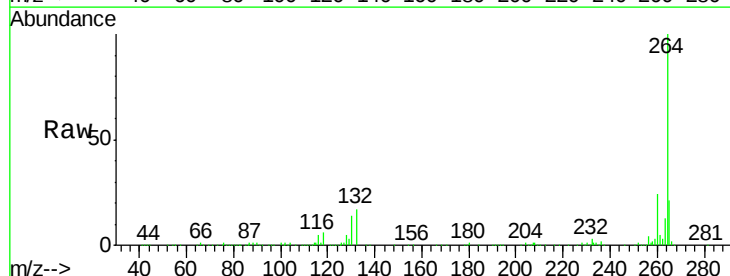
Manual Integrations

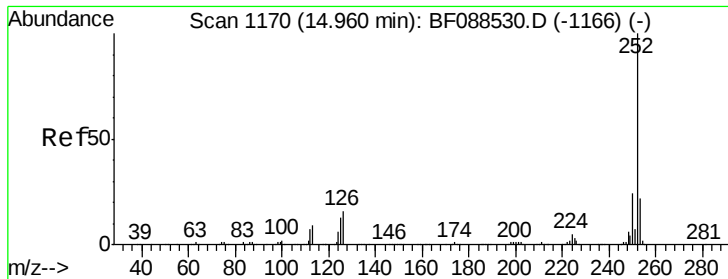
sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	266678		
260	24.0	19.2	28.8	
265	21.4	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 22.52 ng m

RT: 14.91 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF088703.D

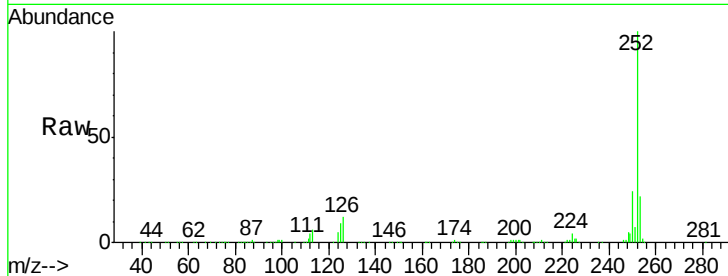
Acq: 5 Jul 2016 15:16

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMSD

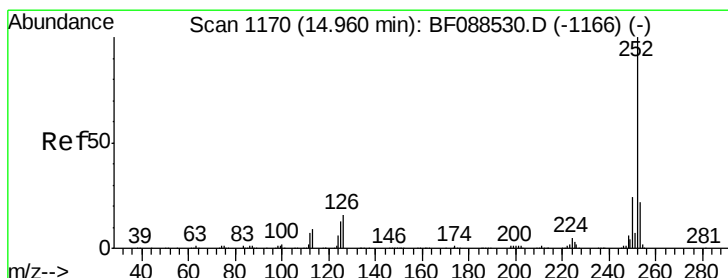
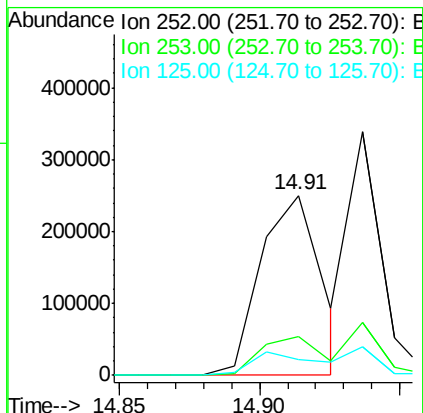
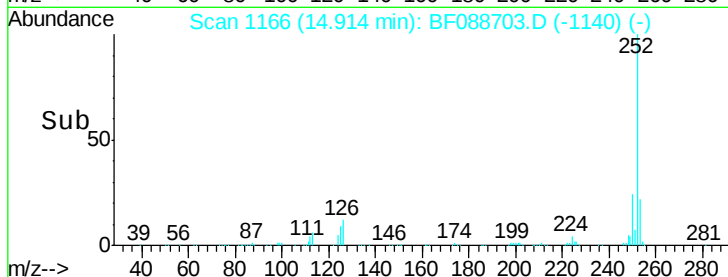


Tot Ion:	252	Resp:	376671
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	8.7	7.1	10.7

Manual Integrations

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#88

Benzo(k)fluoranthene

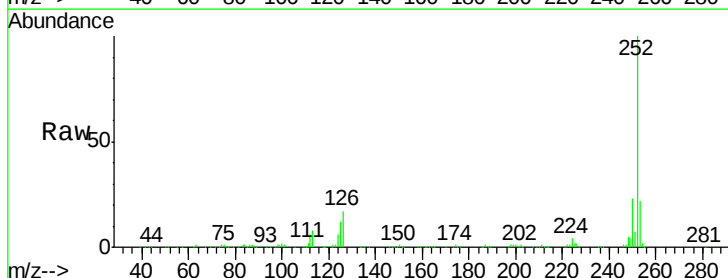
Concen: 18.89 ng m

RT: 14.94 min Scan# 1168

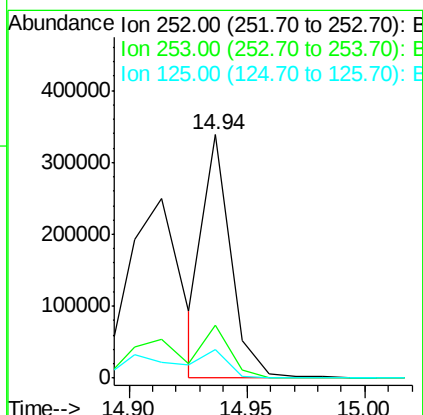
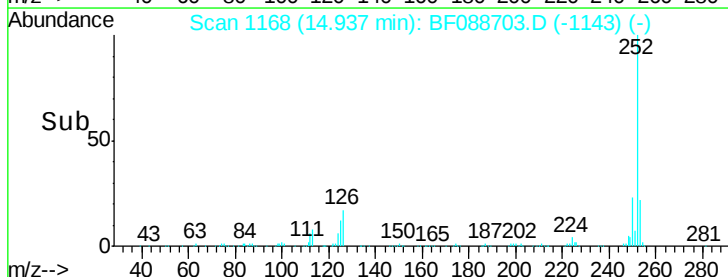
Delta R.T. -0.01 min

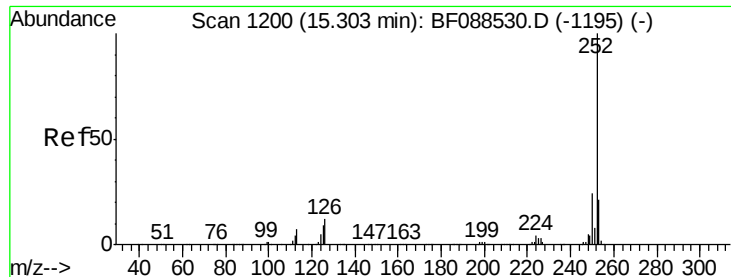
Lab File: BF088703.D

Acq: 5 Jul 2016 15:16



Tgt Ion:	252	Resp:	275171
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	11.9	11.2	16.8





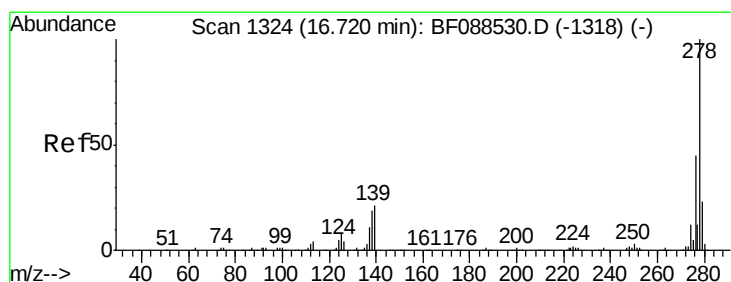
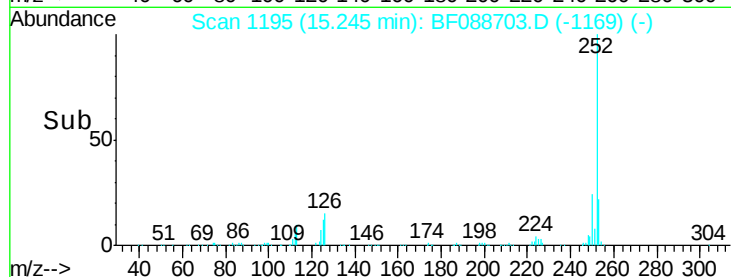
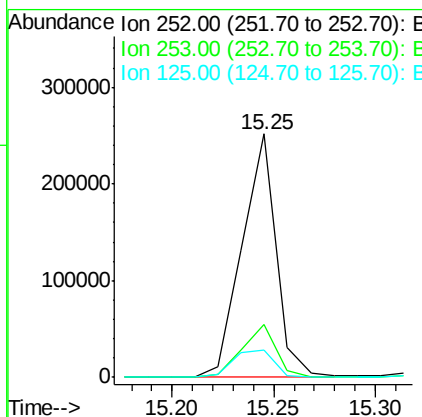
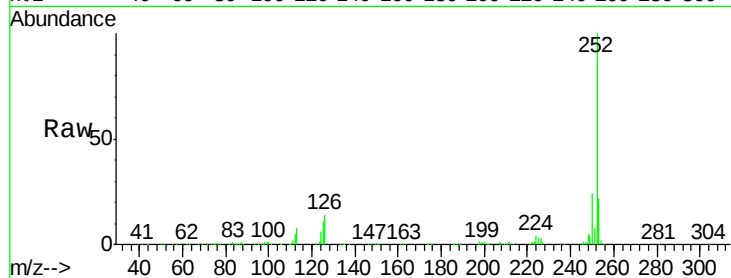
#89
Benzo(a)pyrene
Concen: 20.83 ng/ml
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.0	12.5	18.7

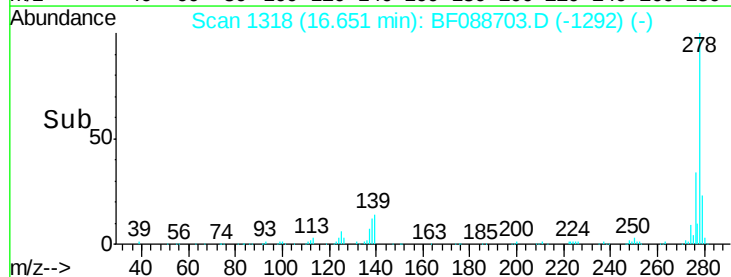
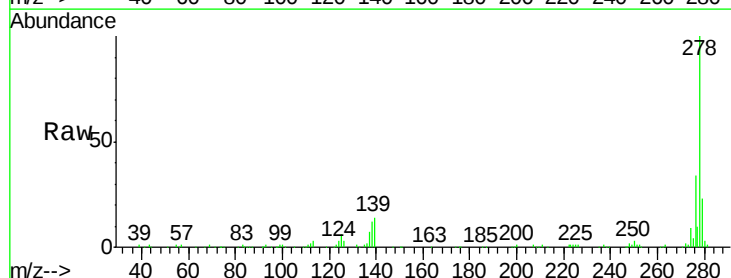
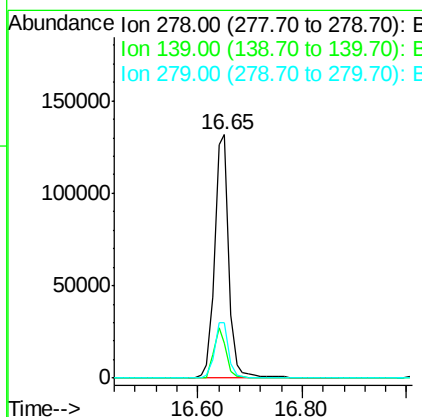
Manual Integrations

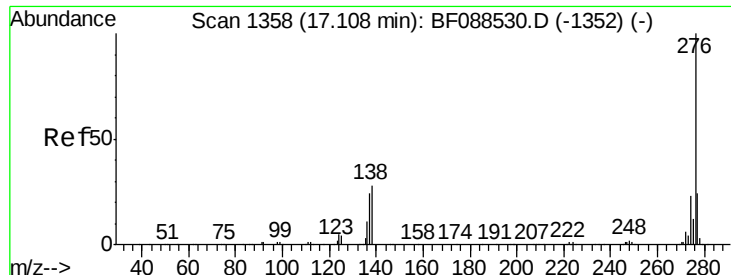
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 21.14 ng
RT: 16.65 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF088703.D
Acq: 5 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.7	23.5
279	22.7	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 19.16 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF088703.D
 Acq: 5 Jul 2016 15:16

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMSD

Tot Ion:	276	Resp:	234530
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.9	28.3
138	24.5	21.4	32.2

Manual Integrations

sohil
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