

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033016\
 Data File : BF085878.D
 Acq On : 30 Mar 2016 10:56
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 3/31/2016 4:51:26 PM

Quant Time: Mar 30 12:44:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131146	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	521844	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	240128	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	455638	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	334569	20.00	ng	-0.01
86) Perylene-d12	15.37	264	264128	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	660188	83.84	ng	-0.01
7) Phenol-d6	6.45	99	819093	81.81	ng	-0.01
23) Nitrobenzene-d5	7.37	82	743793	80.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	173227	75.93	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	1154429	80.32	ng	-0.02
78) Terphenyl-d14	12.91	244	1139735	70.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	153446m	40.81	ng	
3) Pyridine	3.05	79	352784	39.13	ng	99
4) n-Nitrosodimethylamine	3.01	42	167307	46.36	ng	100
6) Aniline	6.46	93	513445	38.10	ng	# 27
8) 2-Chlorophenol	6.58	128	377125	41.22	ng	95
9) Benzaldehyde	6.34	77	220221	36.51	ng	98
10) Phenol	6.46	94	493082	43.47	ng	77
11) bis(2-Chloroethyl)ether	6.54	93	331950	38.03	ng	97
12) 1,3-Dichlorobenzene	6.74	146	395174	40.11	ng	99
13) 1,4-Dichlorobenzene	6.81	146	389493	38.98	ng	99
14) 1,2-Dichlorobenzene	6.97	146	387471	41.61	ng	100
15) Benzyl Alcohol	6.95	79	261561	39.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	470823	40.65	ng	95
17) 2-Methylphenol	7.06	107	280703	38.32	ng	98
18) Hexachloroethane	7.32	117	147409	40.29	ng	90
19) n-Nitroso-di-n-propylamine	7.22	70	228427	38.10	ng	96
20) 3+4-Methylphenols	7.22	107	338525	38.44	ng	# 84
22) Acetophenone	7.21	105	476637	39.21	ng	98
24) Nitrobenzene	7.40	77	384444	40.24	ng	# 78
25) Isophorone	7.64	82	720274	40.35	ng	94
26) 2-Nitrophenol	7.70	139	189226	39.60	ng	# 86
27) 2,4-Dimethylphenol	7.75	122	343470	41.12	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	416199	40.92	ng	99
29) 2,4-Dichlorophenol	7.96	162	291316	41.49	ng	94
30) 1,2,4-Trichlorobenzene	8.04	180	314379	40.33	ng	93
31) Naphthalene	8.10	128	1016462	38.66	ng	100
32) Benzoic acid	7.89	122	250092	45.08	ng	99
33) 4-Chloroaniline	8.16	127	405452	37.77	ng	# 94
34) Hexachlorobutadiene	8.23	225	174978	41.30	ng	99
35) Caprolactam	8.55	113	95885	38.55	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	334063	40.73	ng	99
37) 2-Methylnaphthalene	8.80	142	660449	42.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	302369	42.46	ng	99
40) Hexachlorocyclopentadiene	8.95	237	85297	34.63	ng	99

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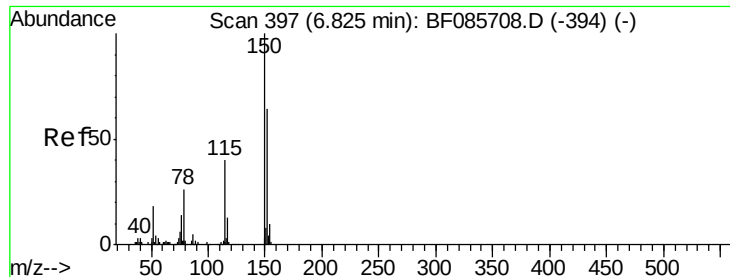
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	203415	42.30	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	197941	39.25	nq	98
45) 1,1'-Biphenyl	9.27	154	849023	41.90	nq	95
46) 2-Chloronaphthalene	9.29	162	642978	43.16	nq	97
47) 2-Nitroaniline	9.40	65	190224	41.75	nq	# 69
48) Acenaphthylene	9.70	152	950068	39.13	nq	100
49) Dimethylphthalate	9.57	163	701600	38.51	nq	99
50) 2,6-Dinitrotoluene	9.64	165	165492	42.20	nq	87
51) Acenaphthene	9.88	154	554329	37.38	nq	99
52) 3-Nitroaniline	9.81	138	205765	45.84	nq	89
53) 2,4-Dinitrophenol	9.92	184	75002	41.04	nq	# 65
54) Dibenzofuran	10.05	168	730511	38.06	nq	98
55) 4-Nitrophenol	9.98	139	118717	40.60	nq	87
56) 2,4-Dinitrotoluene	10.04	165	186721	37.46	nq	# 45
57) Fluorene	10.39	166	629191	39.44	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	145564	41.53	nq	96
59) Diethylphthalate	10.26	149	671175	37.29	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	285195	36.56	nq	97
61) 4-Nitroaniline	10.42	138	193105	44.98	nq	94
62) Azobenzene	10.54	77	672476	38.88	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	105728	39.62	nq	94
65) n-Nitrosodiphenylamine	10.50	169	565118	39.16	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	183318	39.33	nq	95
67) Hexachlorobenzene	10.94	284	188714	38.71	nq	# 85
68) Atrazine	11.03	200	161304	33.11	nq	97
69) Pentachlorophenol	11.13	266	95936	40.09	nq	98
70) Phenanthrene	11.35	178	935382	39.98	nq	100
71) Anthracene	11.41	178	983604	40.05	nq	98
72) Carbazole	11.56	167	789178	38.27	nq	99
73) Di-n-butylphthalate	11.89	149	1053042	37.21	nq	99
74) Fluoranthene	12.54	202	1016283	40.87	nq	92
76) Benzidine	12.67	184	385554	32.72	nq	97
77) Pyrene	12.77	202	1037623	37.73	nq	99
79) Butylbenzylphthalate	13.39	149	477858	41.49	nq	93
80) Benzo(a)anthracene	13.96	228	772981	40.52	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	615304	46.47	nq	# 96
82) Chrysene	13.99	228	756504	39.37	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	562496	40.79	nq	# 94
84) Di-n-octyl phthalate	14.55	149	861051	41.99	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	619585	41.76	nq	98
87) Benzo(b)fluoranthene	14.97	252	615569m	37.00	nq	
88) Benzo(k)fluoranthene	15.01	252	643444m	42.90	nq	
89) Benzo(a)pyrene	15.32	252	583133	39.47	nq	98
90) Dibenzo(a,h)anthracene	16.77	278	519696	37.86	nq	100
91) Benzo(g,h,i)perylene	17.17	276	522559	37.60	nq	98

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



#1

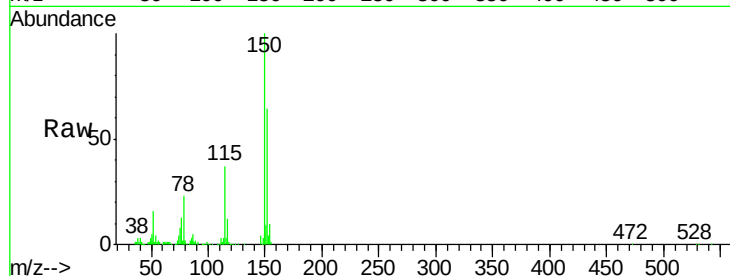
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	57.8	47.0	70.6

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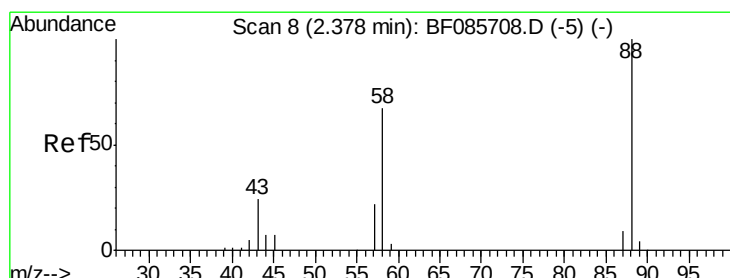
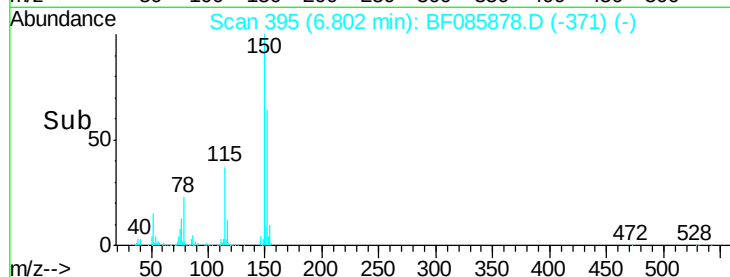
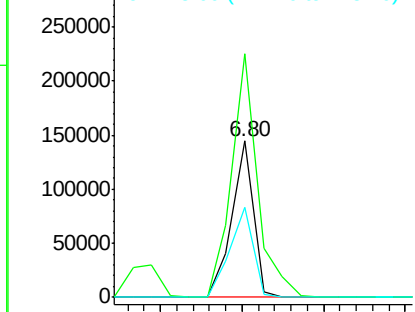


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

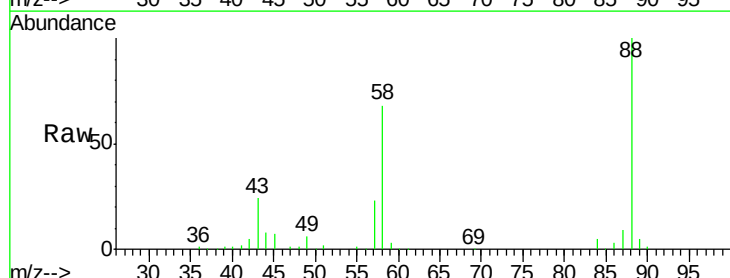
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.81 ng m
RT: 2.33 min Scan# 4
Delta R.T. -0.05 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.7	54.2	81.2
43	22.6	19.3	28.9

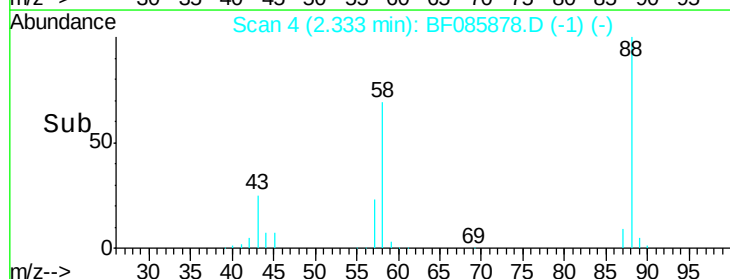
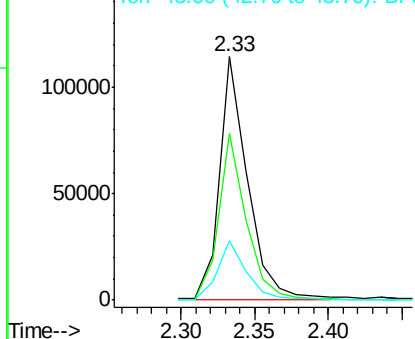


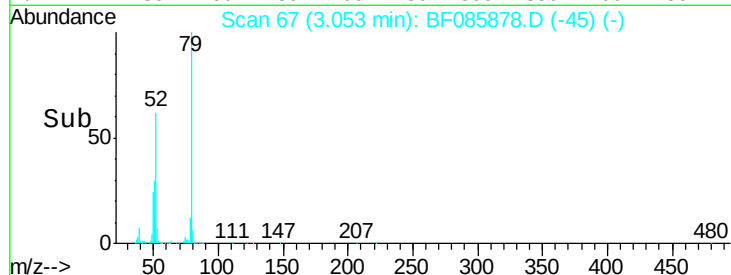
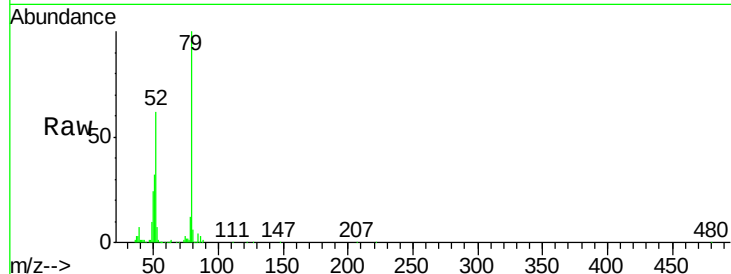
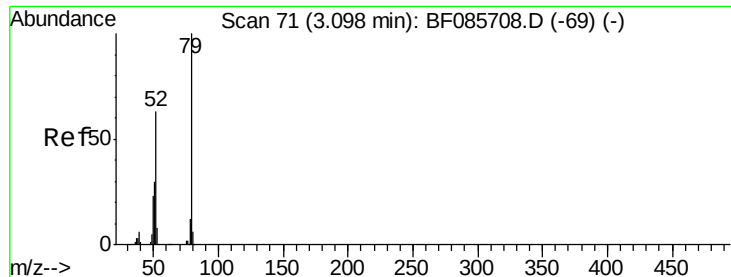
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





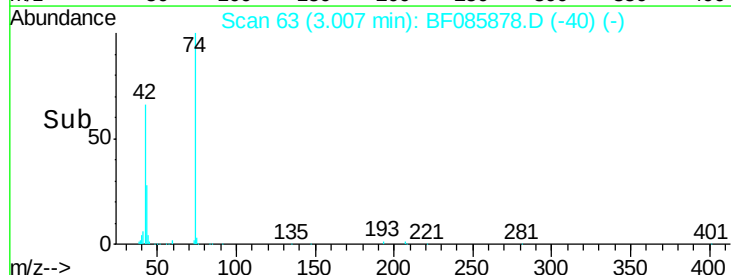
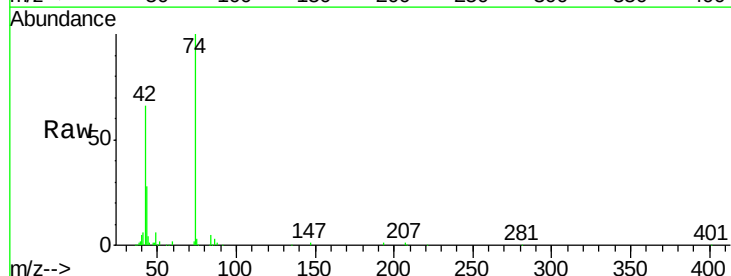
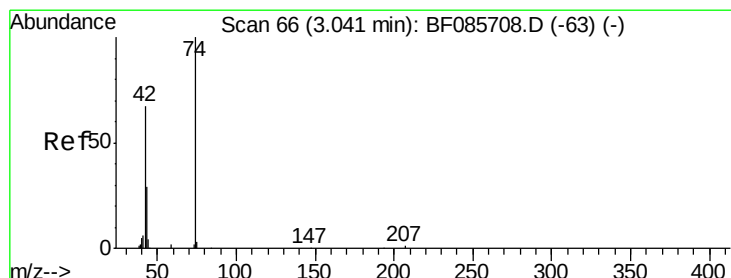
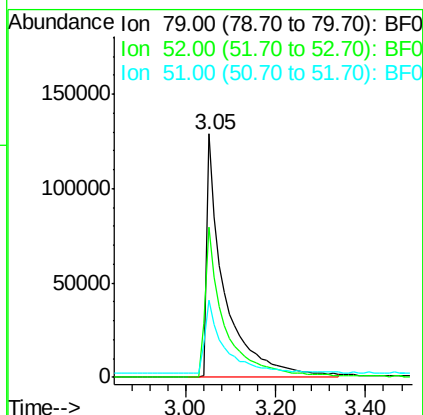
#3
Pvridine
Concen: 39.13 ng
RT: 3.05 min Scan# 67
Delta R.T. -0.05 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		352784		
52	61.6	49.8	74.6		
51	31.8	24.7	37.1		

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

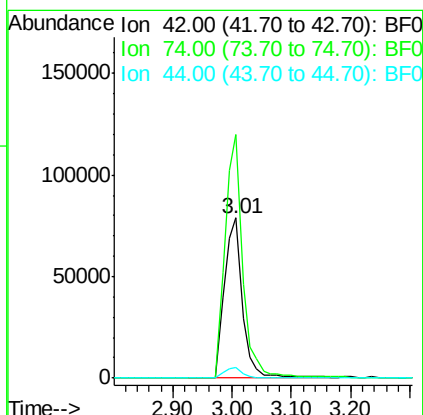
Manual Integrations
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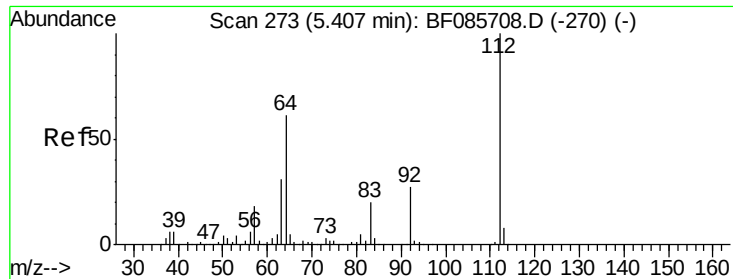
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#4
n-Nitrosodimethylamine
Concen: 46.36 ng
RT: 3.01 min Scan# 63
Delta R.T. -0.03 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		167307		
74	152.1	121.4	182.2		
44	6.7	5.6	8.4		





#5

2-Fluorophenol

Concen: 83.84 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

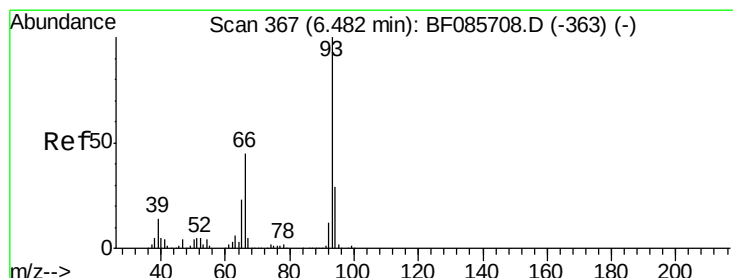
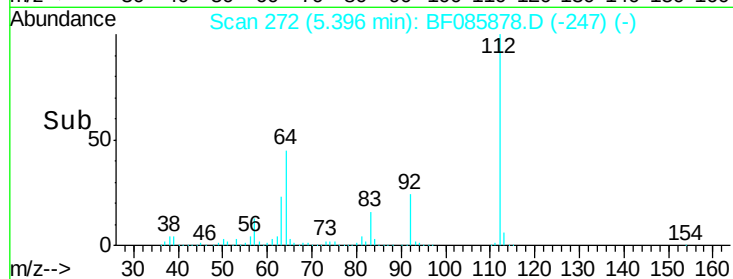
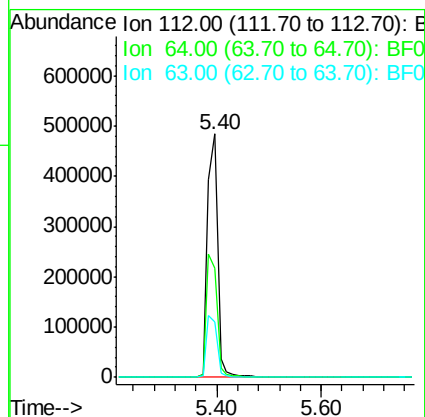
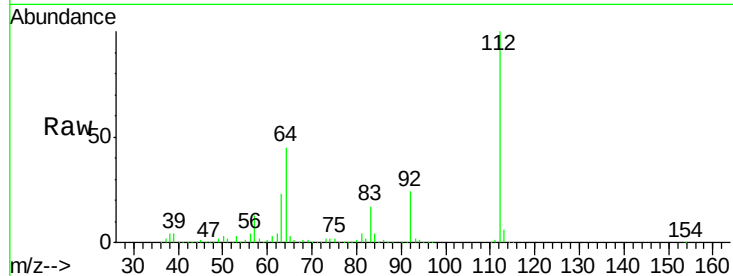
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	660188
Ion Ratio	Lower	Upper	
112	100		
64	44.6	39.9	59.9
63	22.8	20.2	30.2

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#6

Aniline

Concen: 38.10 ng

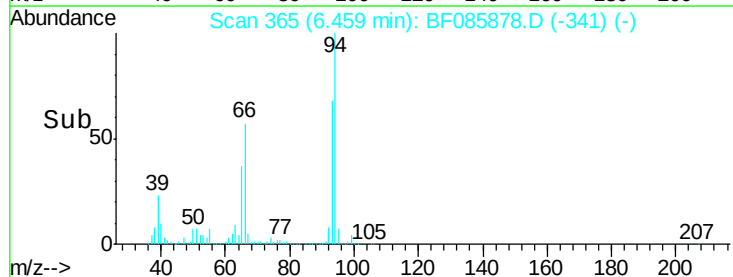
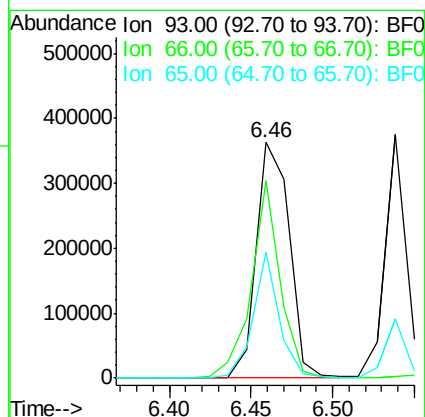
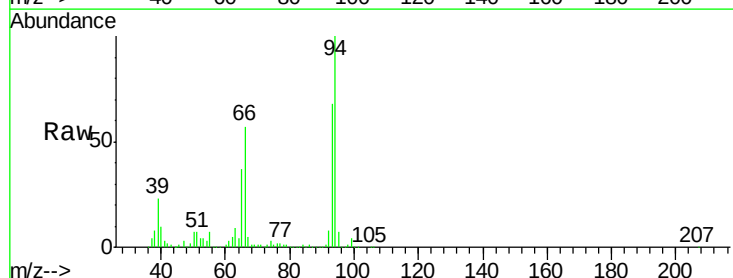
RT: 6.46 min Scan# 365

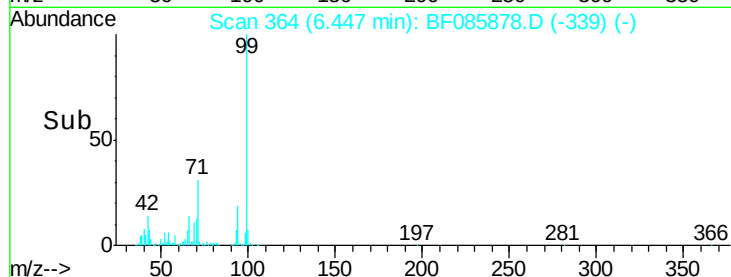
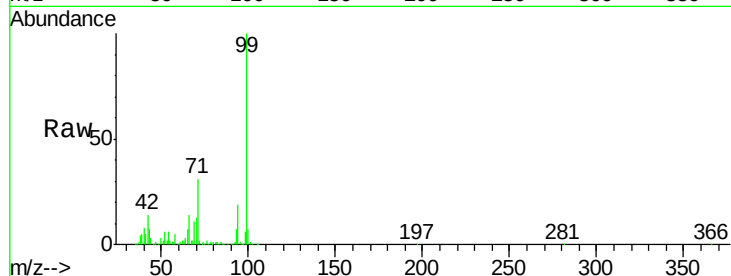
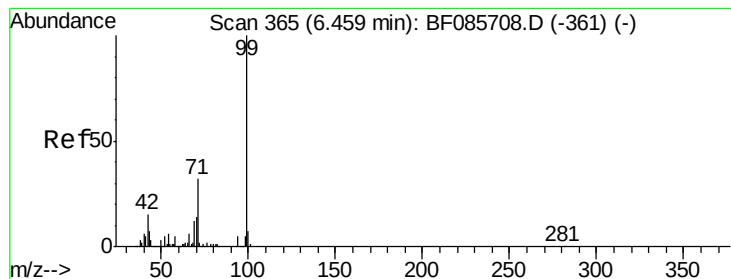
Delta R.T. -0.02 min

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Tgt Ion:	93	Resp:	513445
Ion Ratio	Lower	Upper	
93	100		
66	83.7	31.4	47.2#
65	53.6	15.7	23.5#





#7

Phenol-d6

Concen: 81.81 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tot Ion:	99	Resp:	819093
Ion Ratio	Lower	Upper	
99	100		
42	13.9	11.1	16.7
71	30.8	24.9	37.3

Instrument :

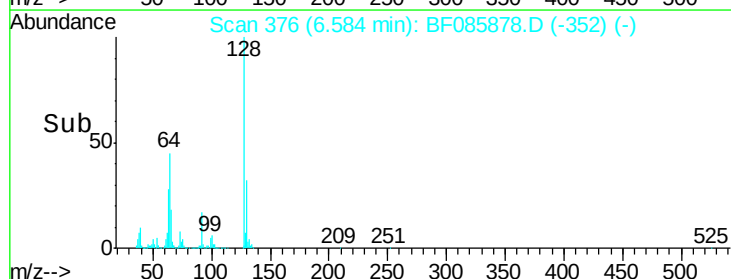
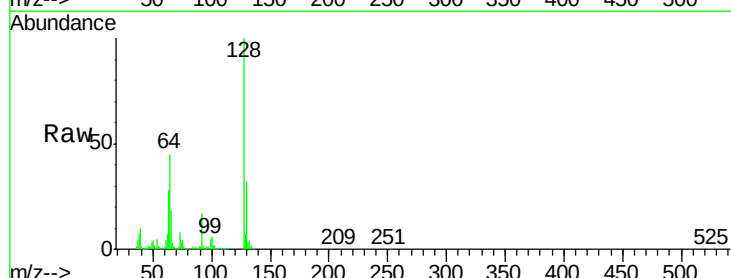
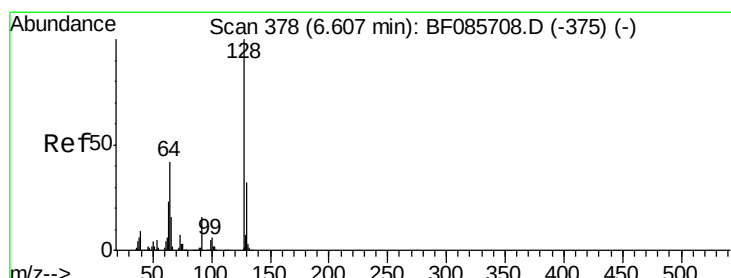
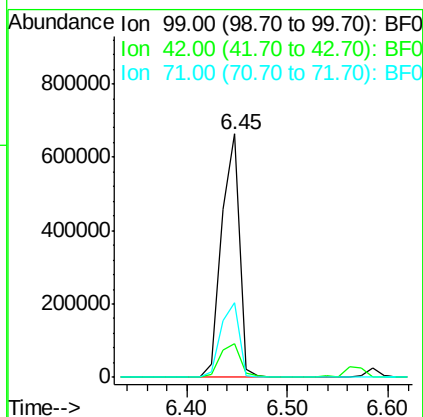
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 41.22 ng

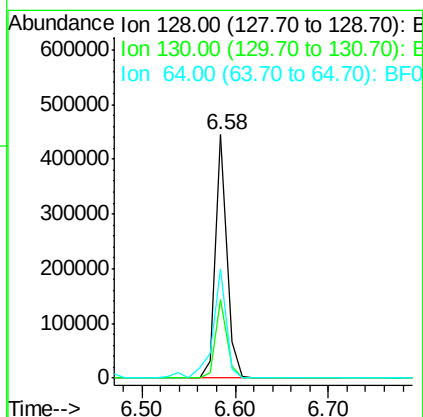
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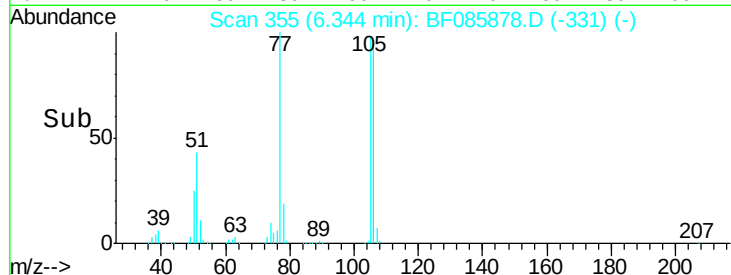
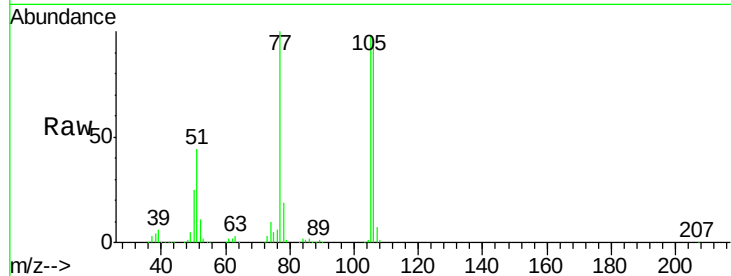
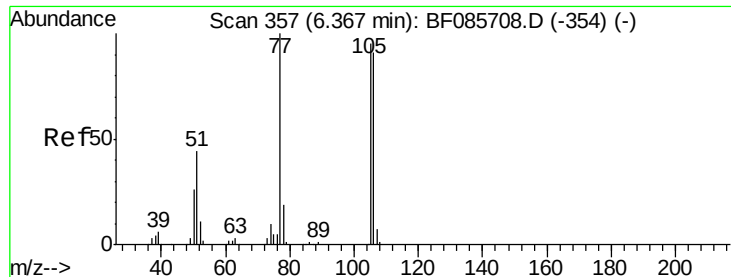
Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion:	128	Resp:	377125
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	45.0	20.2	60.2





#9

Benzaldehyde

Concen: 36.51 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.02 min

Lab File: BF085878.D

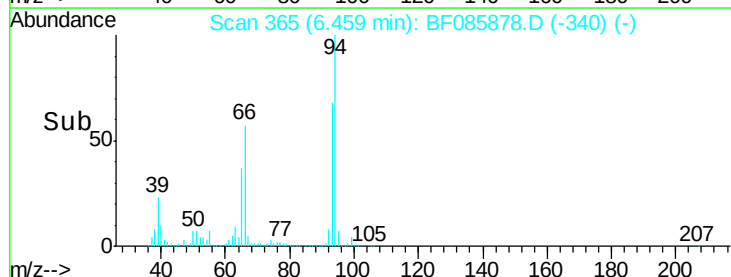
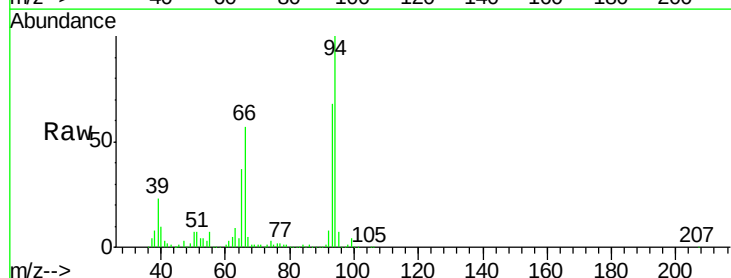
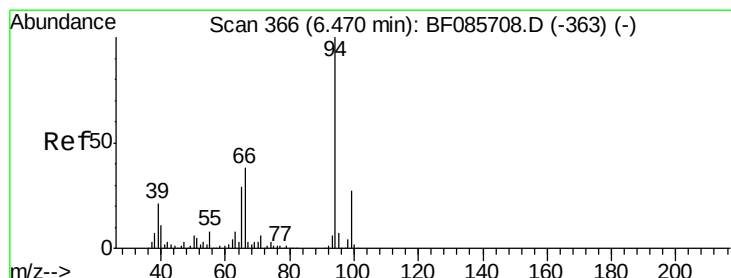
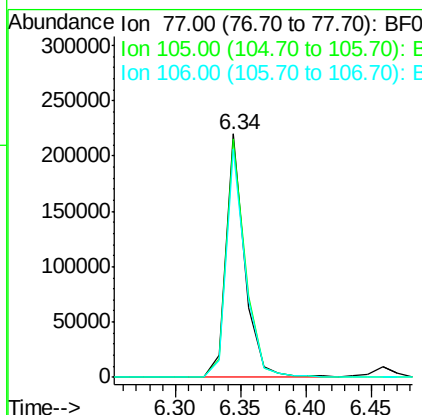
Acq: 30 Mar 2016 10:56

Tot Ion:	77	Resp:	220221
Ion Ratio	Lower	Upper	
77	100		
105	97.8	80.1	120.1
106	93.8	75.0	115.0

Instrument :
BNA_F
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#10

Phenol

Concen: 43.47 ng

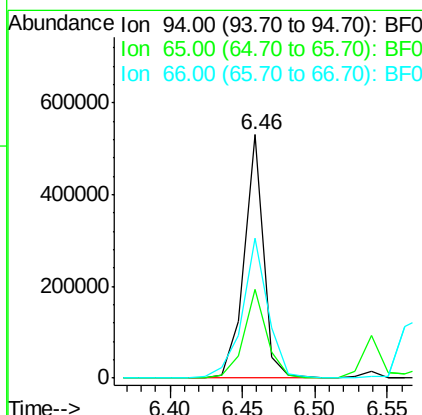
RT: 6.46 min Scan# 365

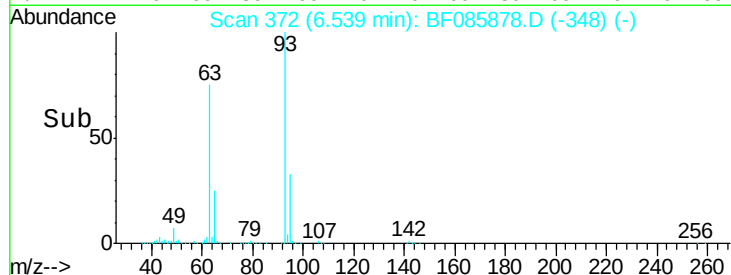
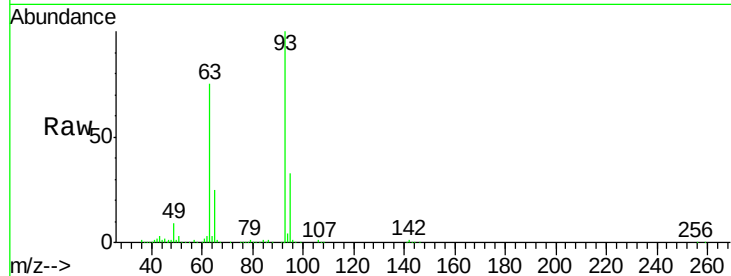
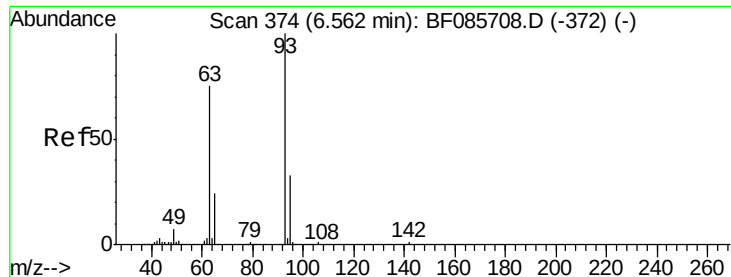
Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion:	94	Resp:	493082
Ion Ratio	Lower	Upper	
94	100		
65	36.6	8.6	48.6
66	57.2	20.0	60.0





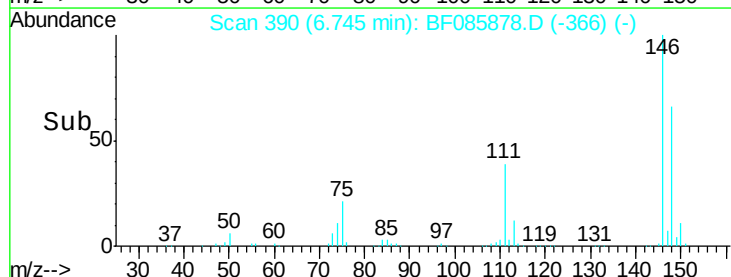
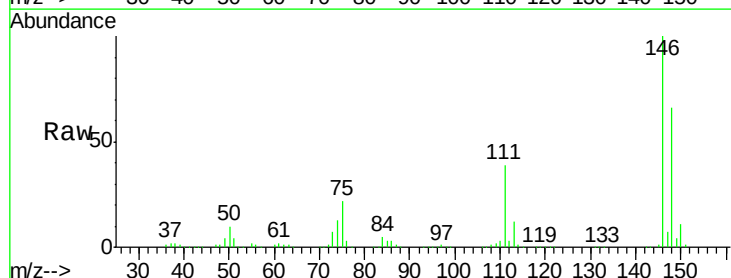
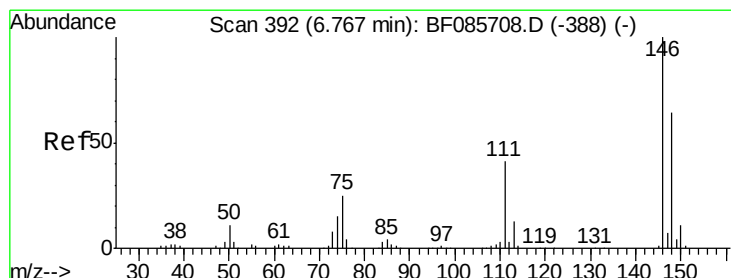
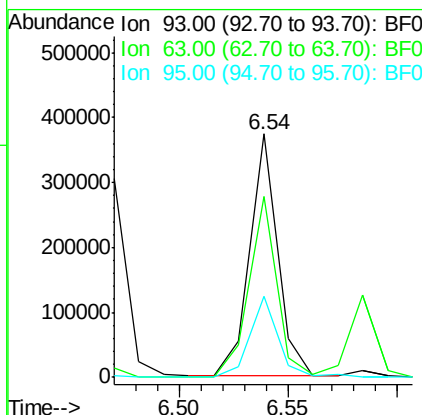
#11
bis(2-Chloroethyl)ether
Concen: 38.03 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tot Ion	Ratio	Resp	Lower	Upper
93	100	331950		
63	74.5	50.9	90.9	
95	33.4	13.3	53.3	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

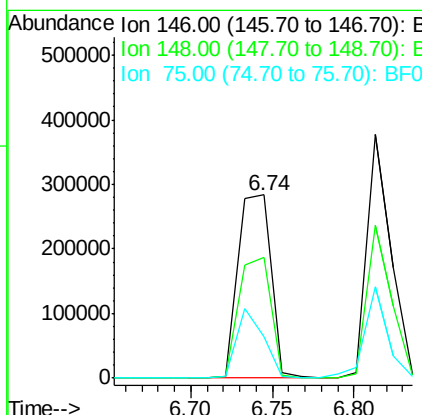
Manual Integrations
APPROVED

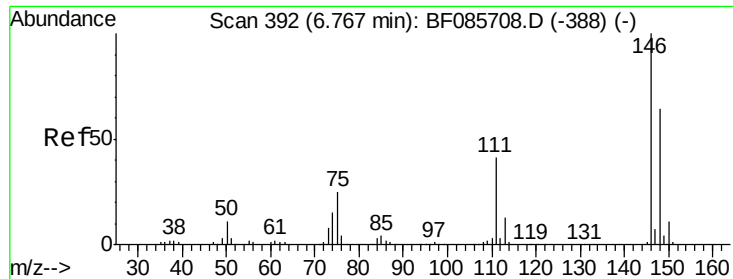
Sohil
3/31/2016 4:51:26 PM



#12
1,3-Dichlorobenzene
Concen: 40.11 ng
RT: 6.74 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395174		
148	65.7	52.3	78.5	
75	22.3	17.4	26.2	





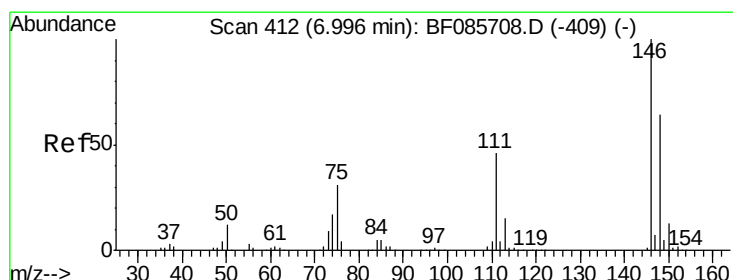
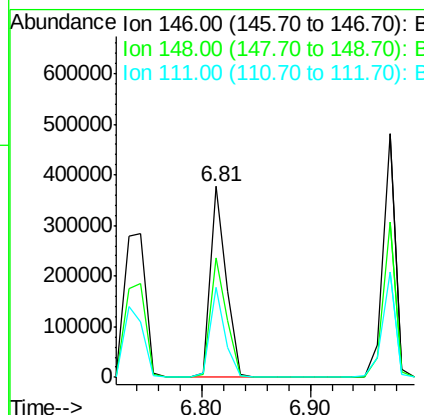
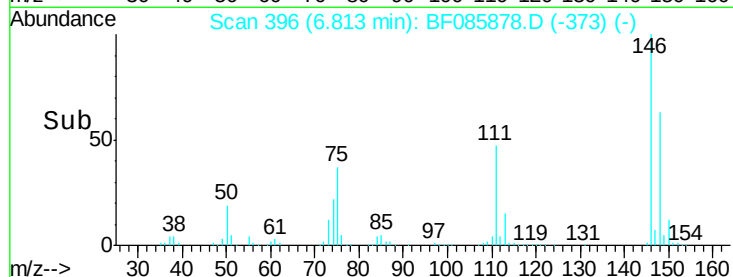
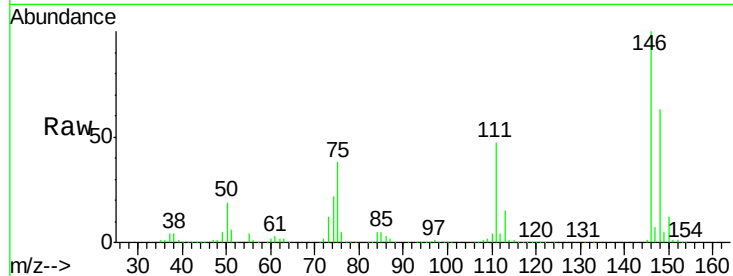
#13
1,4-Dichlorobenzene
Concen: 38.98 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.03 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	46.9	37.8	56.6

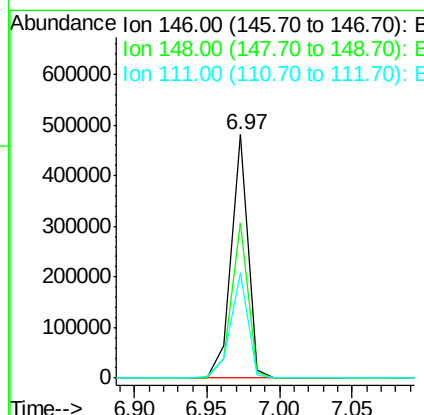
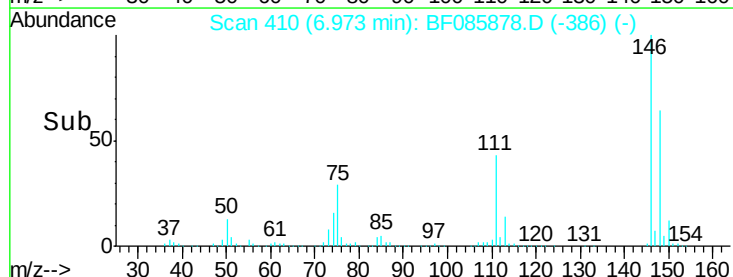
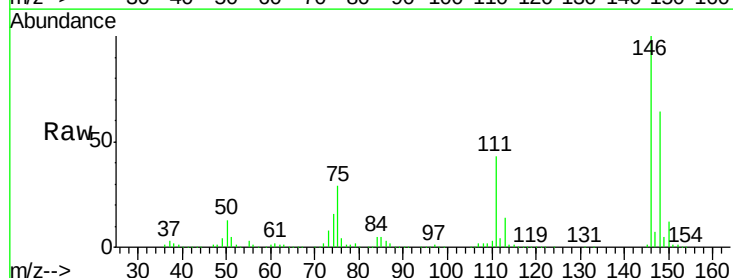
Manual Integrations
APPROVED

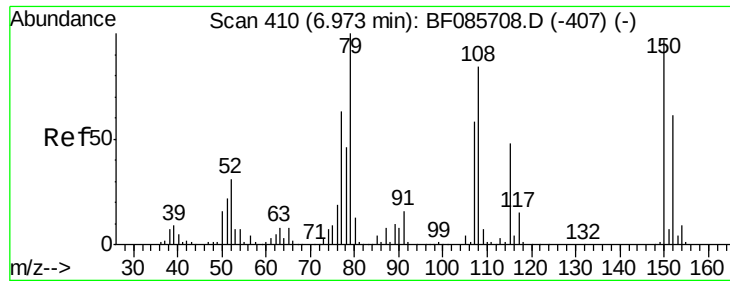
Sohil
3/31/2016 4:51:26 PM



#14
1,2-Dichlorobenzene
Concen: 41.61 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	43.1	34.6	52.0





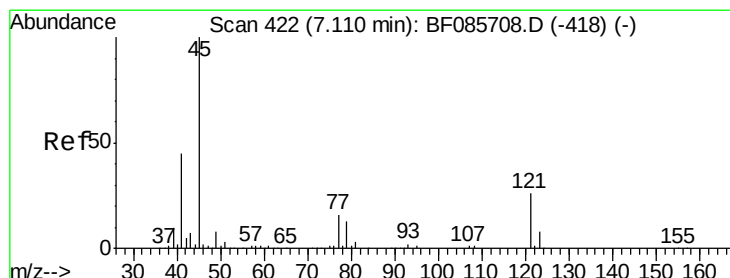
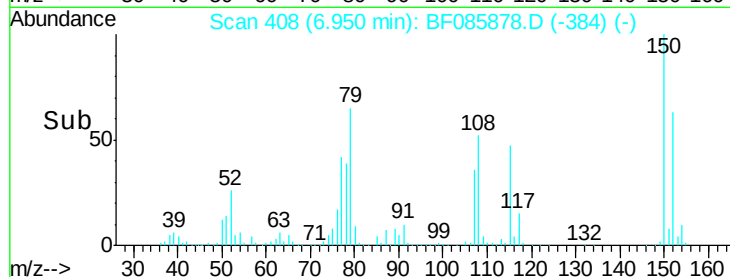
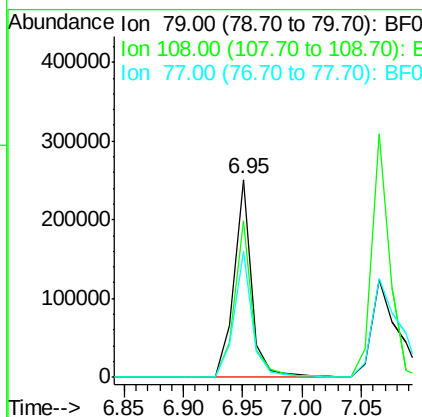
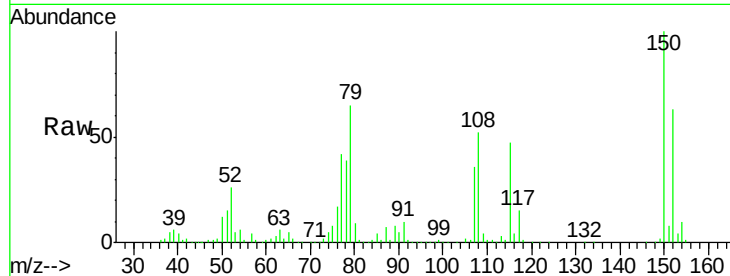
#15
Benzyl Alcohol
Concen: 39.16 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100	261561		
108	79.1	61.8	92.6	
77	63.8	49.6	74.4	

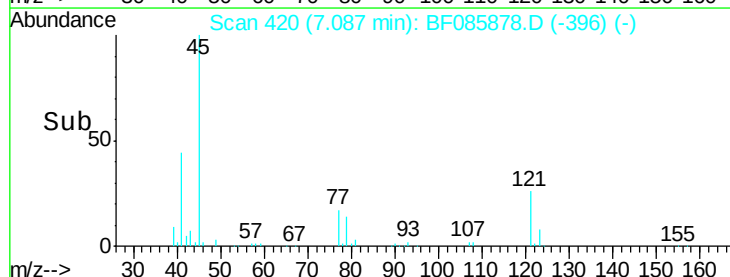
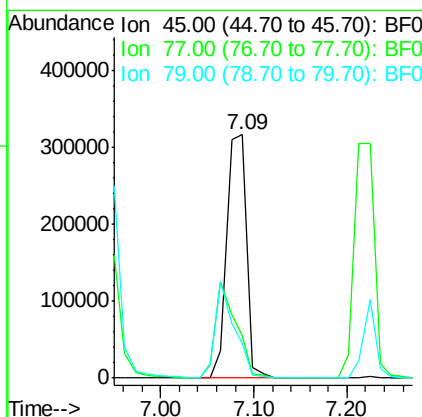
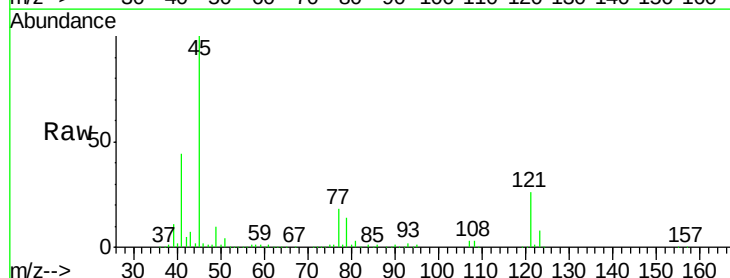
Manual Integrations
APPROVED

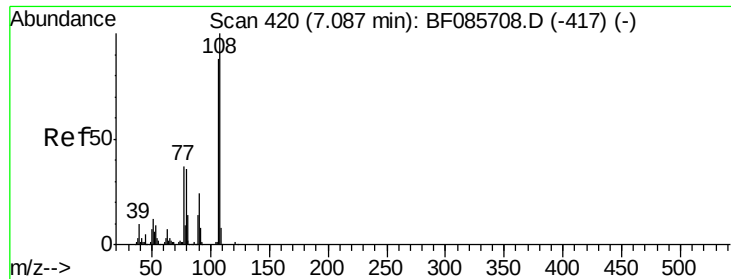
Sohil
3/31/2016 4:51:26 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.65 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	470823		
77	17.5	0.0	35.7	
79	14.2	0.0	32.2	





#17

2-Methylphenol

Concen: 38.32 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

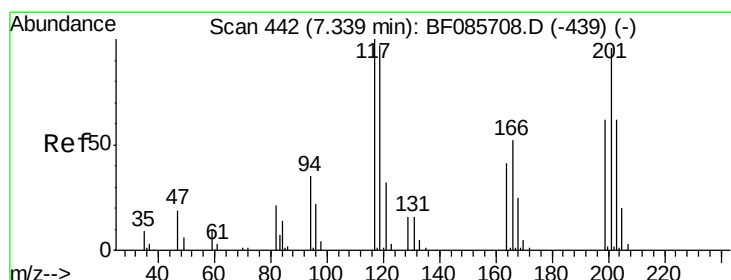
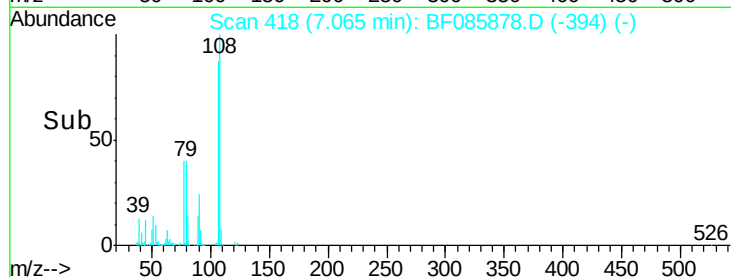
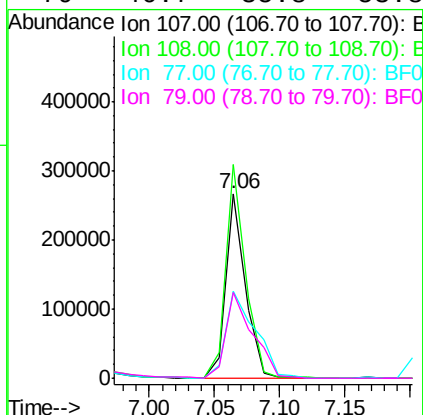
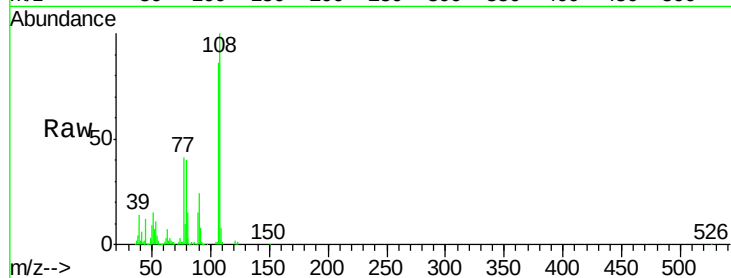
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	91.4	137.0	
77	47.0	36.2	54.2	
79	46.7	35.8	53.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 40.29 ng

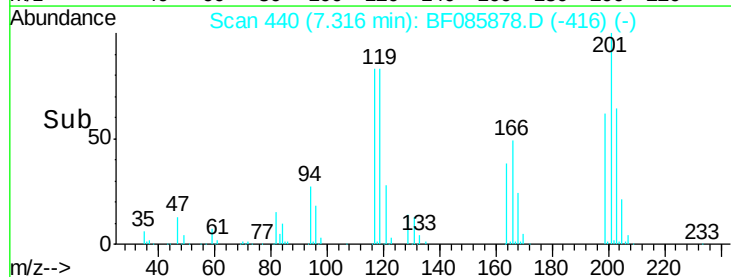
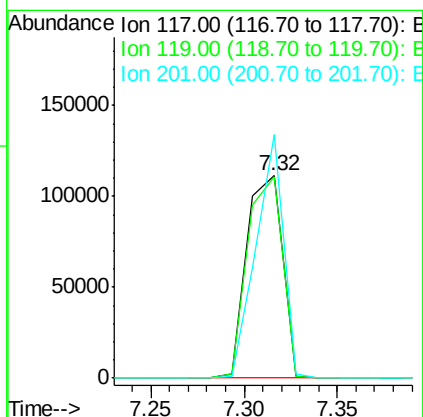
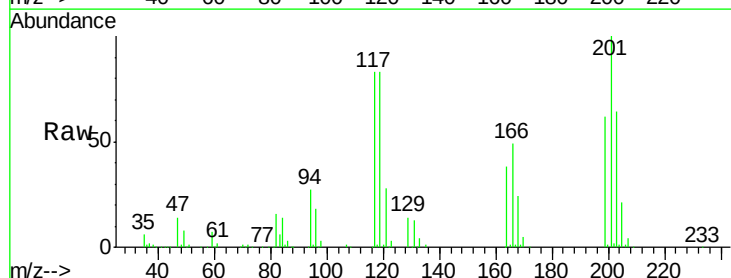
RT: 7.32 min Scan# 440

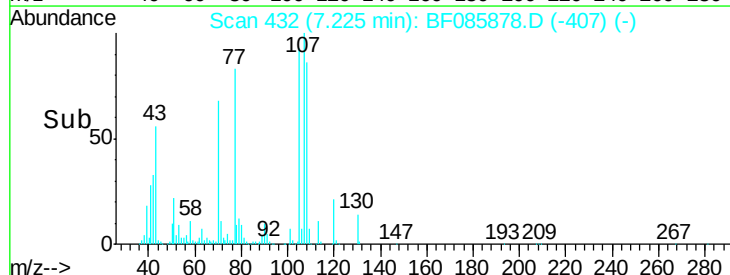
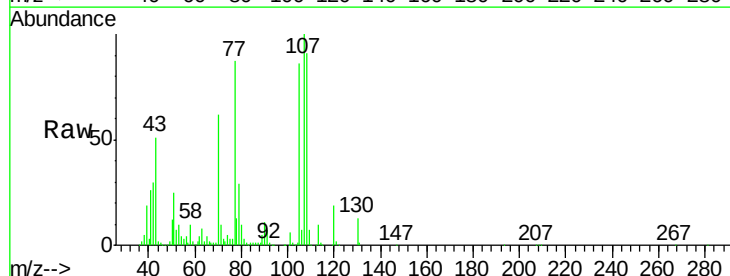
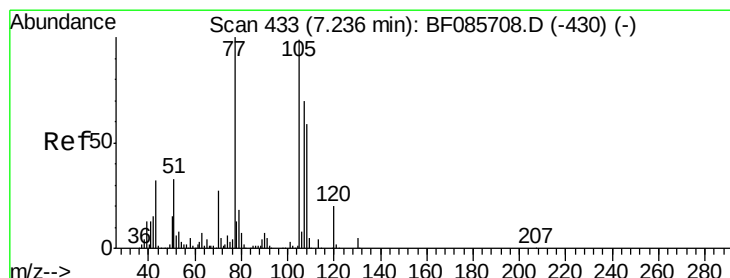
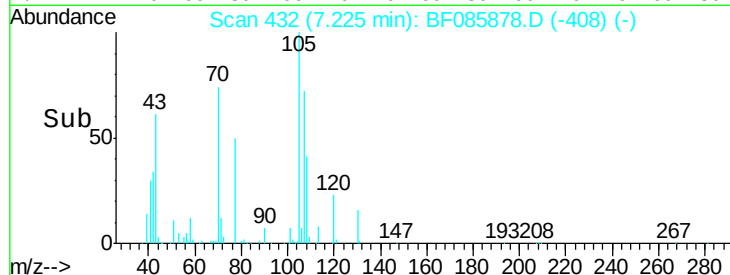
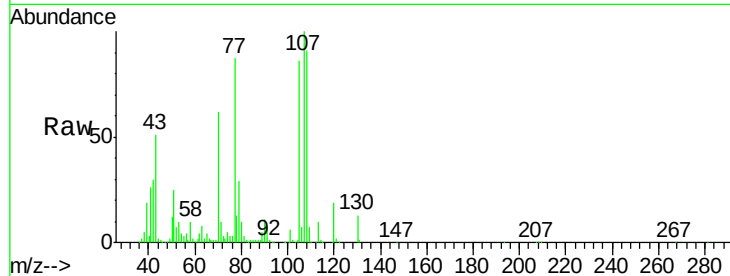
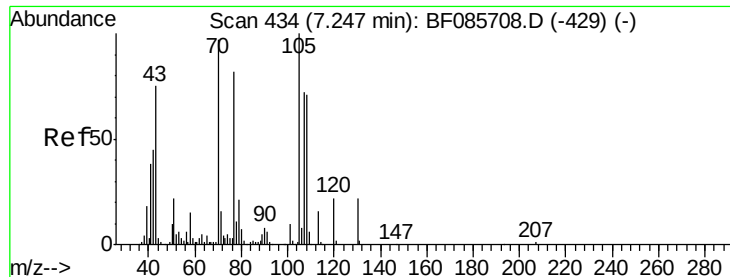
Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

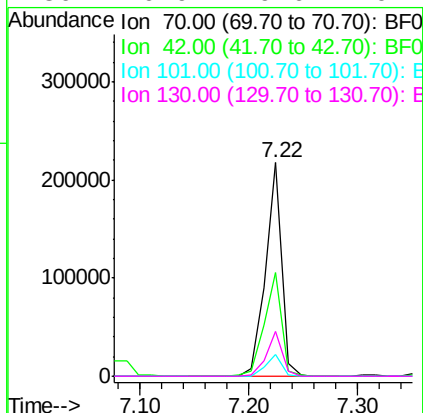
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	76.7	115.1	
201	120.2	83.3	124.9	





#19
n-Nitroso-di-n-propylamine
Concen: 38.10 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.8		37.1	55.7	
101	10.1		8.6	12.8	
130	20.9		19.6	29.4	



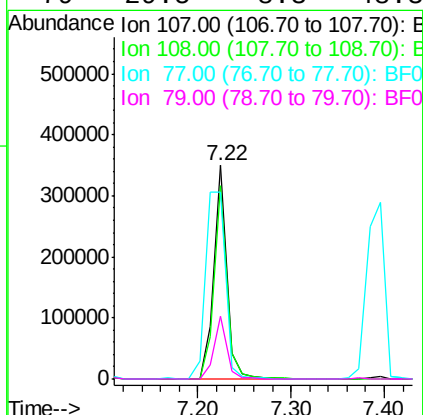
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

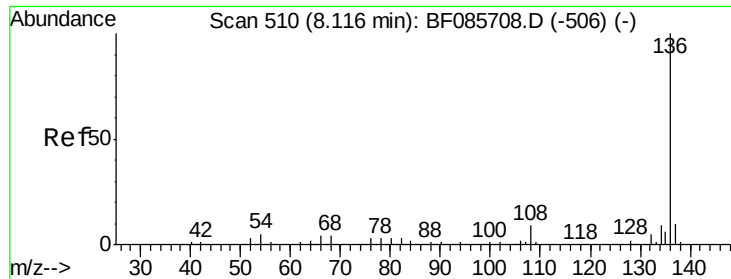
Manual Integrations
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#20
3+4-Methylphenols
Concen: 38.44 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.8		69.3	109.3	
77	87.4		101.7	141.7	
79	29.5		8.3	48.3	





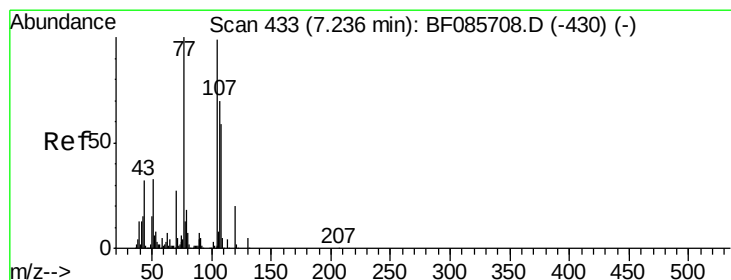
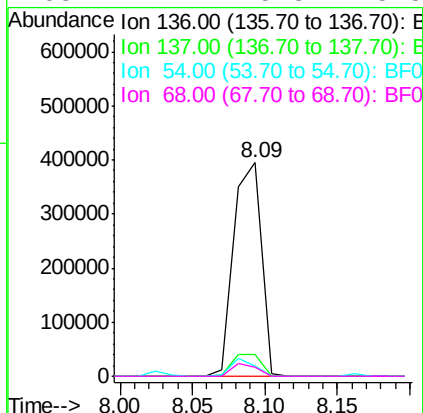
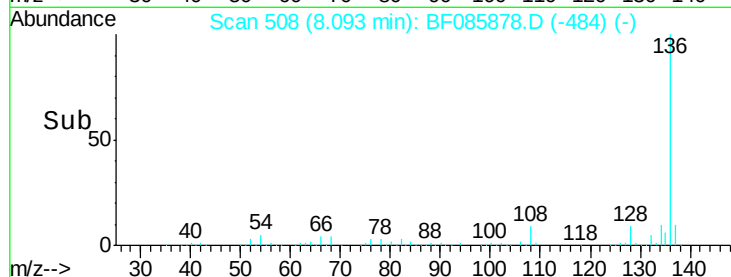
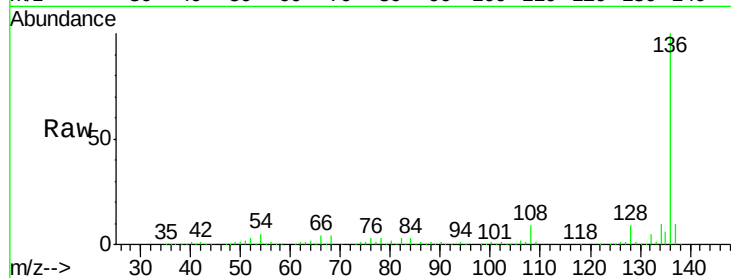
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.4	9.1	13.7		
54	4.8	7.4	11.0		
68	4.1	5.8	8.8		

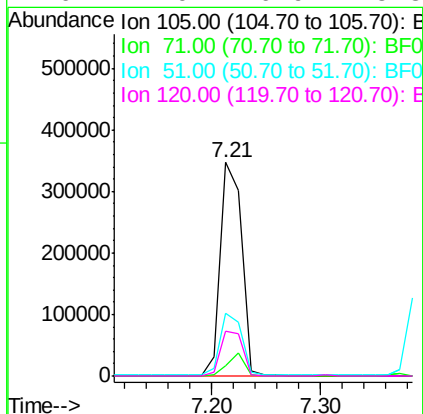
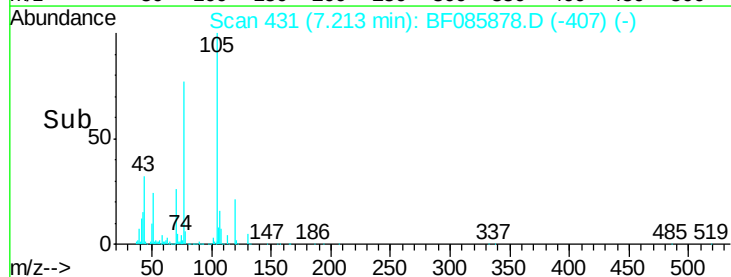
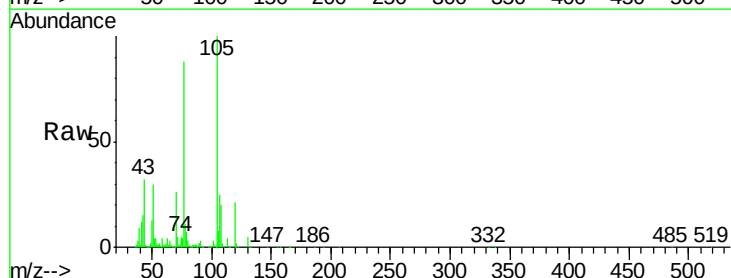
Manual Integrations
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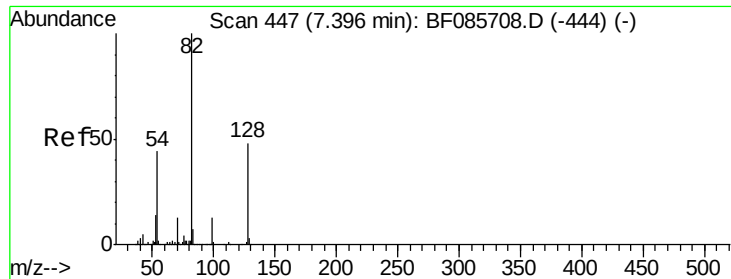
Sohil
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#22
Acetophenone
Concen: 39.21 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.6	3.6	5.4		
51	29.5	25.4	38.0		
120	21.0	16.9	25.3		





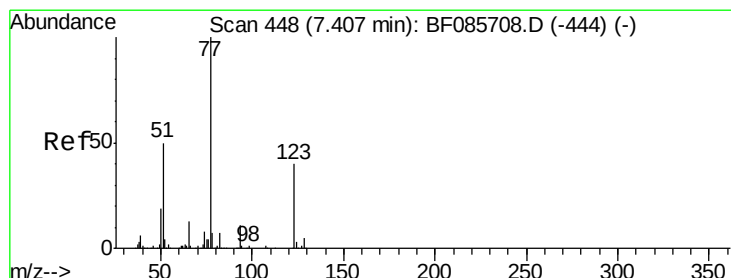
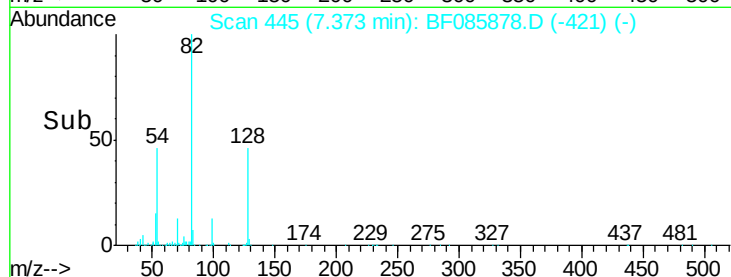
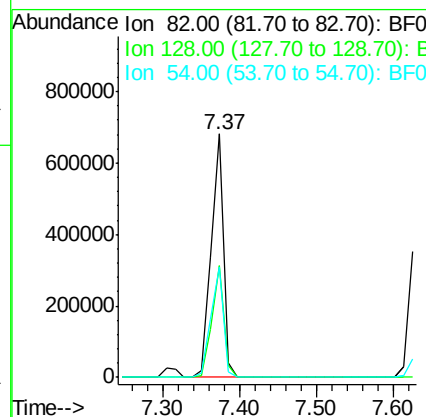
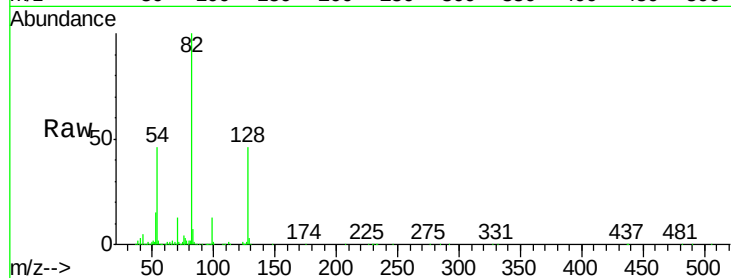
#23
 Nitrobenzene-d5
 Concen: 80.26 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	41.8	62.8
54	45.5	33.4	50.0

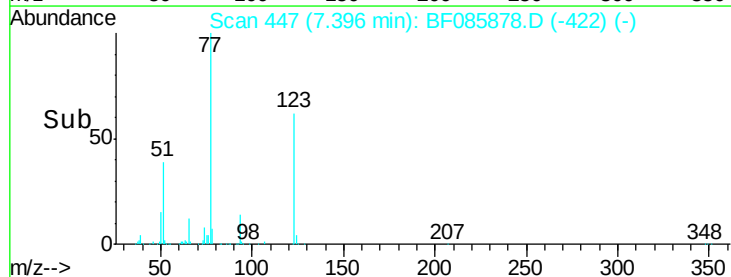
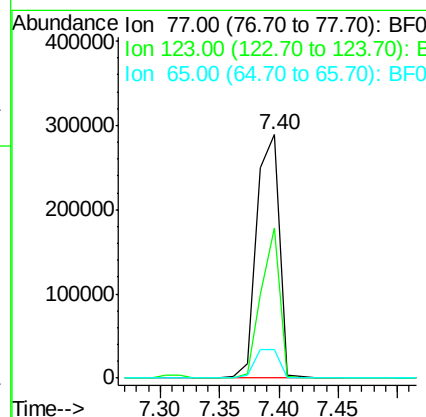
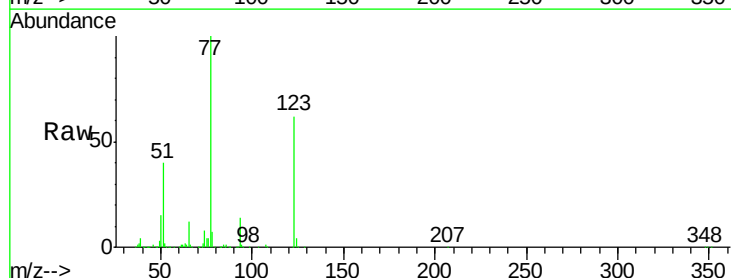
Manual Integrations
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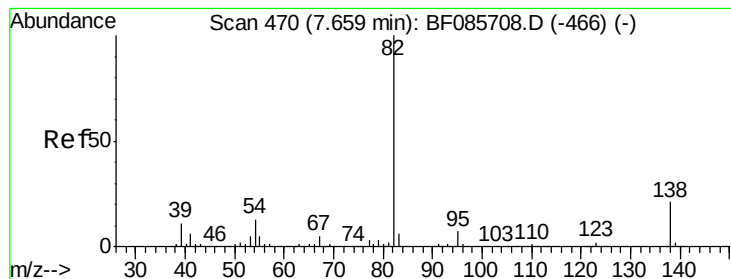
Sohil
 3/31/2016 4:51:26 PM



#24
 Nitrobenzene
 Concen: 40.24 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	61.6	35.0	52.4#
65	11.9	10.6	16.0





#25

Isophorone

Concen: 40.35 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

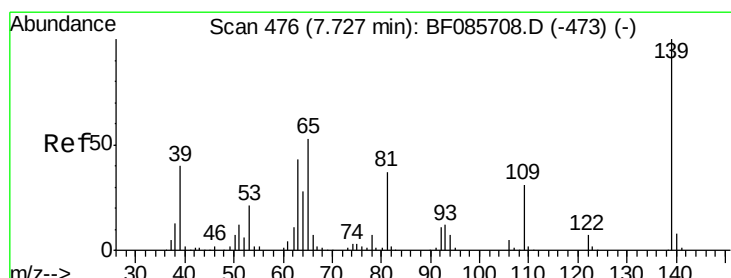
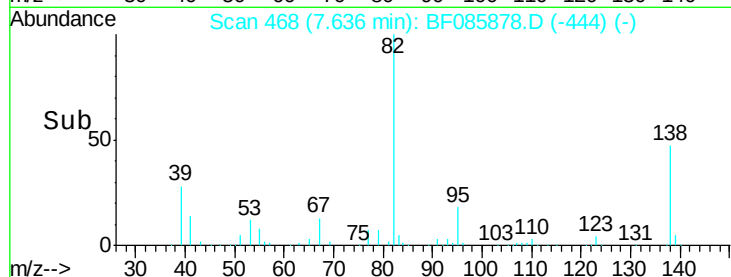
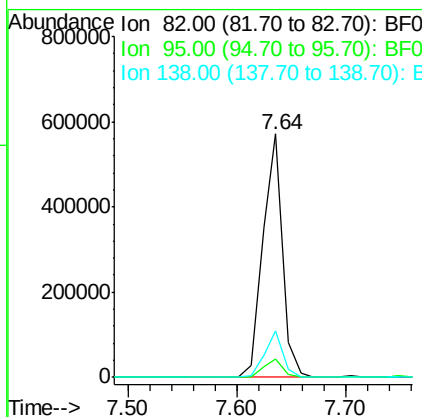
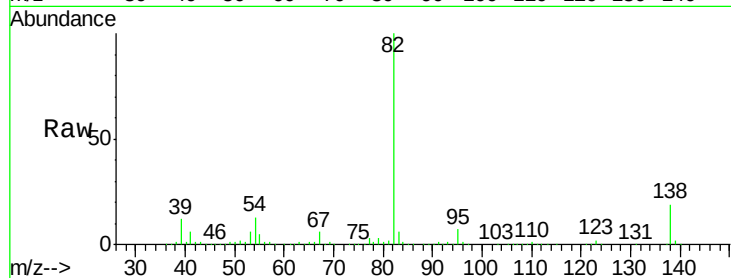
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	720274
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.4	8.2
138	19.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.60 ng

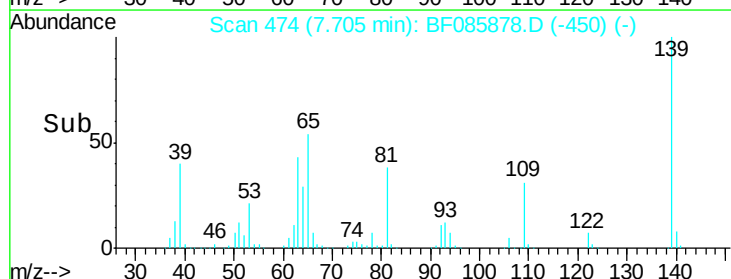
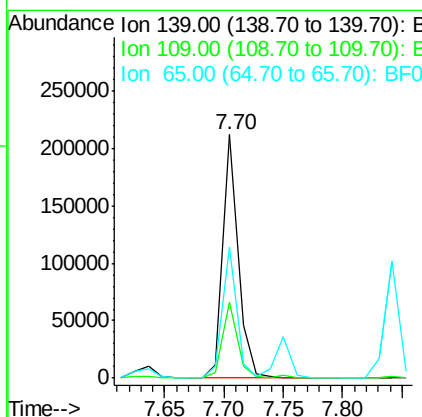
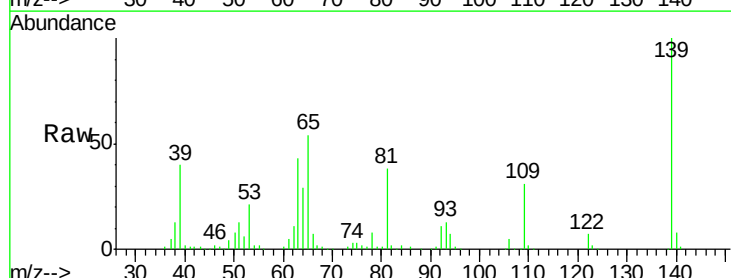
RT: 7.70 min Scan# 474

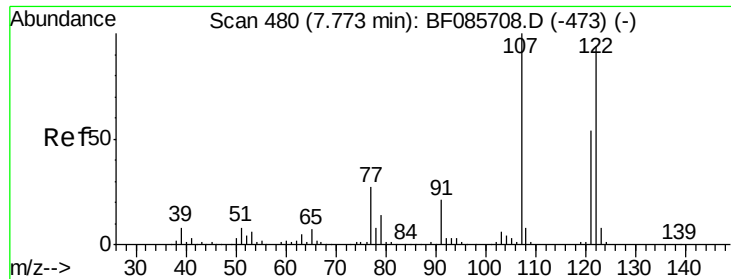
Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion:	139	Resp:	189226
Ion Ratio		Lower	Upper
139	100		
109	31.3	22.1	33.1
65	54.0	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 41.12 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

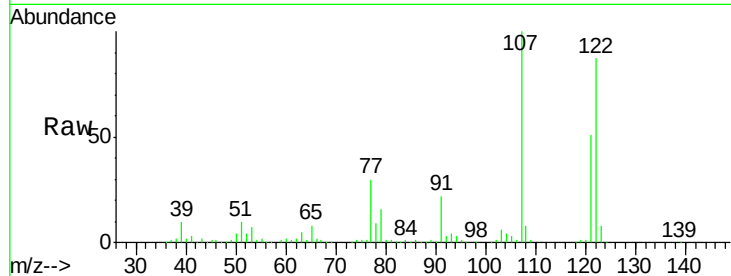
ClientSampleId :

SSTDCCC040

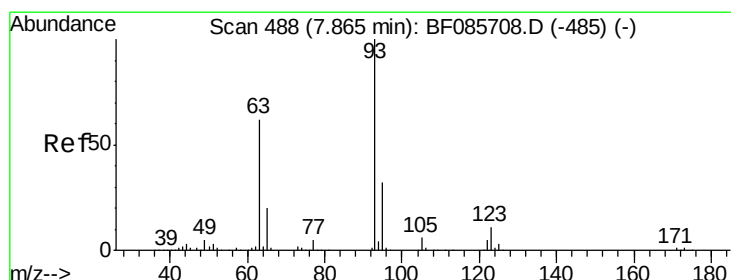
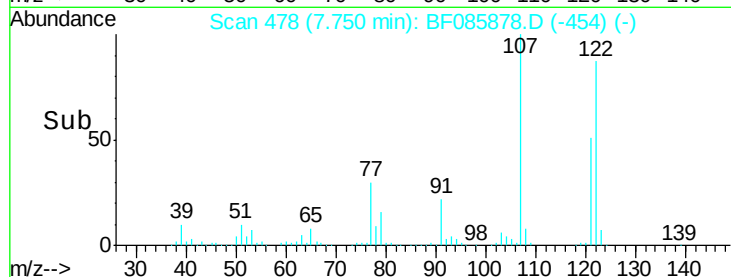
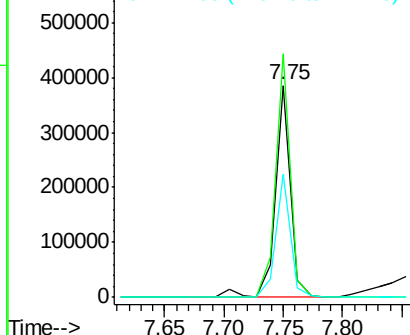
Tot Ion:	122	Resp:	343470
Ion Ratio	Lower	Upper	
122	100		
107	115.0	93.0	139.6
121	58.3	45.9	68.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.92 ng

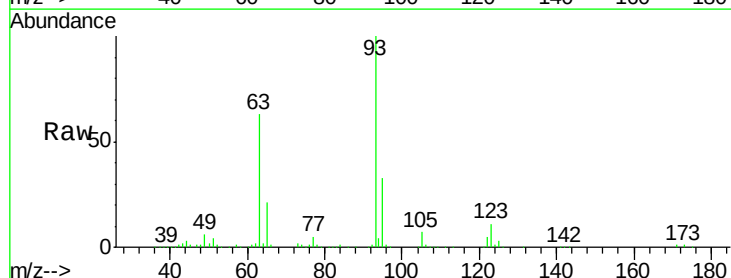
RT: 7.84 min Scan# 486

Delta R.T. -0.02 min

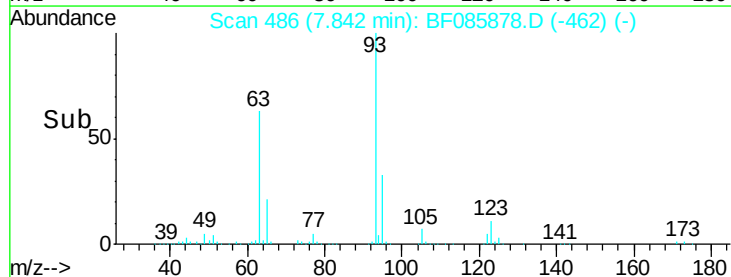
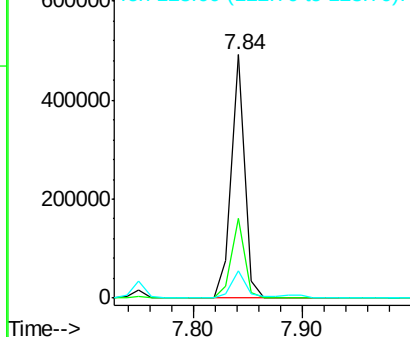
Lab File: BF085878.D

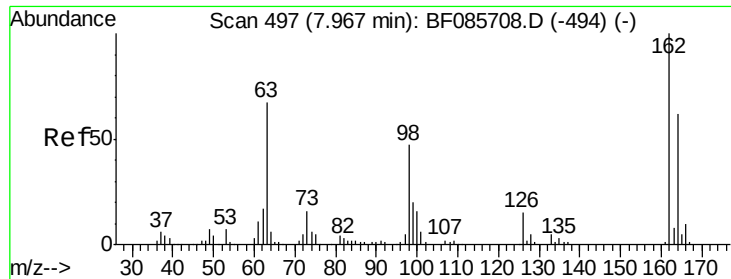
Acq: 30 Mar 2016 10:56

Tgt Ion:	93	Resp:	416199
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	11.1	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





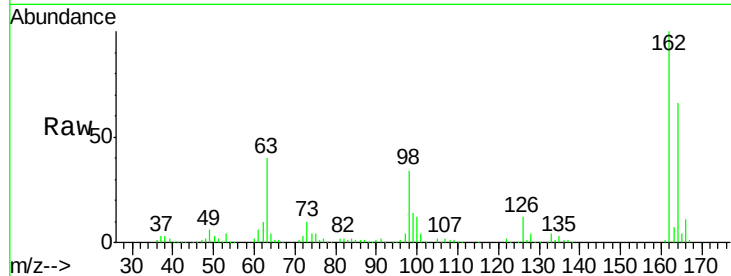
#29
 2,4-Dichlorophenol
 Concen: 41.49 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

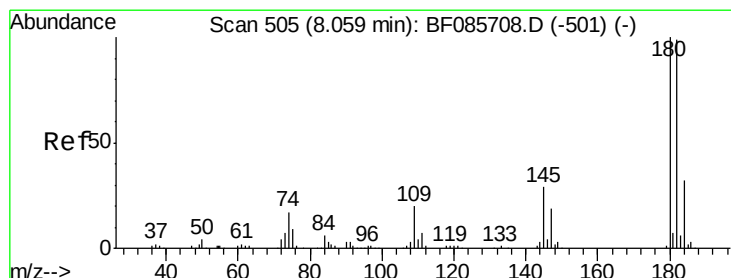
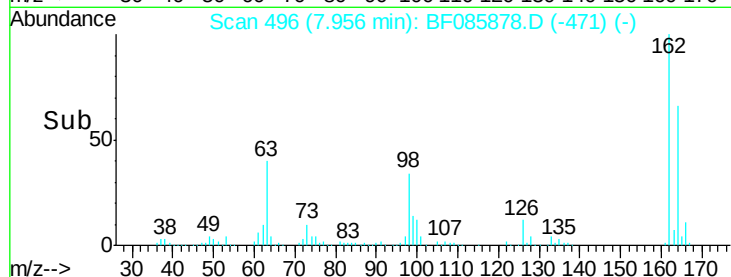
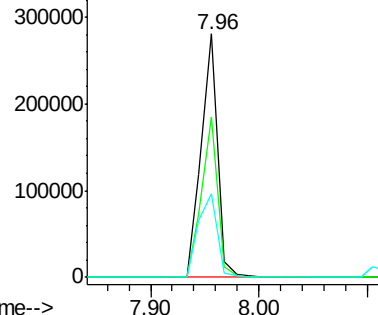
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.0	43.7	83.7
98	34.1	20.4	60.4

Manual Integrations
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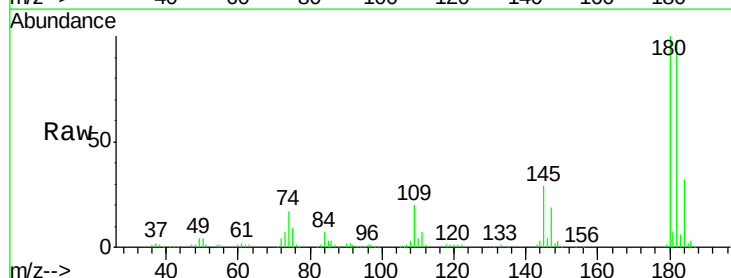


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

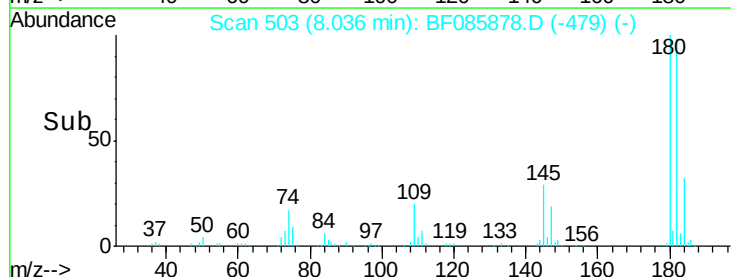
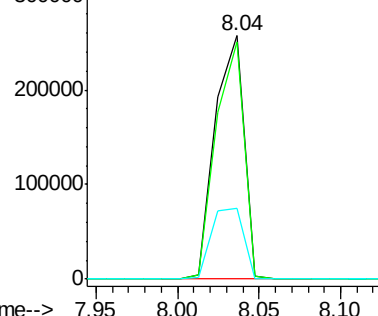


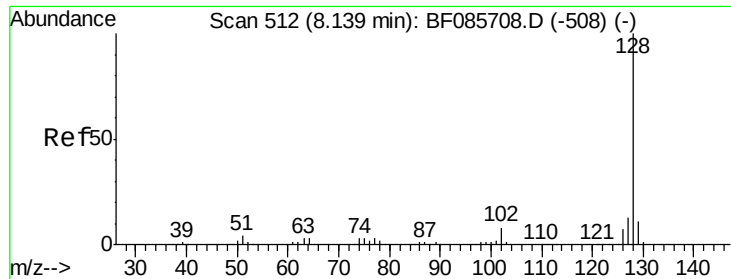
#30
 1,2,4-Trichlorobenzene
 Concen: 40.33 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.7	73.8	110.8
145	28.9	28.4	42.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





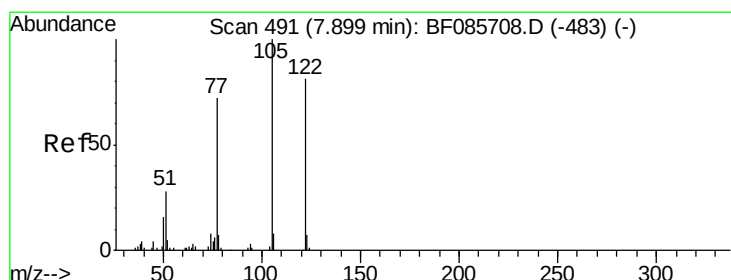
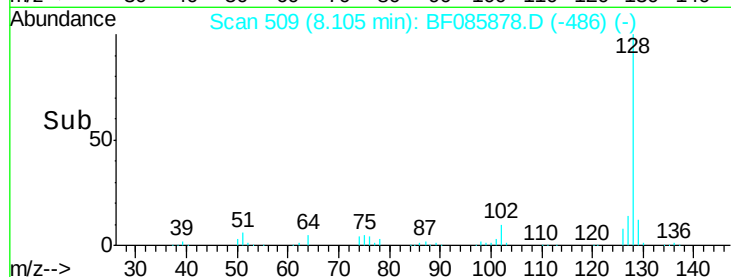
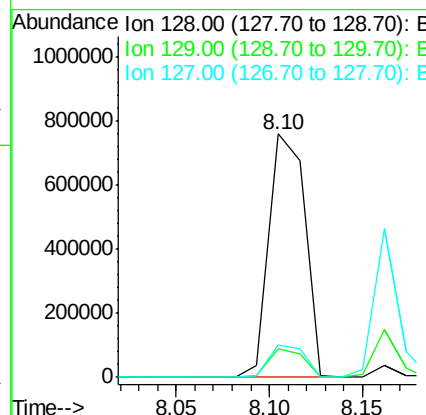
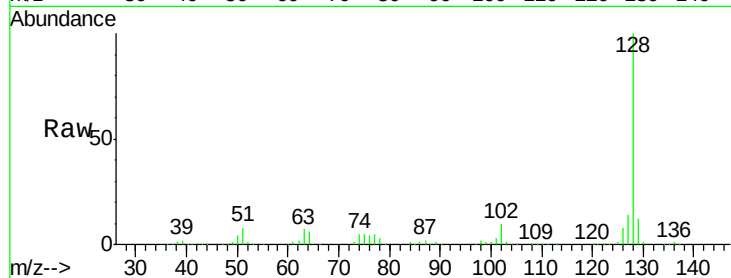
#31
Naphthalene
Concen: 38.66 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1016462
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.5 11.0 16.6

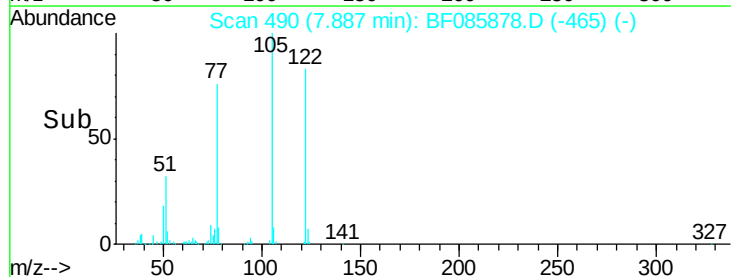
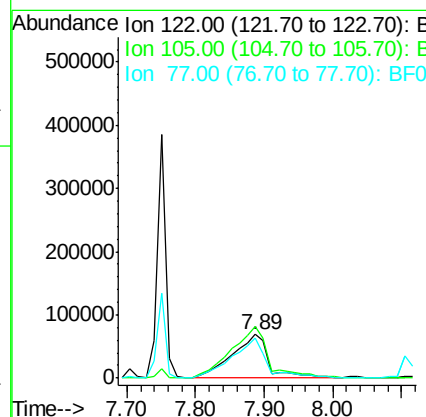
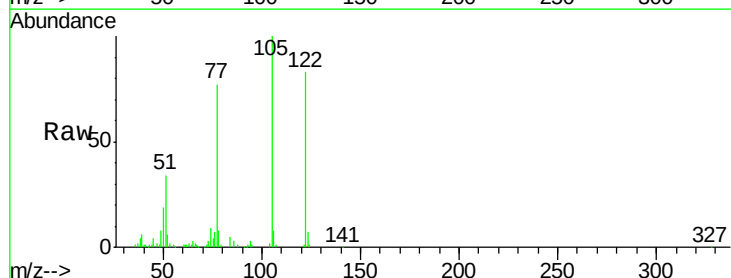
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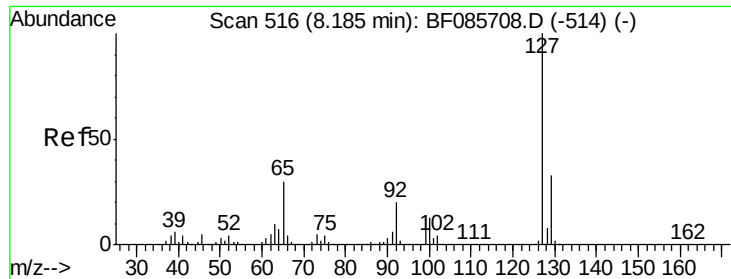
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#32
Benzoic acid
Concen: 45.08 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:122 Resp: 250092
Ion Ratio Lower Upper
122 100
105 120.2 102.9 142.9
77 92.0 71.8 111.8





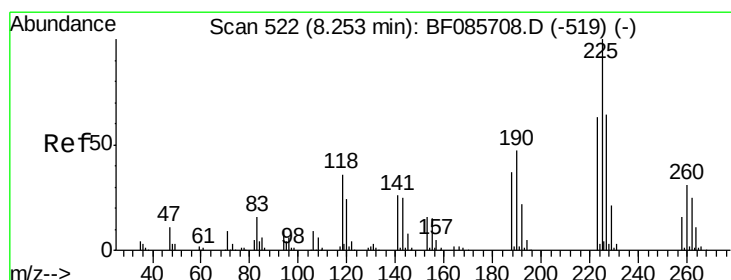
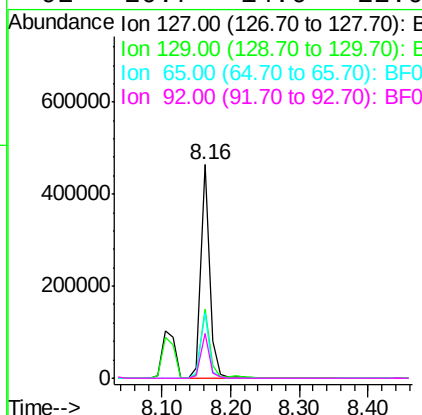
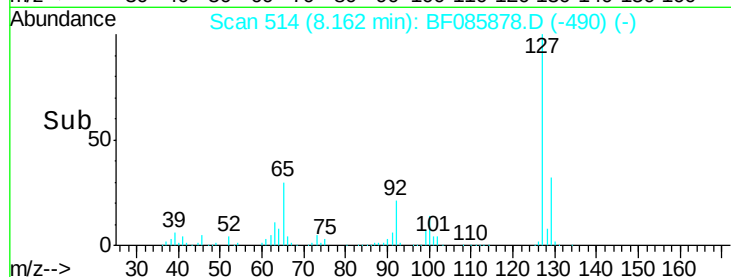
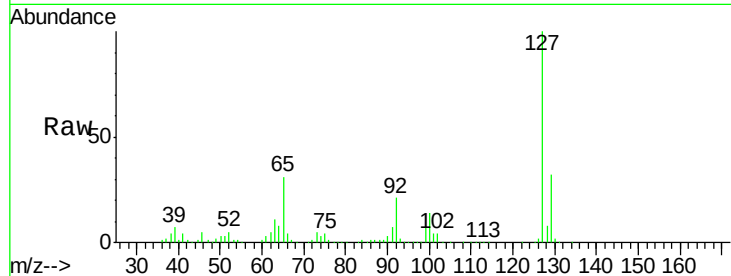
#33
4-Chloroaniline
Concen: 37.77 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.1	39.1		
65	30.6	19.5	29.3		
92	20.7	14.6	22.0		

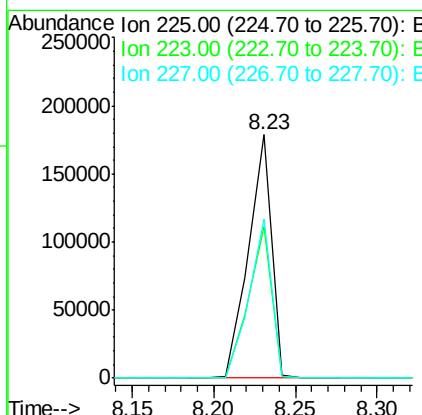
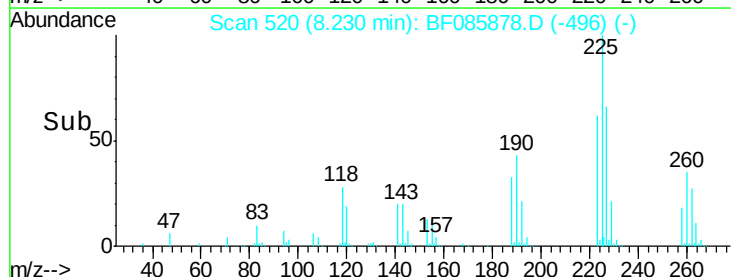
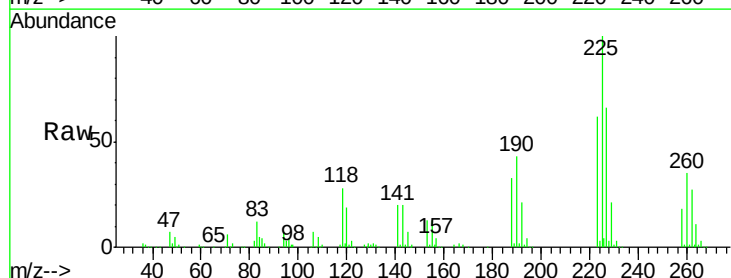
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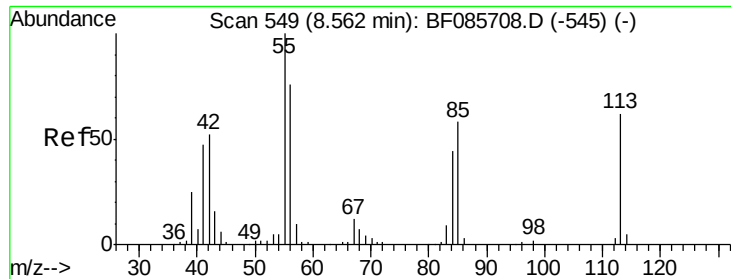
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#34
Hexachlorobutadiene
Concen: 41.30 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.4	75.6		
227	65.6	51.4	77.2		





#35

Caprolactam

Concen: 38.55 ng

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

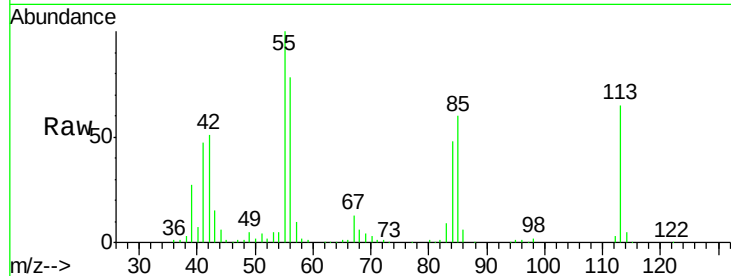
ClientSampled :

SSTDCCC040

Tot Ion:	113	Resp:	95885
Ion Ratio	Lower	Upper	
113	100		
55	154.8	139.4	179.4
56	120.9	100.4	140.4

Manual Integrations
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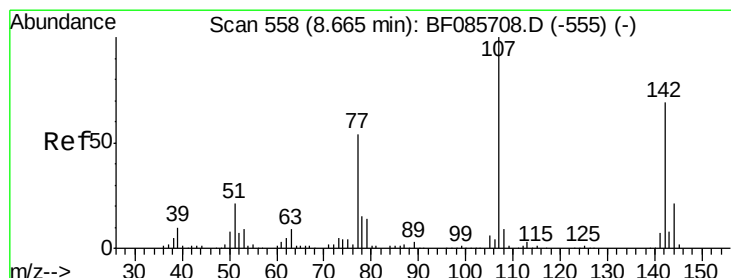
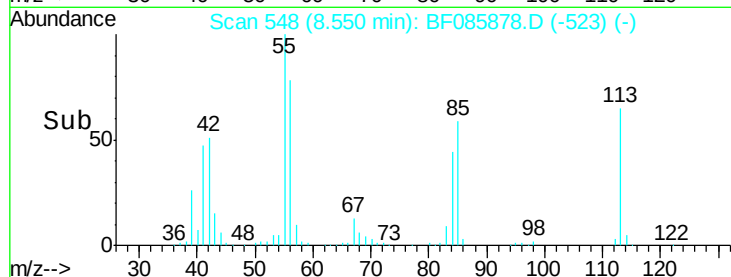
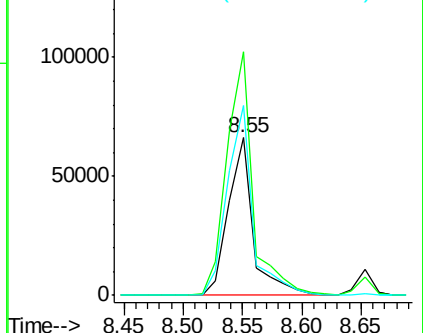
Sohil
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.73 ng

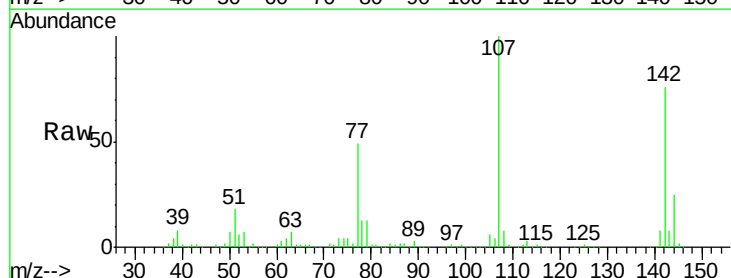
RT: 8.65 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

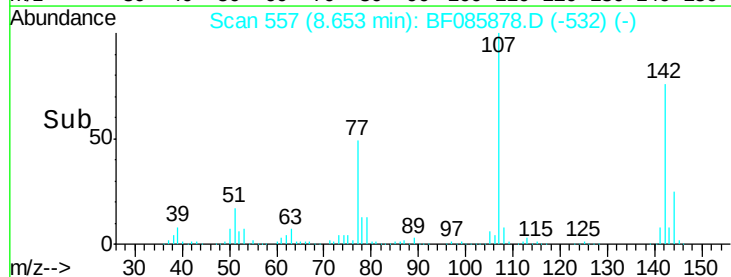
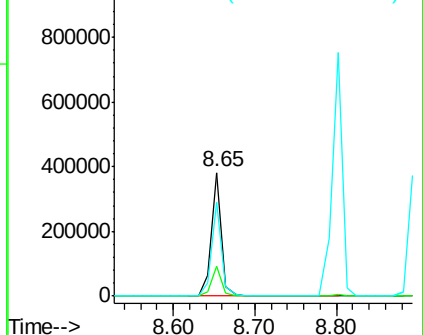
Tgt Ion:	107	Resp:	334063
Ion Ratio	Lower	Upper	
107	100		
144	24.5	19.3	28.9
142	75.8	61.4	92.0

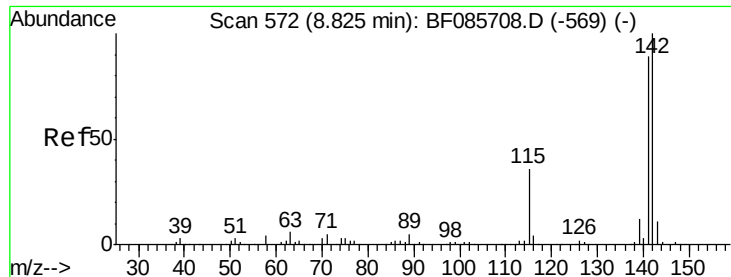


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





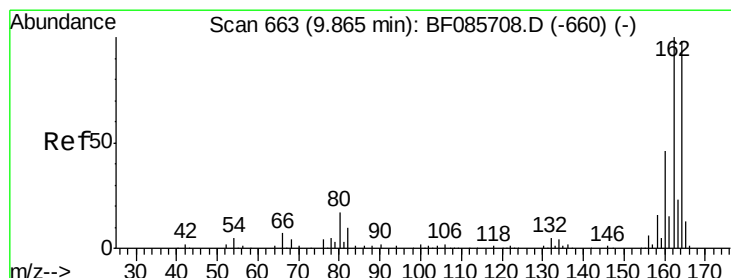
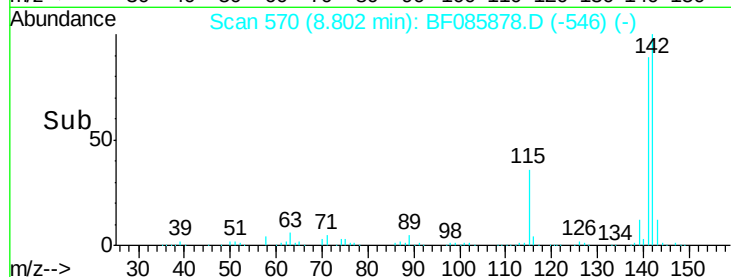
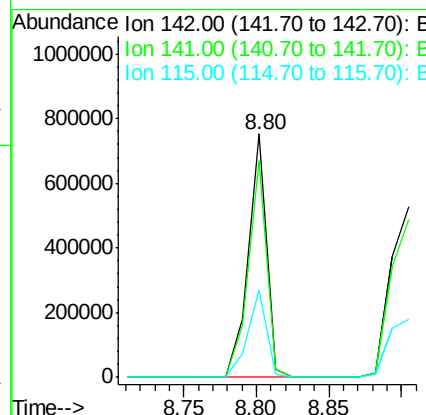
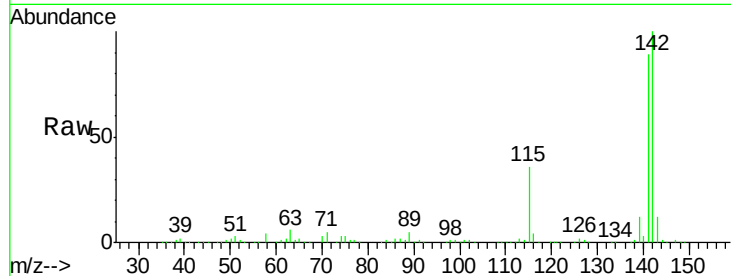
#37
2-Methylnaphthalene
Concen: 42.50 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	35.8	26.8	40.2

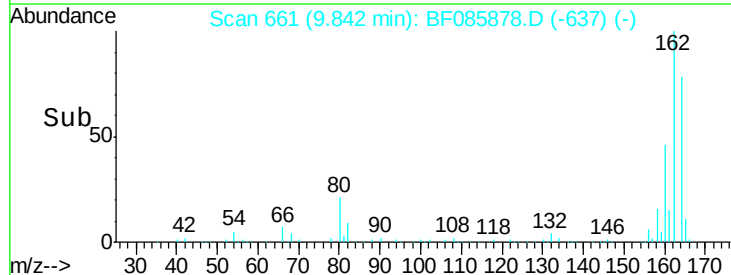
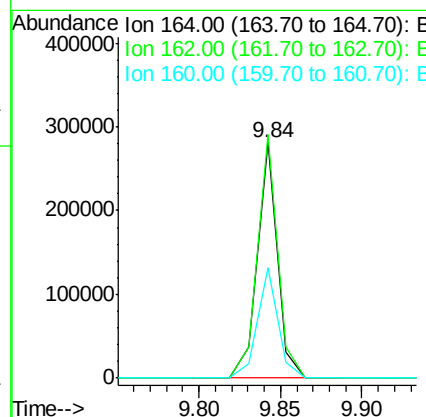
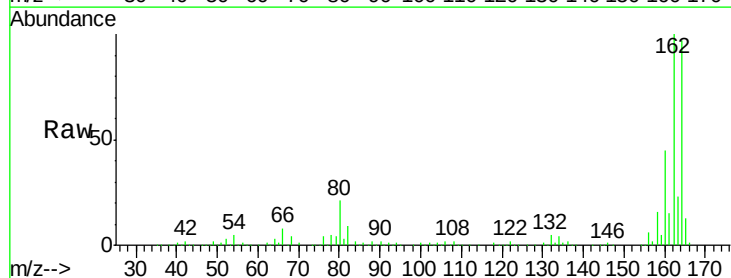
Manual Integrations
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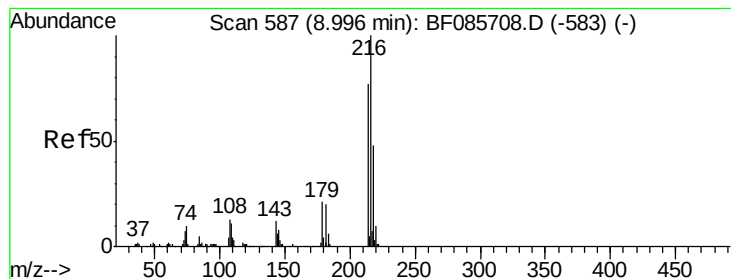
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.1	123.1
160	46.8	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.46 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

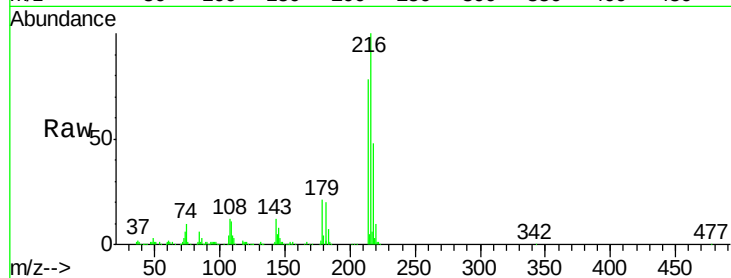
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	302369		
214	78.5	63.1	94.7	
179	22.9	18.2	27.2	
108	20.3	17.3	25.9	

Manual Integrations
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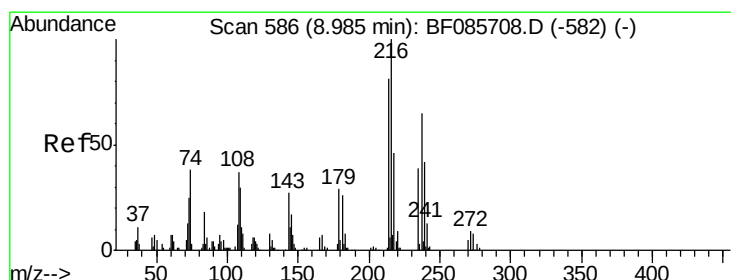
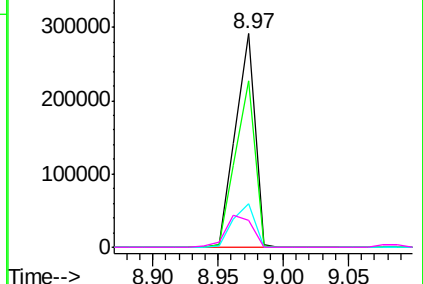
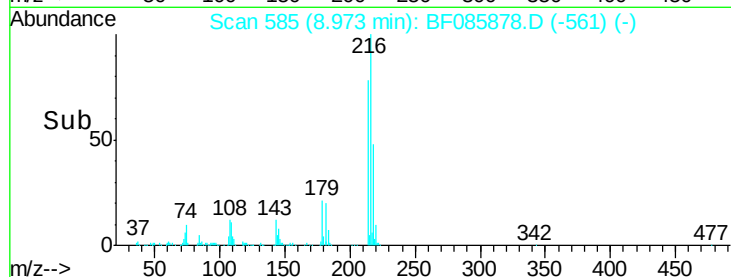


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.63 ng

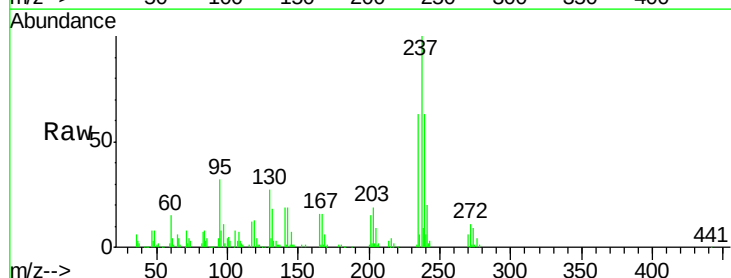
RT: 8.95 min Scan# 583

Delta R.T. -0.03 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

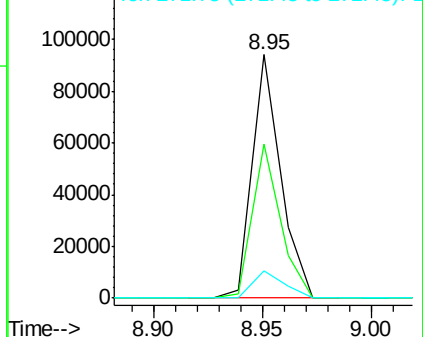
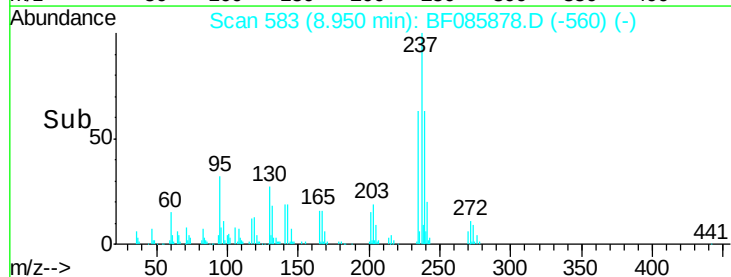
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	85297		
235	63.1	43.7	83.7	
272	11.1	0.0	31.9	

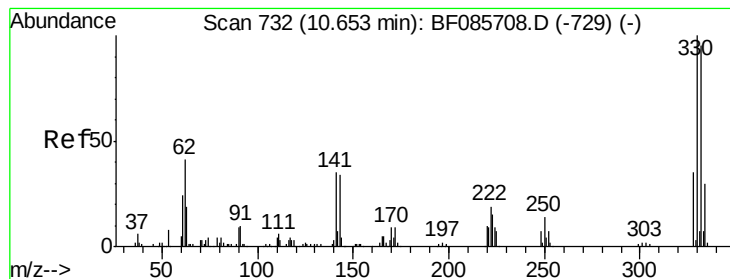


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





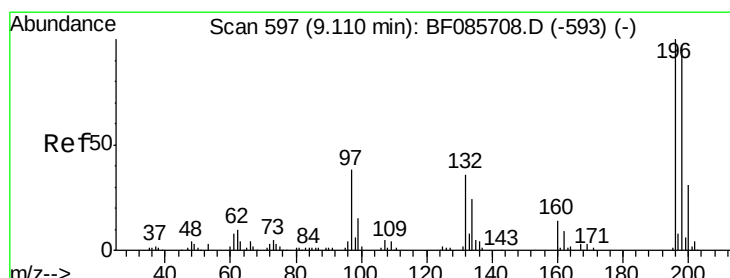
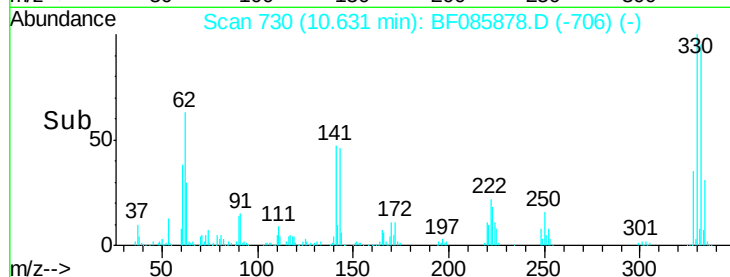
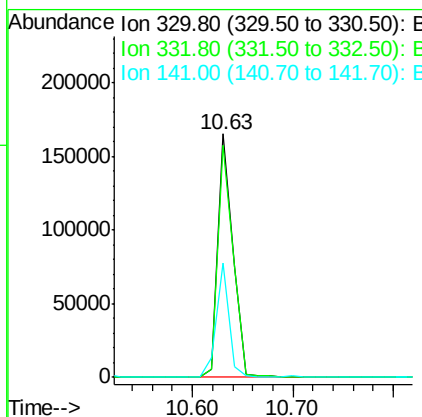
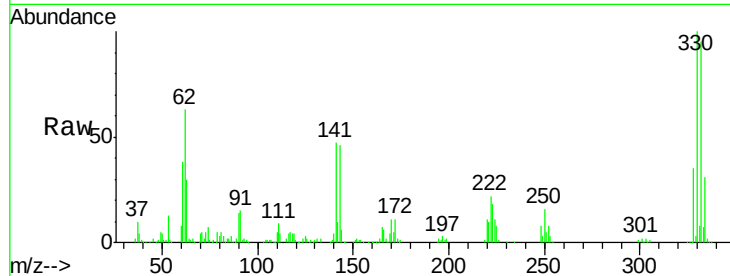
#41
 2,4,6-Tribromophenol
 Concen: 75.93 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	173227		
332	96.5		78.2	117.2
141	39.7		31.5	47.3

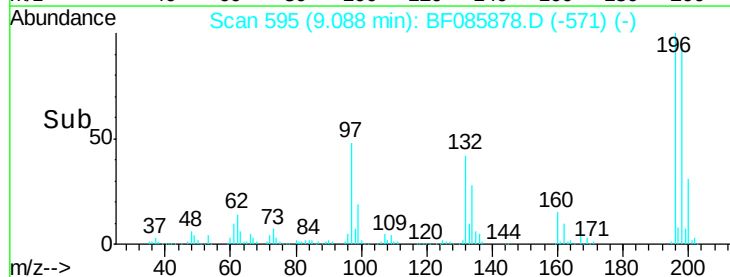
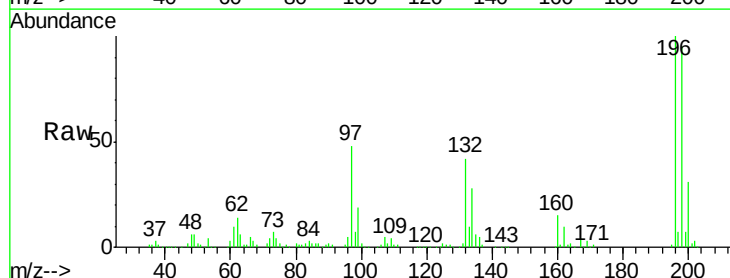
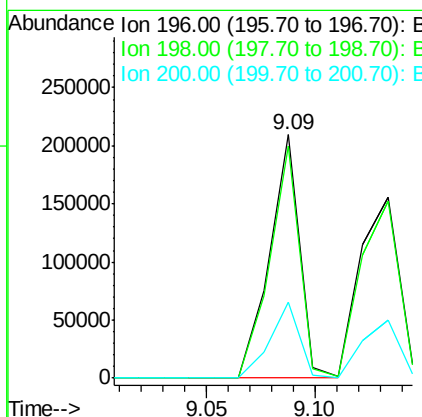
Manual Integrations
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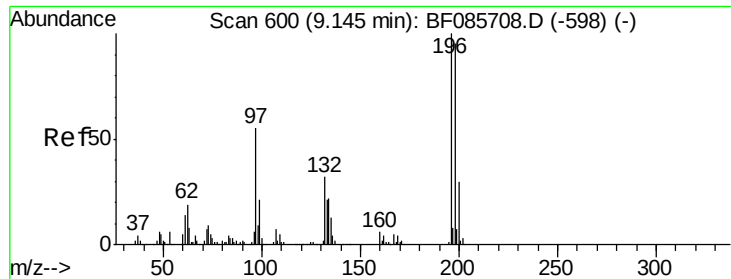
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#42
 2,4,6-Trichlorophenol
 Concen: 42.30 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203415		
198	95.3		75.3	112.9
200	31.1		23.7	35.5





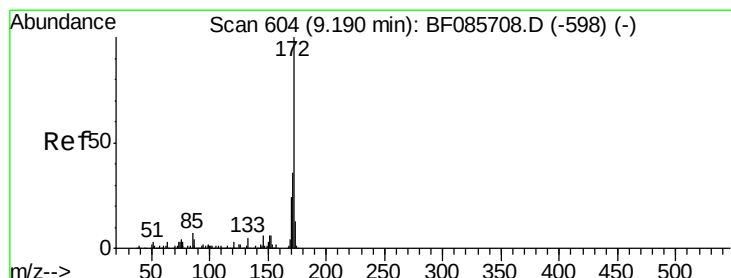
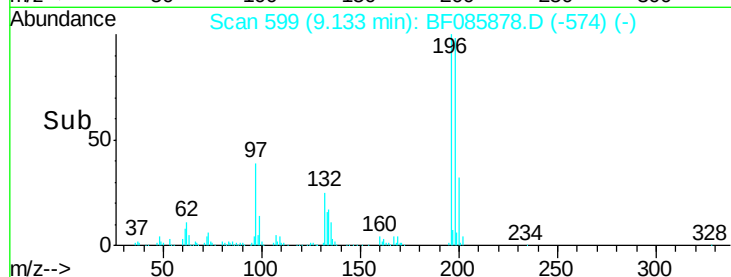
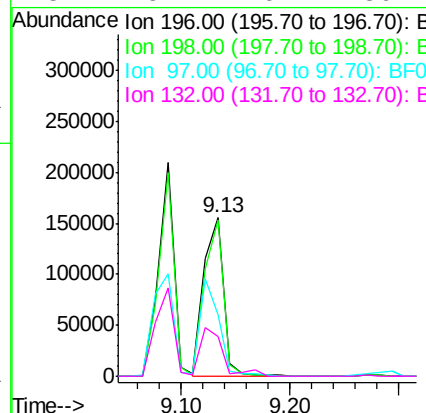
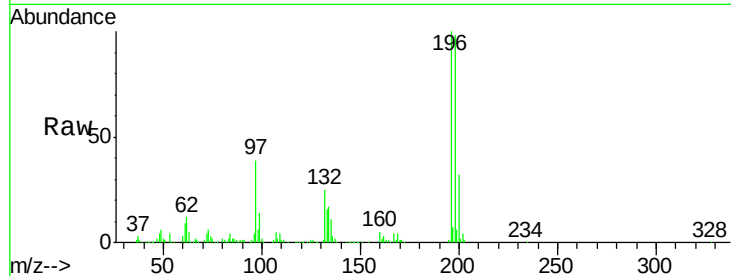
#43
 2,4,5-Trichlorophenol
 Concen: 39.25 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	197941
Ion Ratio	Lower	Upper	
196	100		
198	98.1	76.6	114.8
97	38.9	30.5	45.7
132	25.2	20.2	30.2

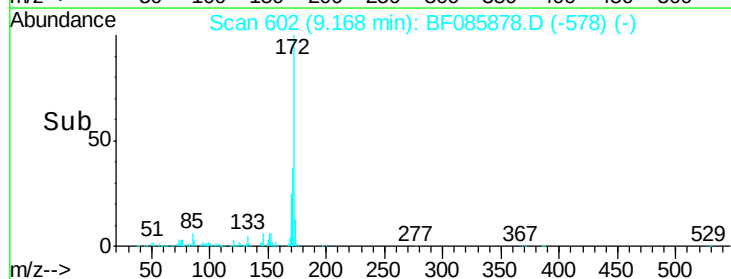
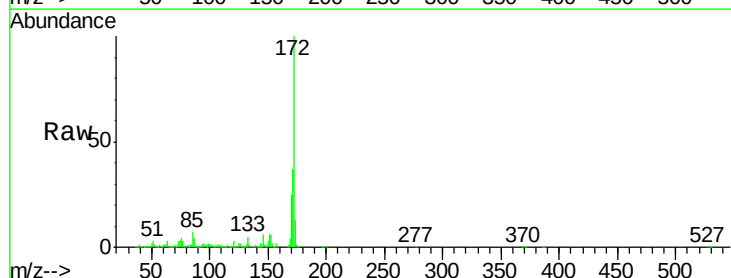
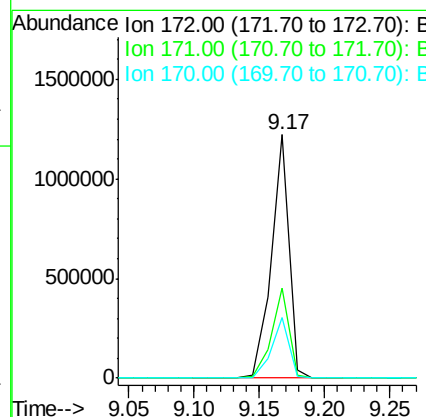
Manual Integrations
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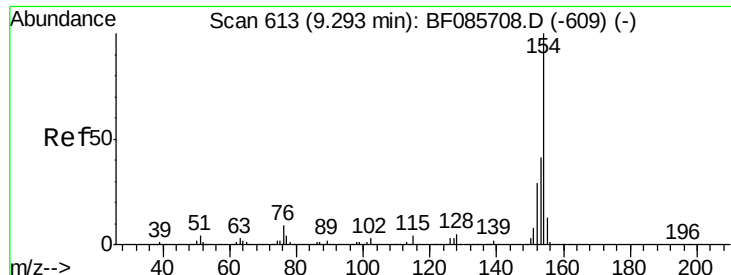
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#44
 2-Fluorobiphenyl
 Concen: 80.32 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:	172	Resp:	1154429
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.2
170	25.1	19.8	29.6





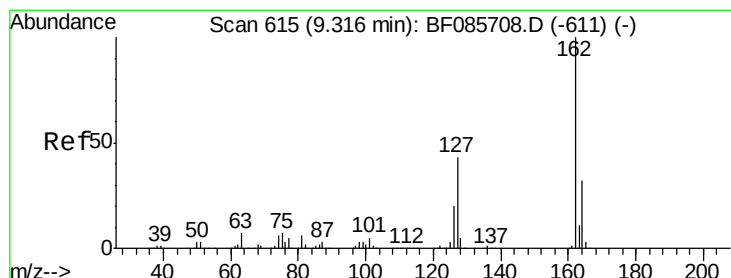
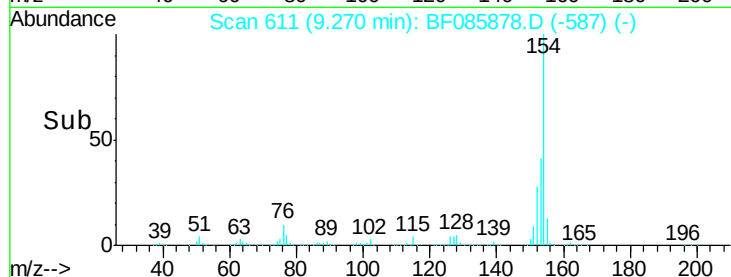
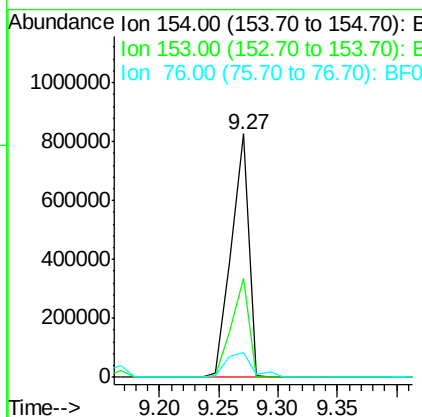
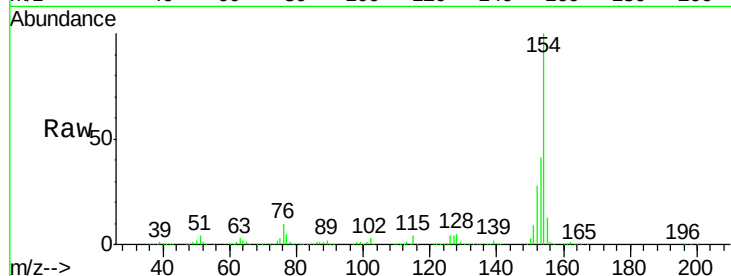
#45
 1,1'-Biphenyl
 Concen: 41.90 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	154	Resp:	849023
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	10.0	0.0	36.7

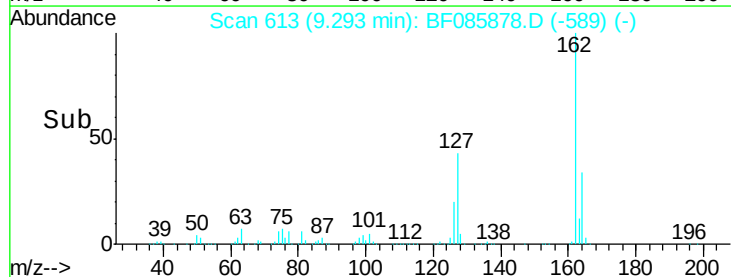
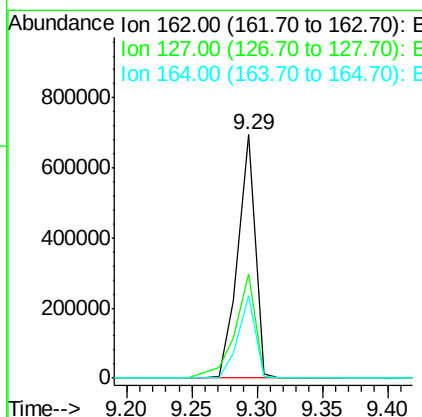
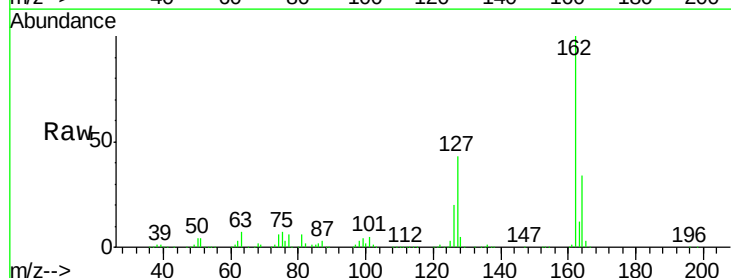
Manual Integrations
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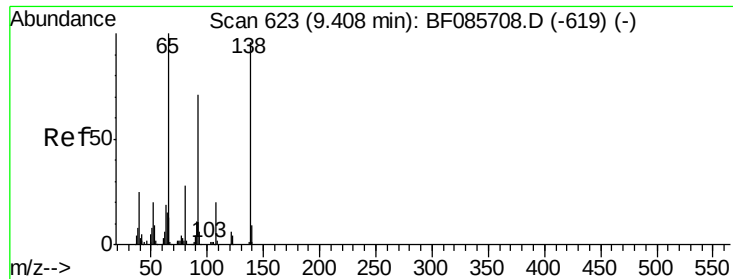
Sohil
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#46
 2-Chloronaphthalene
 Concen: 43.16 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:	162	Resp:	642978
Ion Ratio	Lower	Upper	
162	100		
127	42.7	31.7	47.5
164	33.6	27.3	40.9





#47

2-Nitroaniline

Concen: 41.75 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

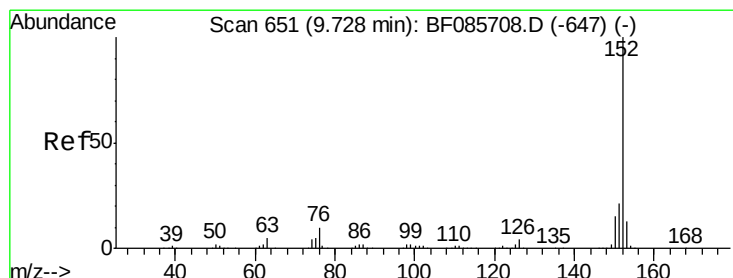
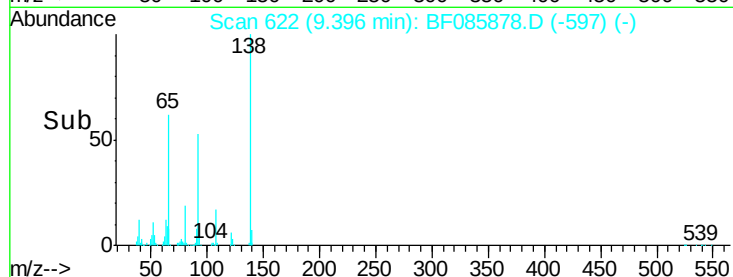
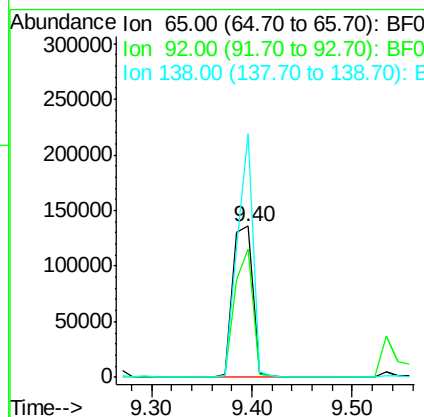
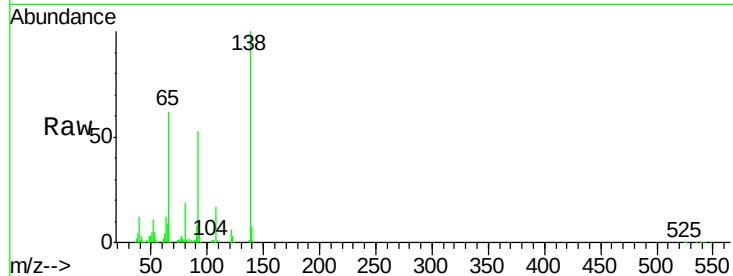
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	190224
Ion Ratio	Lower	Upper	
65	100		
92	84.9	59.7	89.5
138	160.9	91.4	137.0#

Manual Integrations
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#48

Acenaphthylene

Concen: 39.13 ng

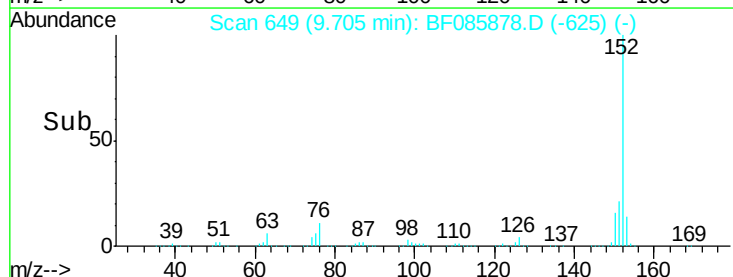
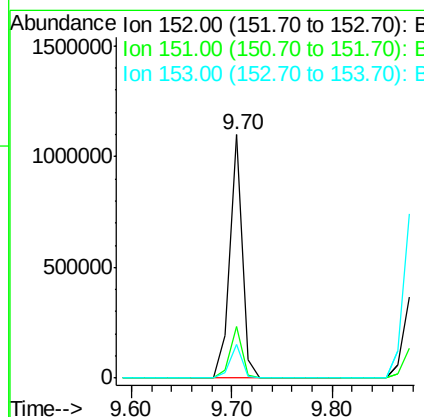
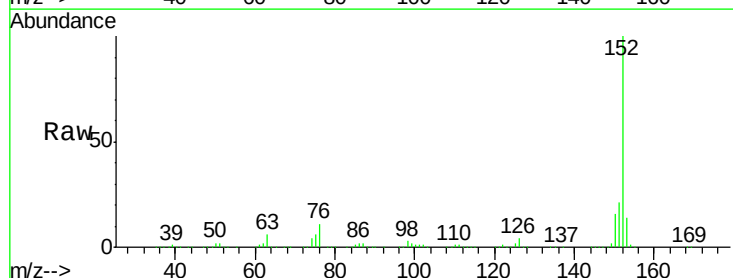
RT: 9.70 min Scan# 649

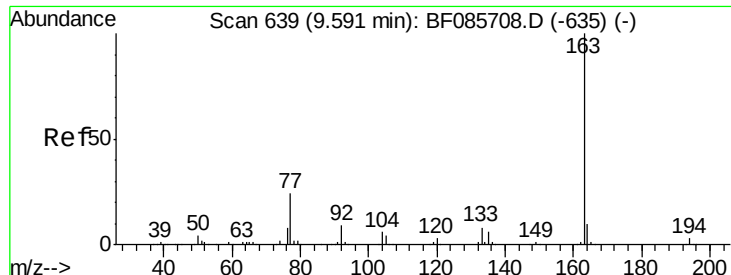
Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion:	152	Resp:	950068
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.6	10.9	16.3





#49

Dimethylphthalate

Concen: 38.51 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

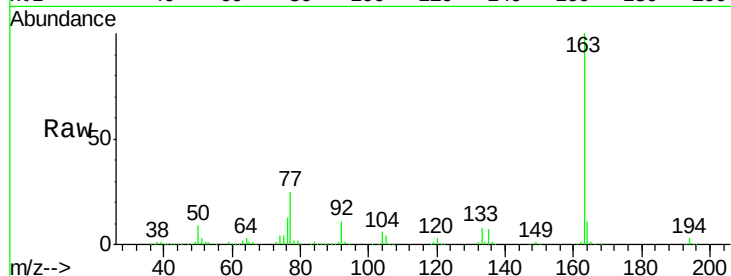
ClientSampleId :

SSTDCCC040

Tot Ion:	163	Resp:	701600
Ion Ratio		Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.6	8.3	12.5

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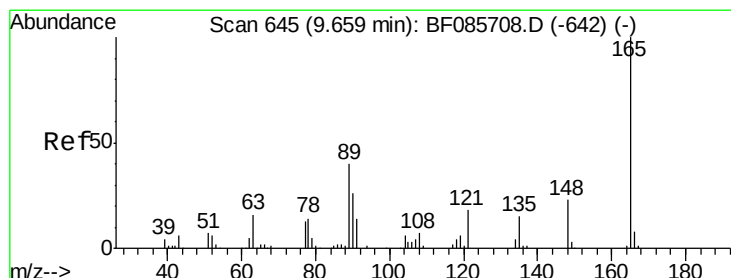
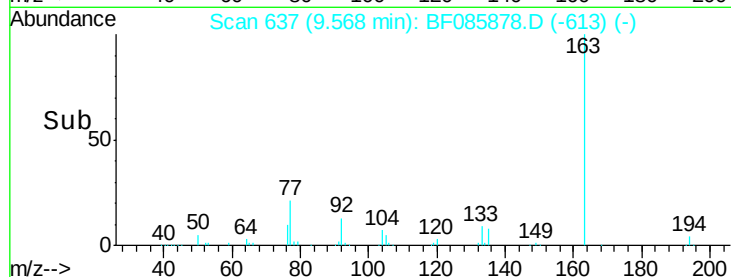
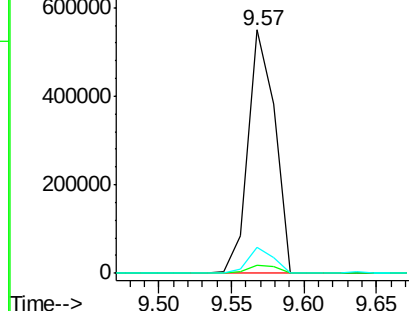
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.20 ng

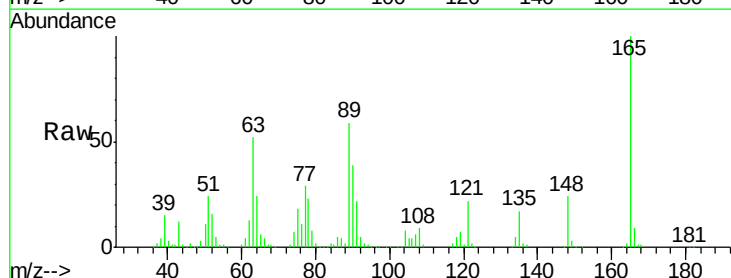
RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

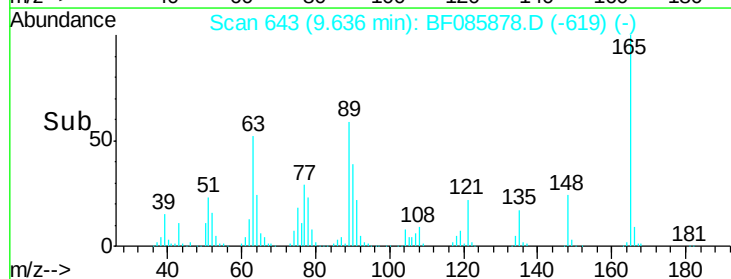
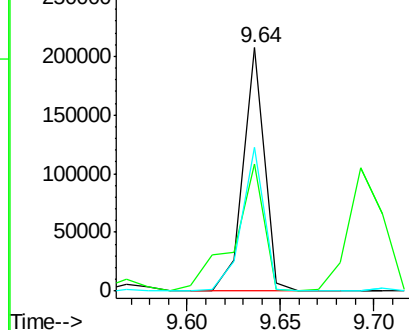
Tgt Ion:	165	Resp:	165492
Ion Ratio		Lower	Upper
165	100		
63	52.2	51.8	77.8
89	58.9	53.7	80.5

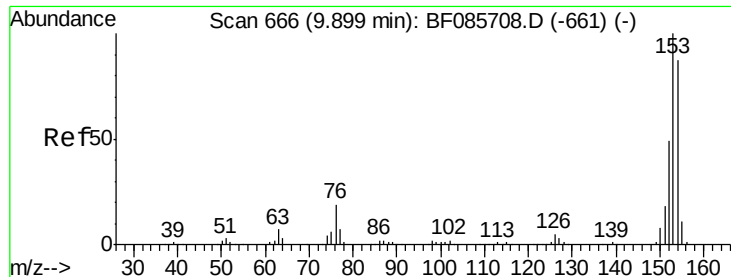


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.38 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

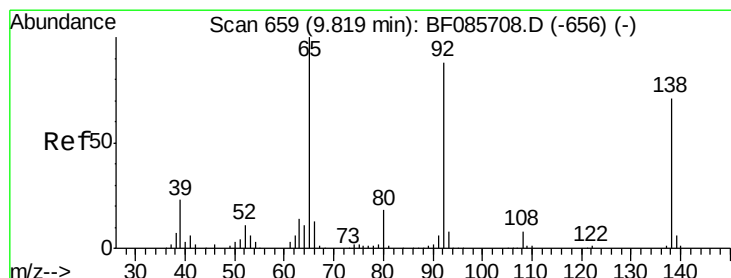
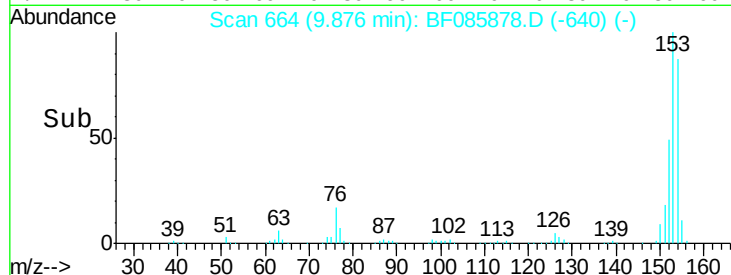
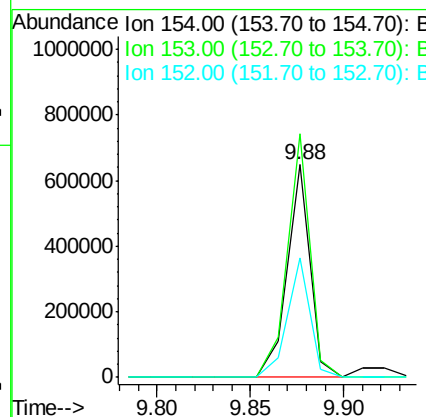
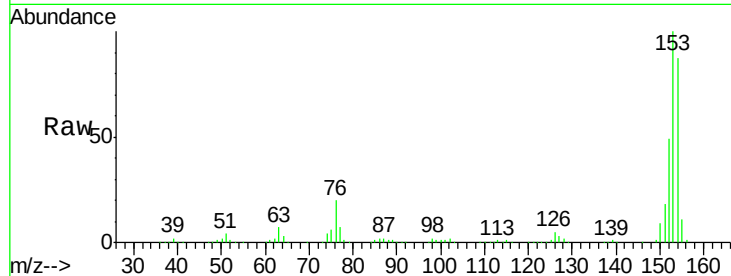
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	554329
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.1	135.1
152	56.0	44.2	66.2

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#52

3-Nitroaniline

Concen: 45.84 ng

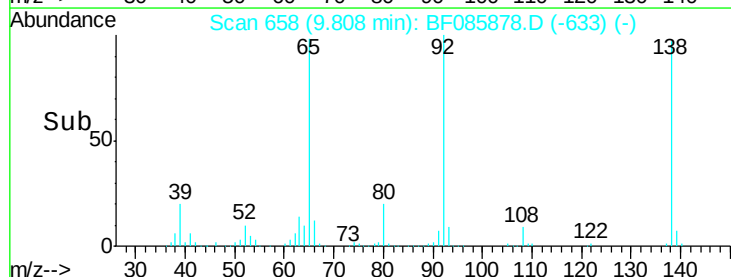
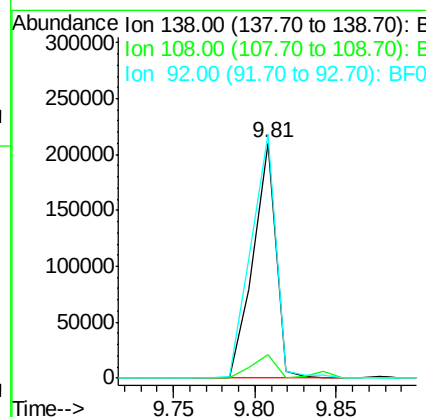
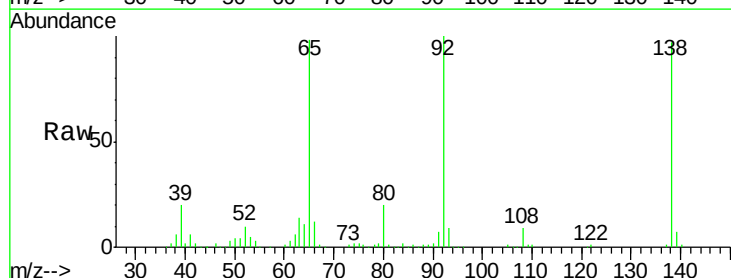
RT: 9.81 min Scan# 658

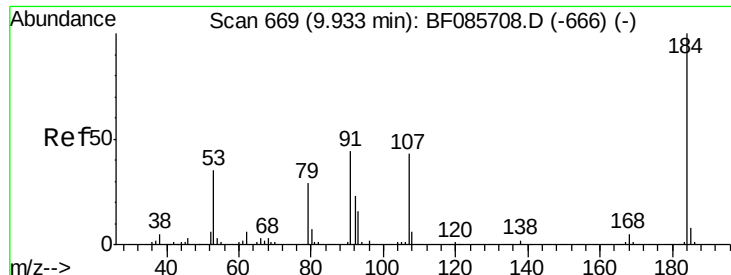
Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion:	138	Resp:	205765
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.7	13.1
92	103.6	93.3	139.9





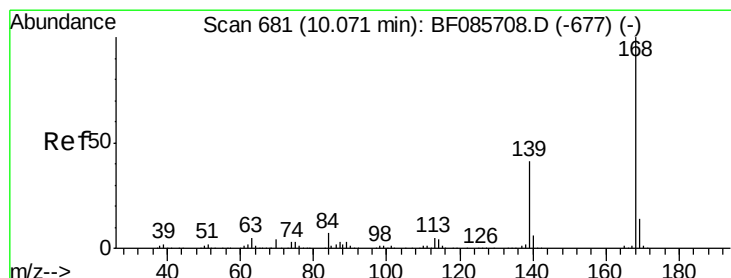
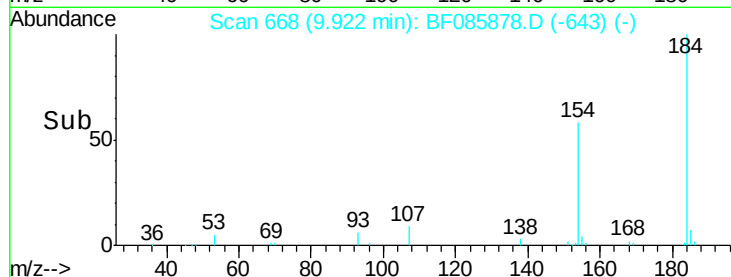
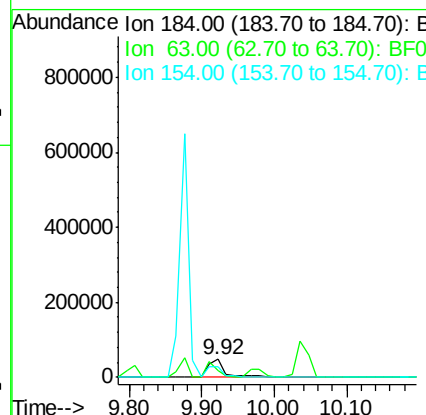
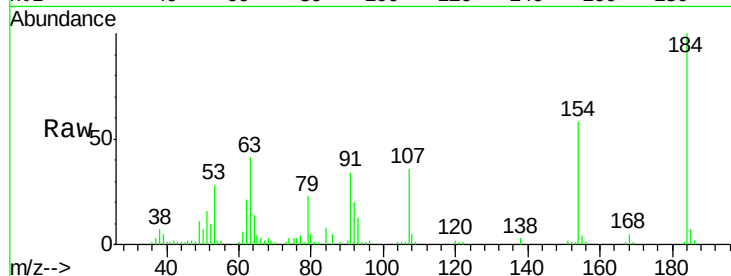
#53
2,4-Dinitrophenol
Concen: 41.04 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	40.5	69.5	104.3#
154	57.8	58.3	87.5#

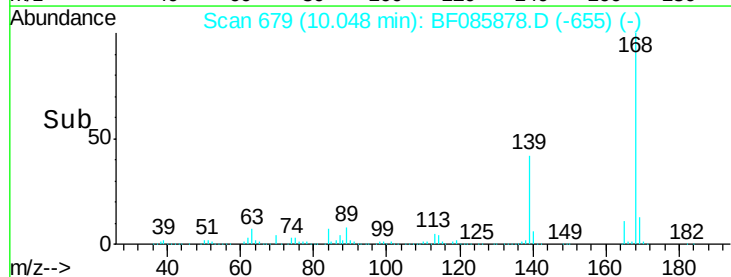
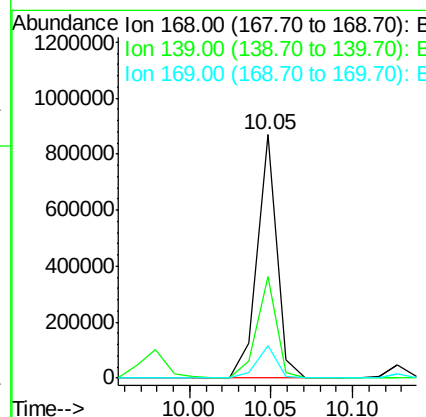
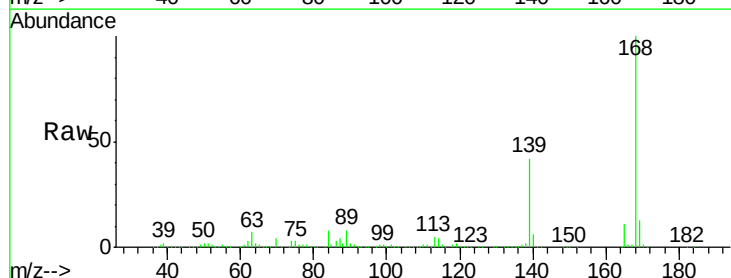
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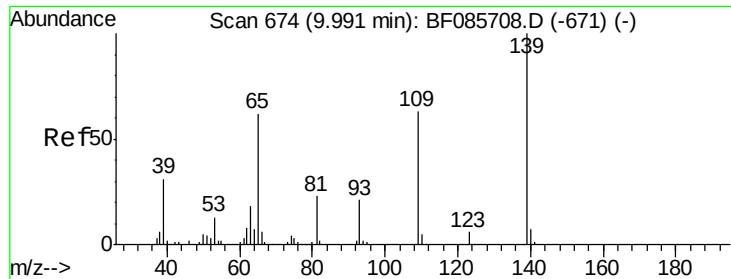
Sohil
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#54
Dibenzofuran
Concen: 38.06 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	31.9	47.9
169	13.4	11.0	16.6





#55

4-Nitrophenol

Concen: 40.60 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

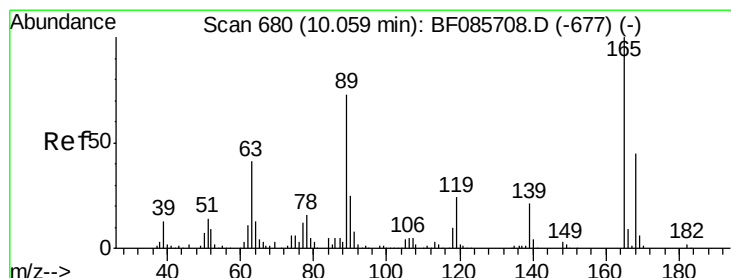
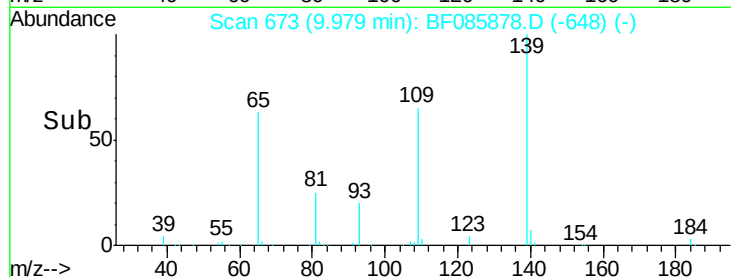
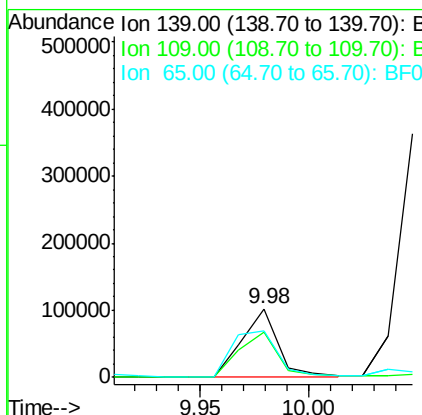
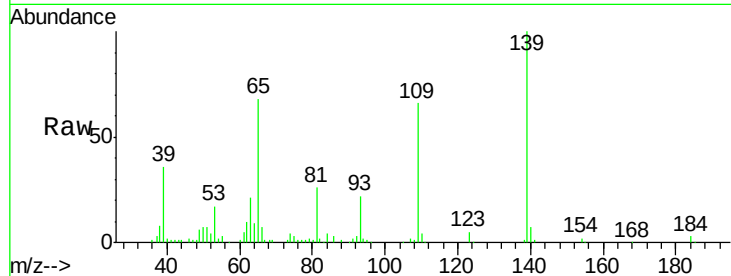
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	118717
Ion Ratio	Lower	Upper	
139	100		
109	65.7	49.2	89.2
65	68.1	66.9	106.9

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#56

2,4-Dinitrotoluene

Concen: 37.46 ng

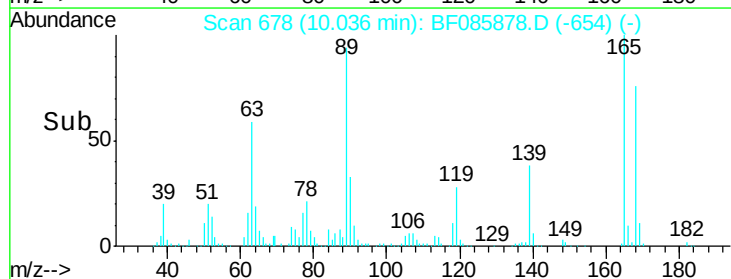
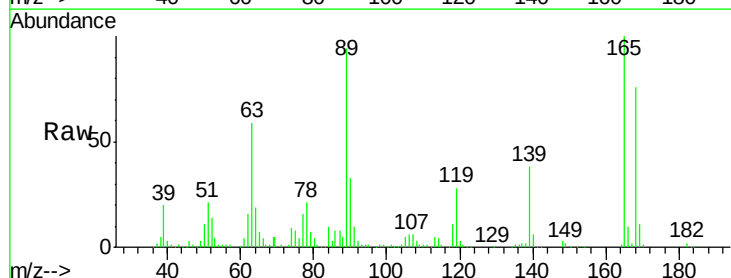
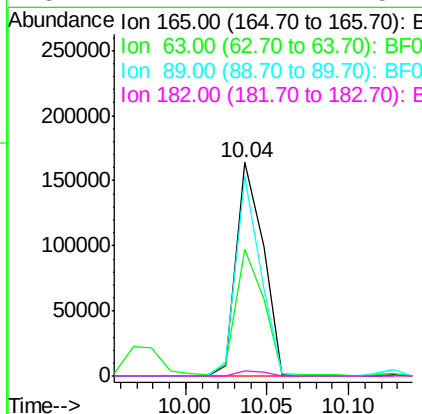
RT: 10.04 min Scan# 678

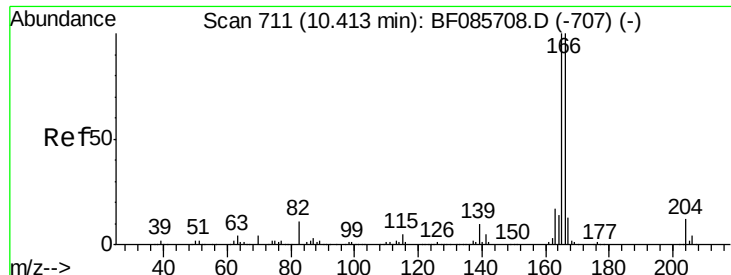
Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion:	165	Resp:	186721
Ion Ratio	Lower	Upper	
165	100		
63	59.1	24.9	37.3#
89	93.6	41.0	61.6#
182	2.4	2.1	3.1





#57

Fluorene

Concen: 39.44 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

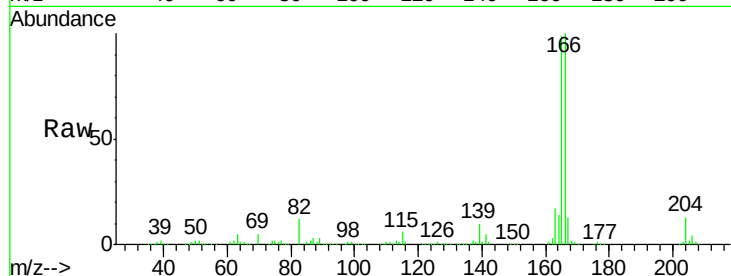
ClientSampleId :

SSTDCCC040

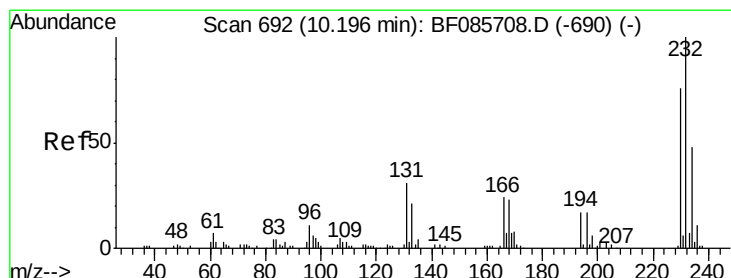
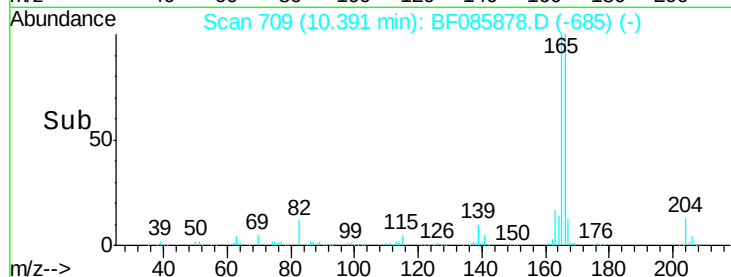
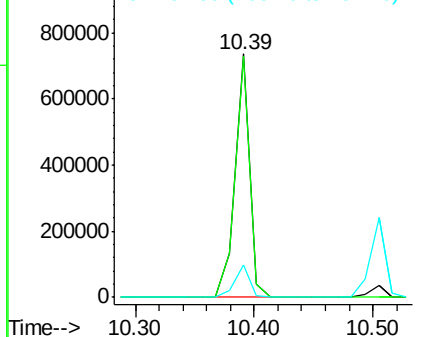
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.4	119.0
167	13.4	11.0	16.4

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.53 ng

RT: 10.17 min Scan# 690

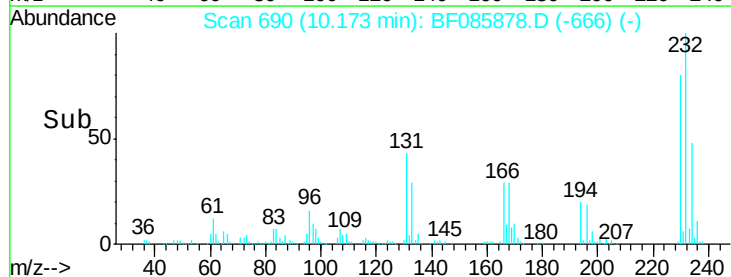
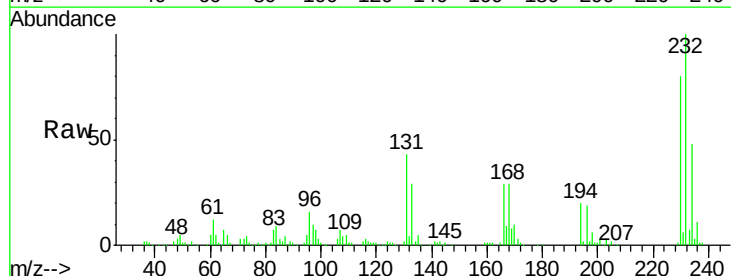
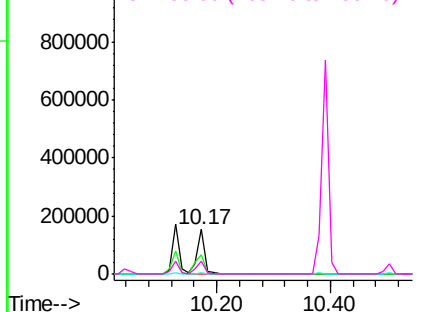
Delta R.T. -0.02 min

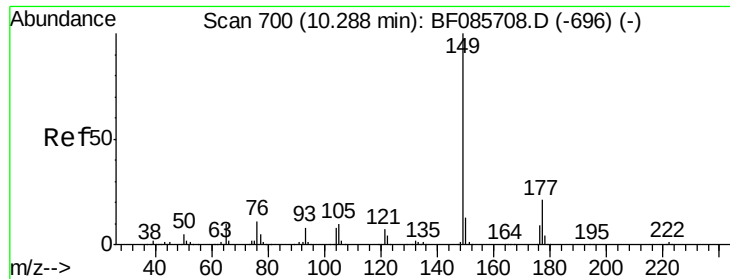
Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.7	44.9	67.3
130	2.6	2.3	3.5
166	32.6	28.1	42.1

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





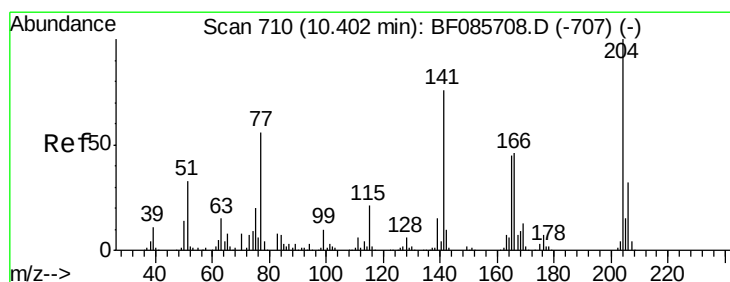
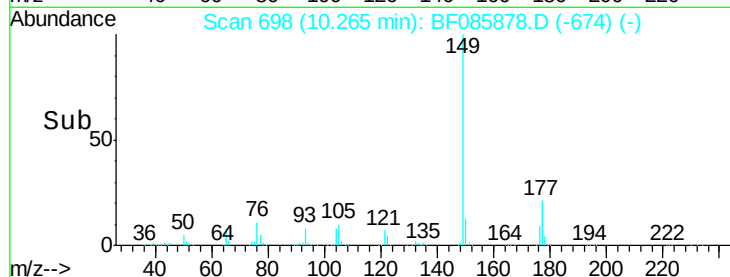
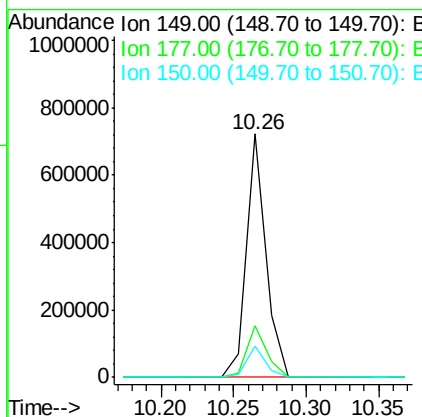
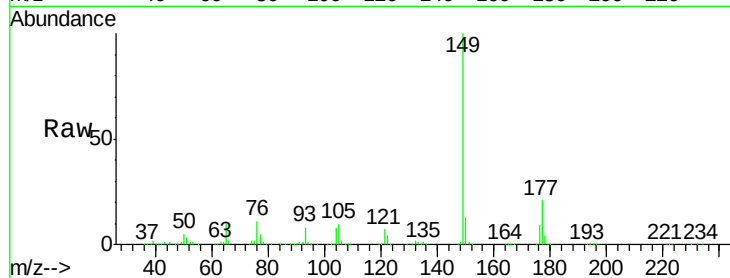
#59
Diethylphthalate
Concen: 37.29 ng
RT: 10.26 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	671175		
177	21.0		17.9	26.9
150	12.9		10.2	15.2

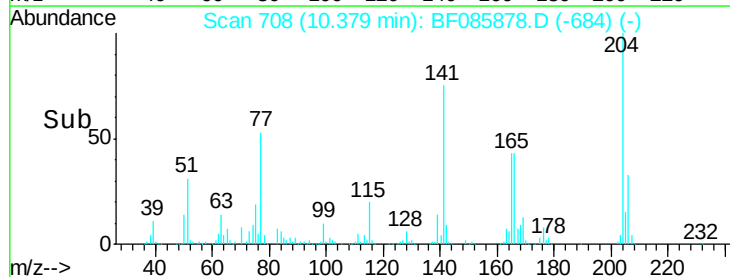
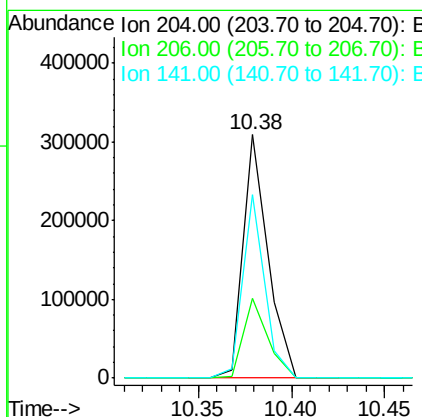
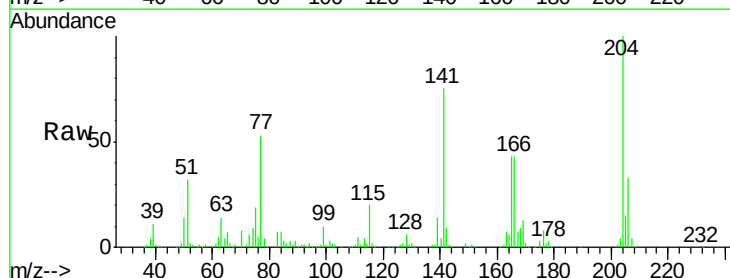
Manual Integrations
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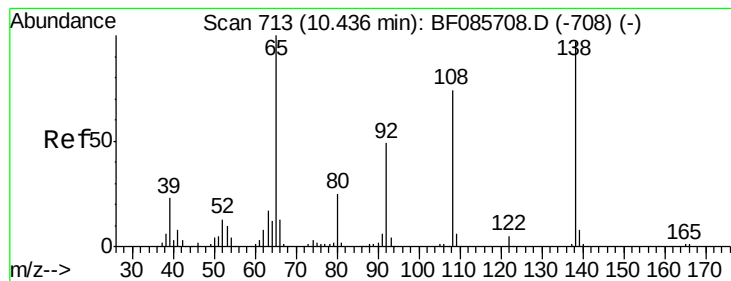
Sohil
3/31/2016 4:51:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.56 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	285195		
206	32.6		26.6	39.8
141	75.1		57.4	86.0





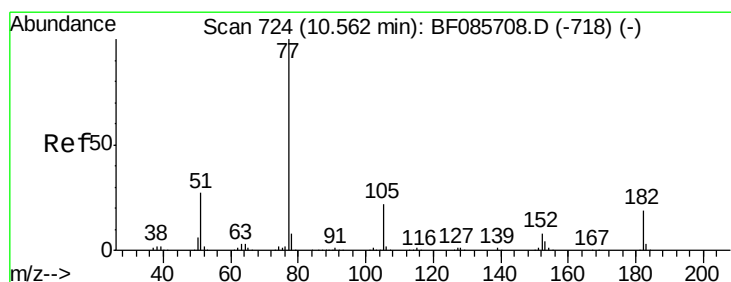
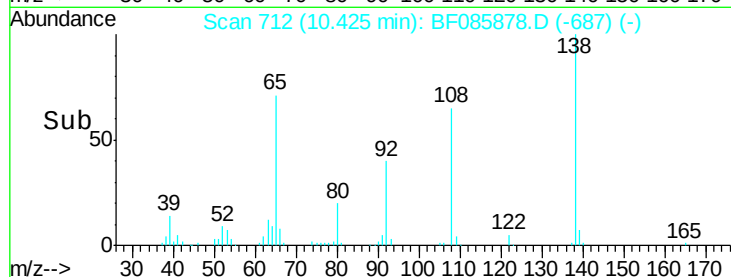
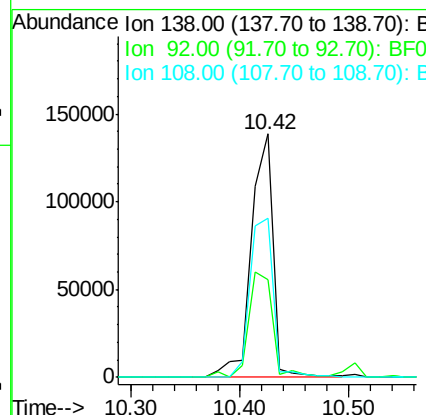
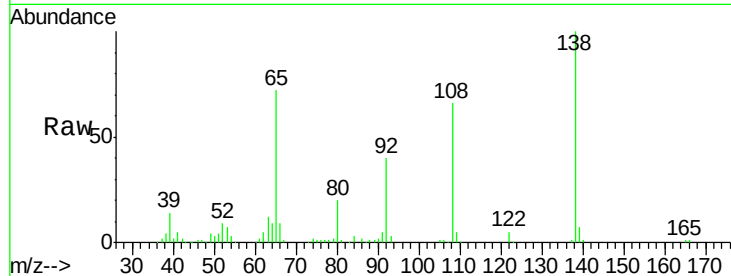
#61
4-Nitroaniline
Concen: 44.98 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	193105		
92	40.3	26.4	66.4	
108	65.6	49.0	89.0	

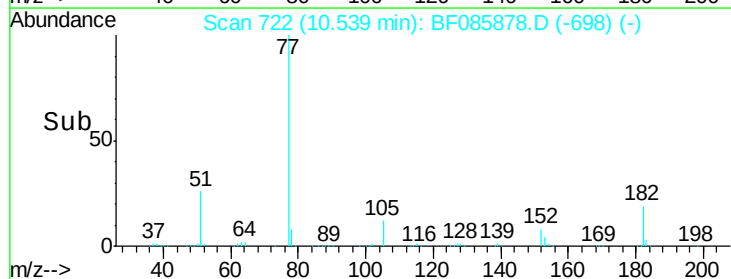
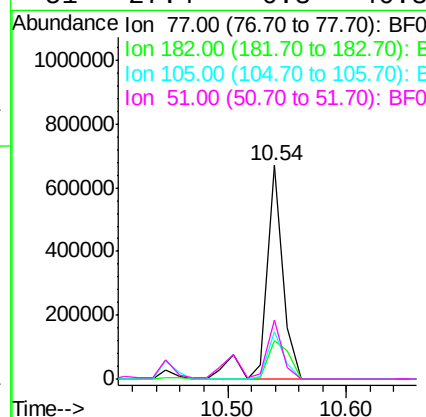
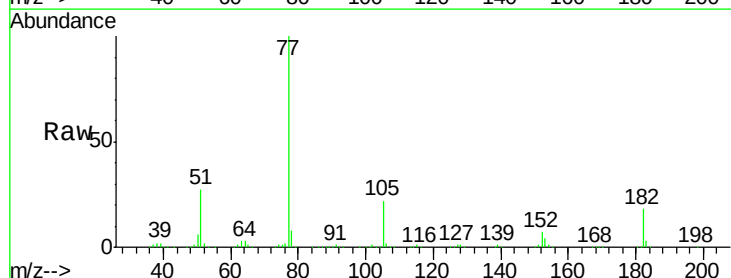
Manual Integrations
APPROVED

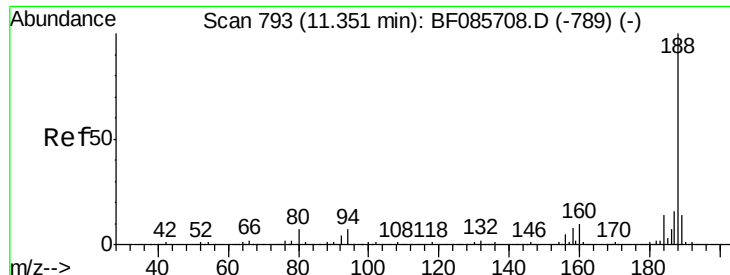
Sohil
3/31/2016 4:51:26 PM



#62
Azobenzene
Concen: 38.88 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	672476		
182	18.3	1.9	41.9	
105	22.0	3.5	43.5	
51	27.4	6.3	46.3	





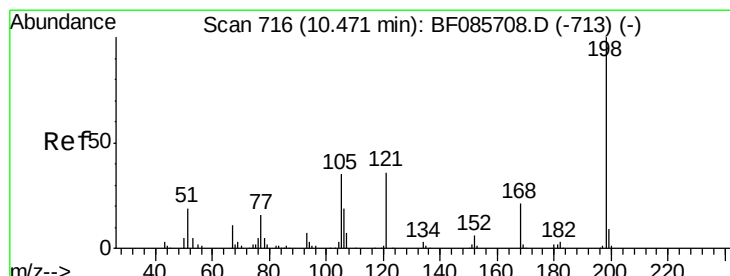
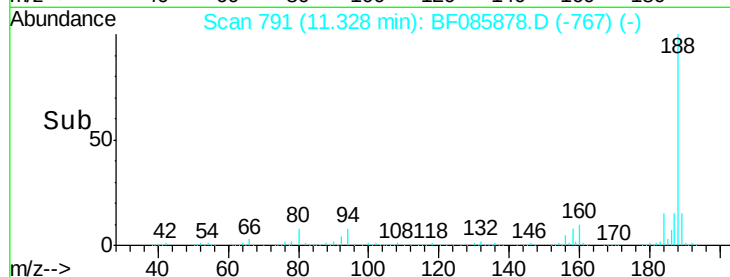
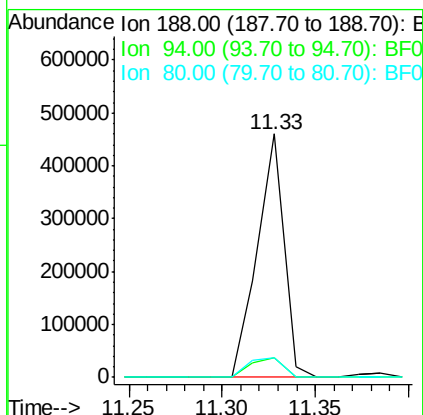
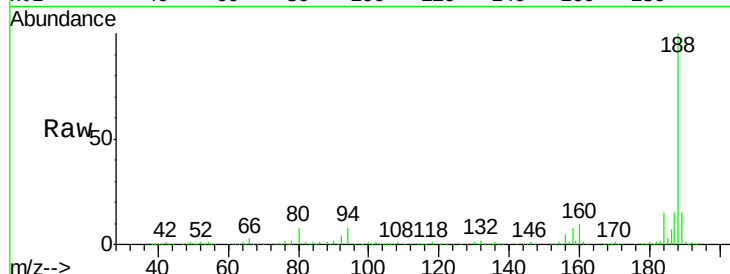
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	5.4	8.0
80	8.1	5.5	8.3

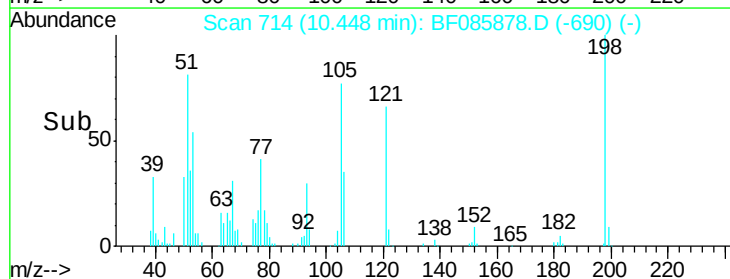
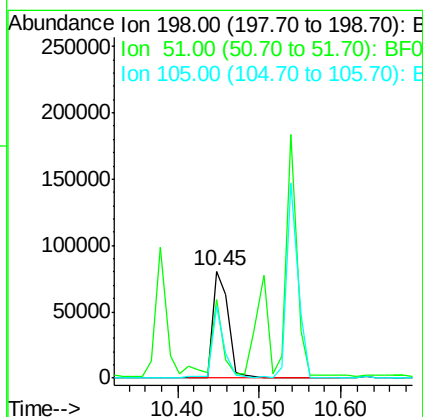
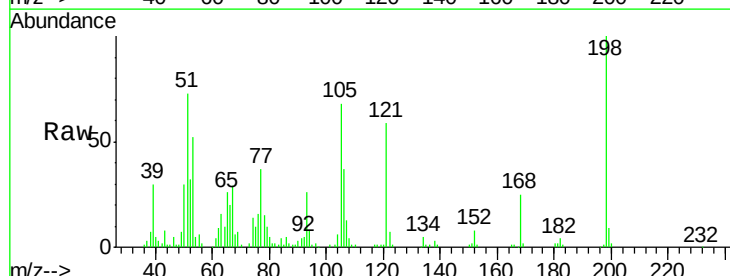
Manual Integrations
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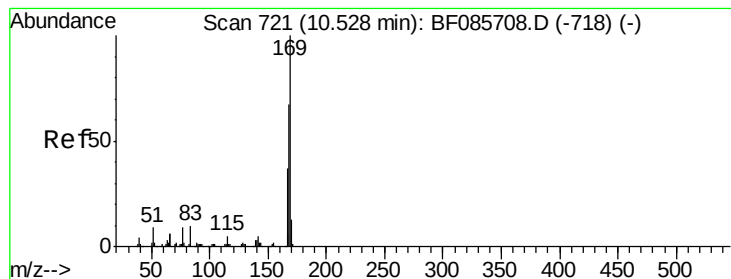
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.62 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	73.0	45.4	85.4
105	67.9	45.9	85.9





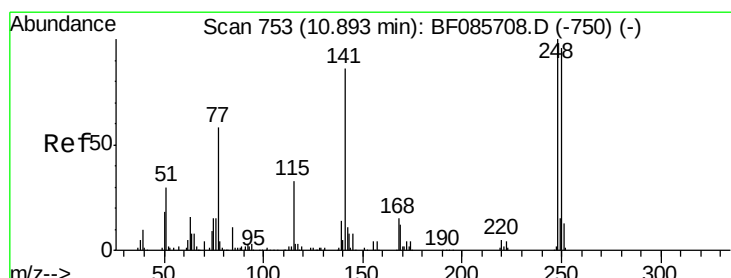
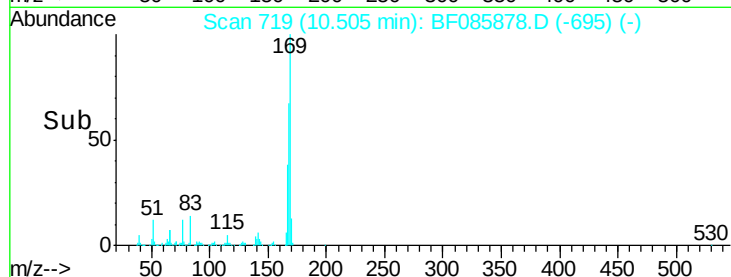
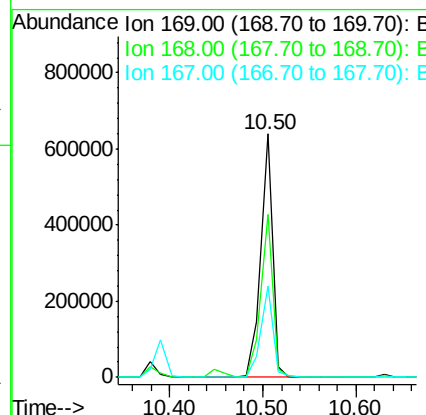
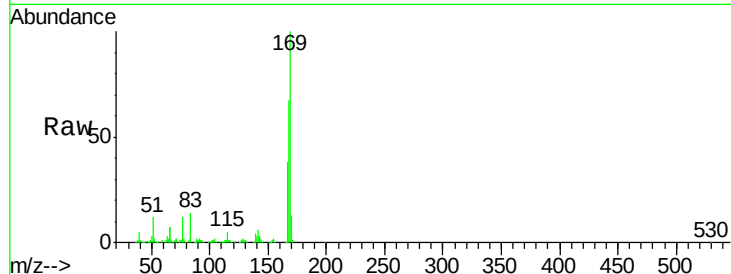
#65
n-Nitrosodiphenylamine
Concen: 39.16 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	565118		
168	66.9		54.4	81.6
167	37.7		29.4	44.0

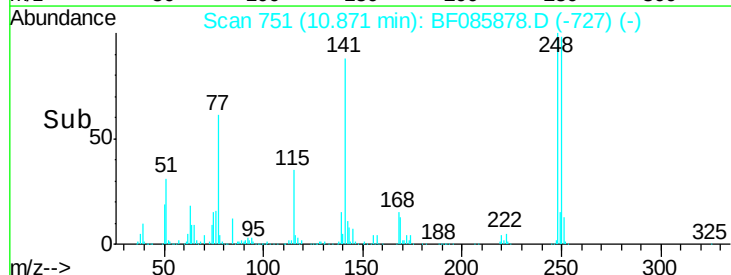
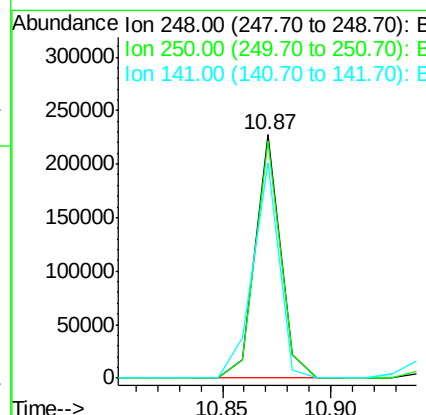
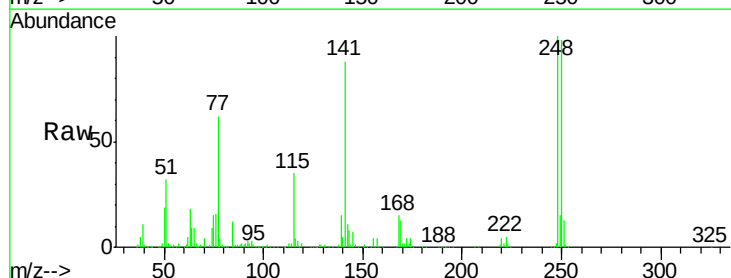
Manual Integrations
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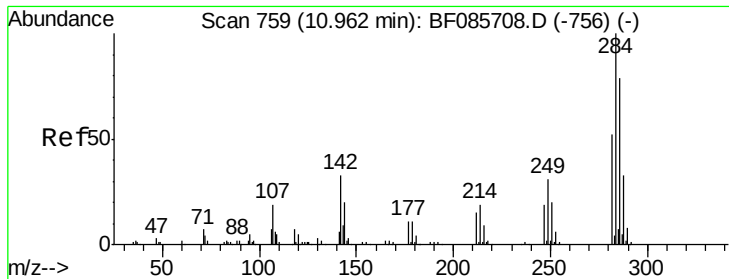
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 39.33 ng
RT: 10.87 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	183318		
250	97.6		77.4	116.0
141	88.3		63.6	95.4





#67

Hexachlorobenzene

Concen: 38.71 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

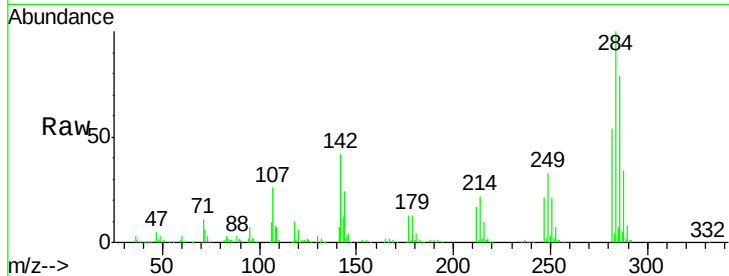
ClientSampleId :

SSTDCCC040

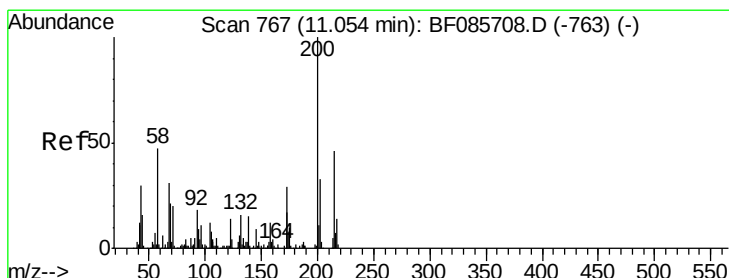
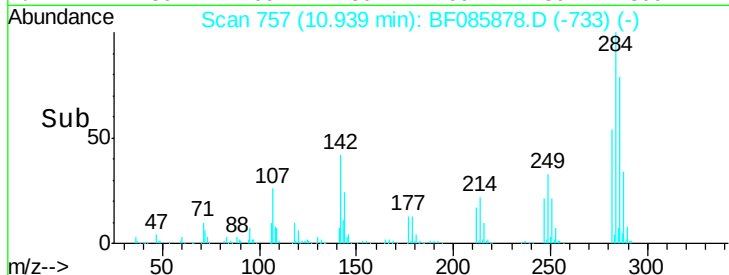
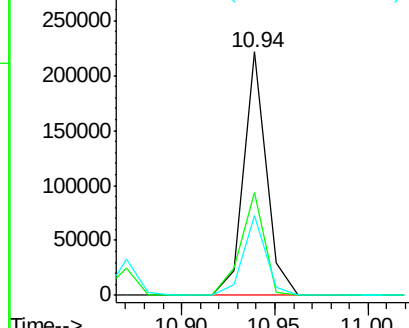
Tot Ion:	284	Resp:	188714
Ion Ratio		Lower	Upper
284	100		
142	42.4	23.1	34.7#
249	33.0	24.2	36.2

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



#68

Atrazine

Concen: 33.11 ng

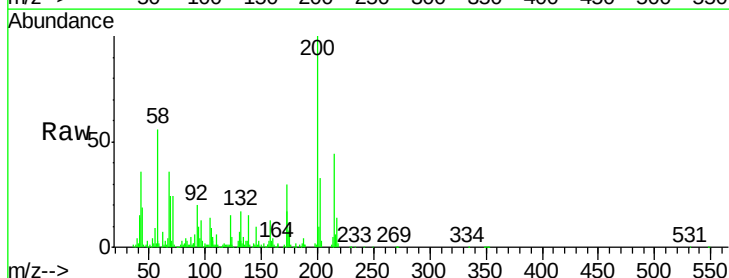
RT: 11.03 min Scan# 765

Delta R.T. -0.02 min

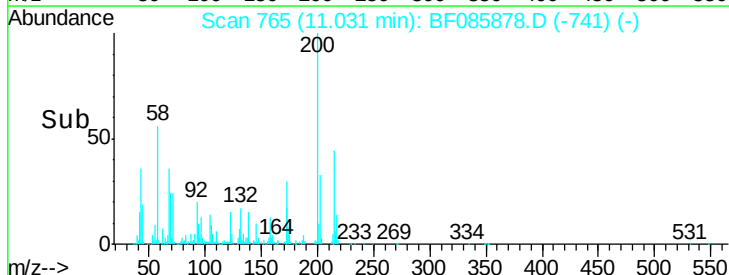
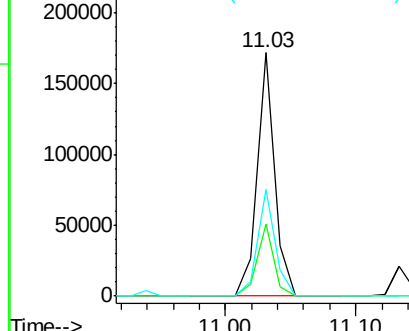
Lab File: BF085878.D

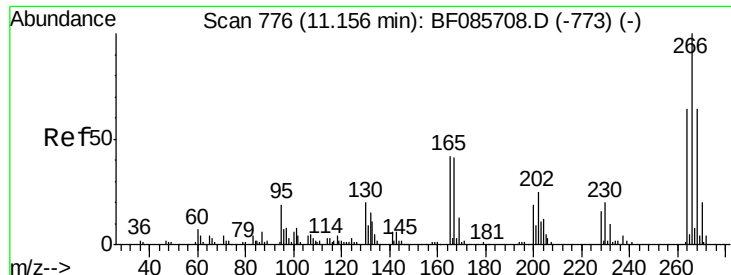
Acq: 30 Mar 2016 10:56

Tgt Ion:	200	Resp:	161304
Ion Ratio		Lower	Upper
200	100		
173	29.5	7.7	47.7
215	44.0	25.4	65.4



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





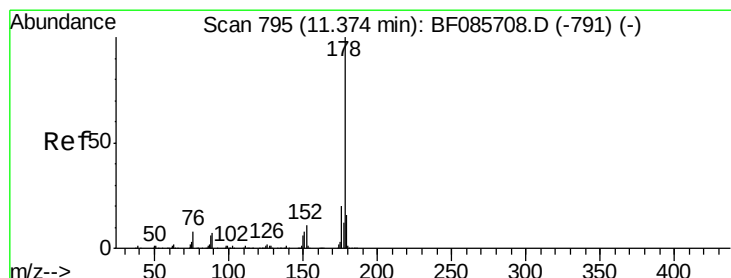
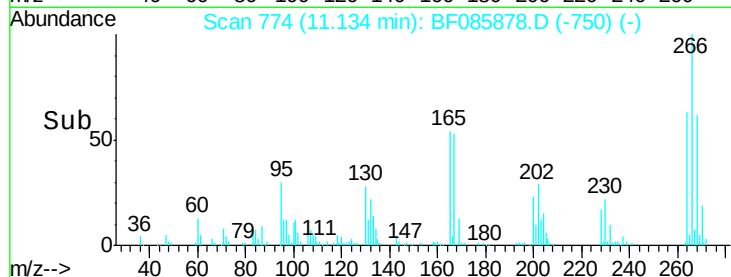
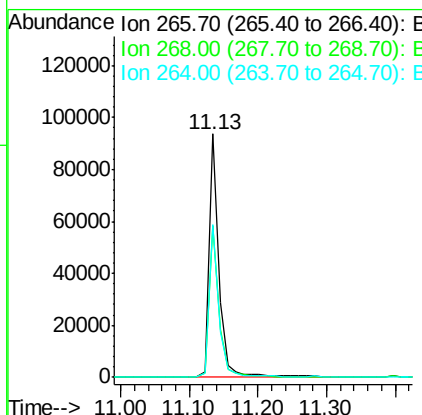
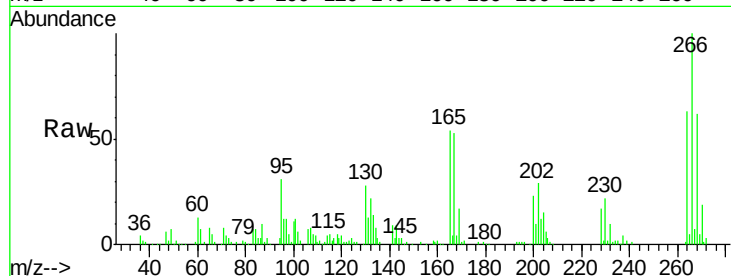
#69
 Pentachlorophenol
 Concen: 40.09 ng
 RT: 11.13 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	95936		
268	62.4	51.5	77.3	
264	62.7	50.6	76.0	

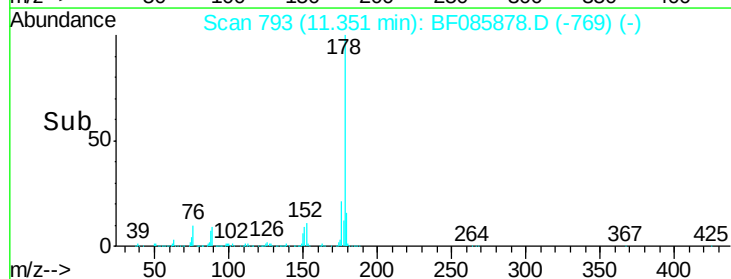
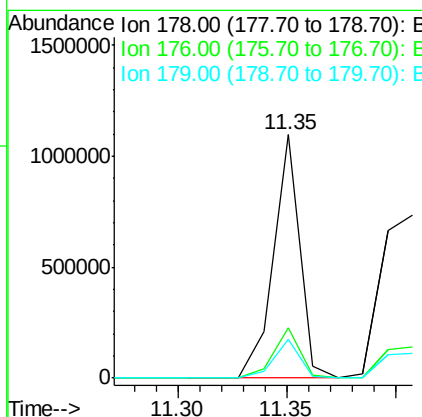
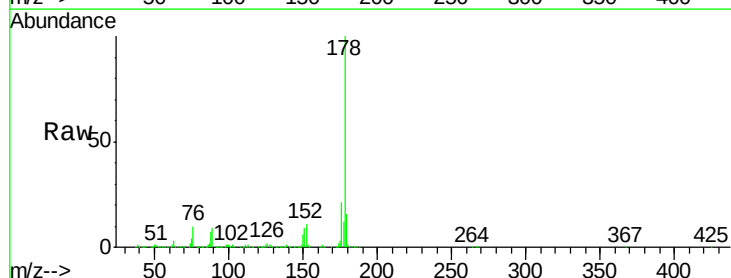
Manual Integrations
 APPROVED

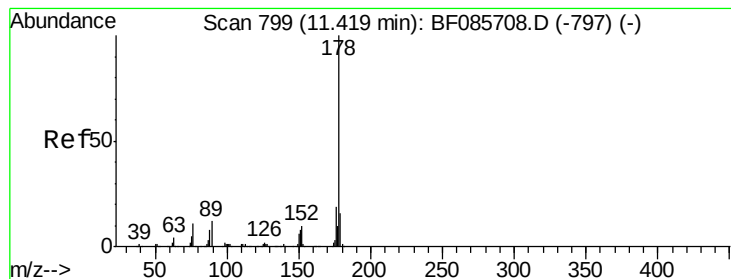
Sohil
 3/31/2016 4:51:26 PM



#70
 Phenanthrene
 Concen: 39.98 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	935382		
176	20.5	16.3	24.5	
179	15.9	12.6	18.8	





#71

Anthracene

Concen: 40.05 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF085878.D

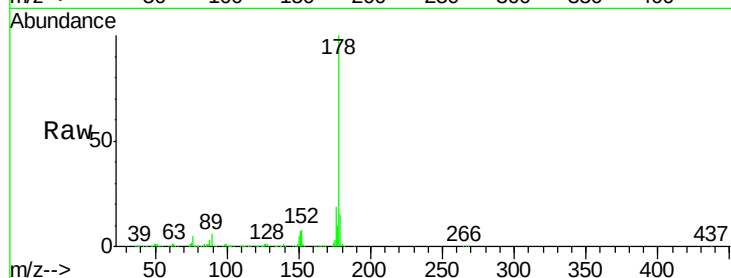
Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampled :

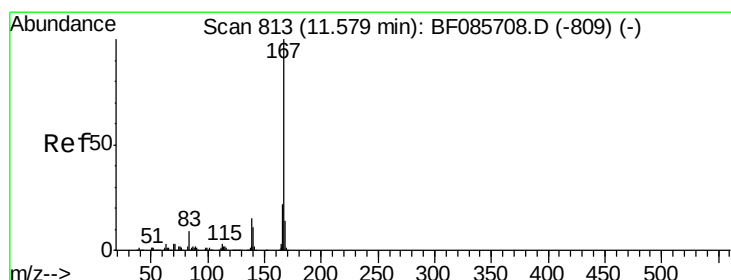
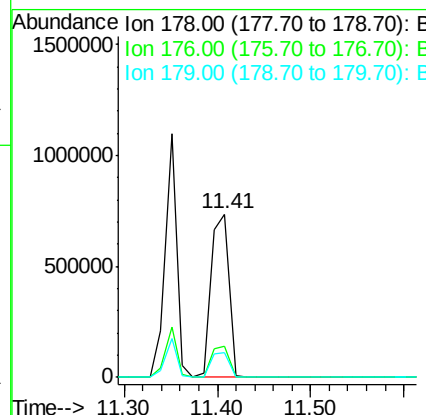
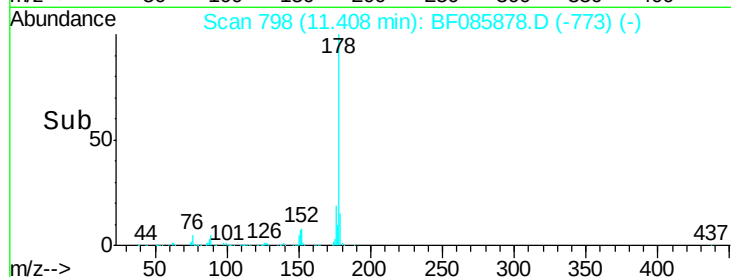
SSTDCCC040



Tot Ion:	178	Resp:	983604
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.9	23.9
179	15.3	13.0	19.4

Manual Integrations
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#72

Carbazole

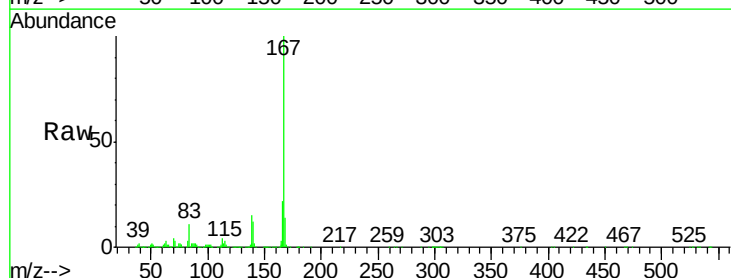
Concen: 38.27 ng

RT: 11.56 min Scan# 811

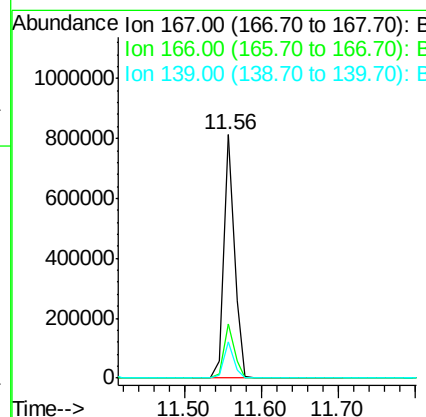
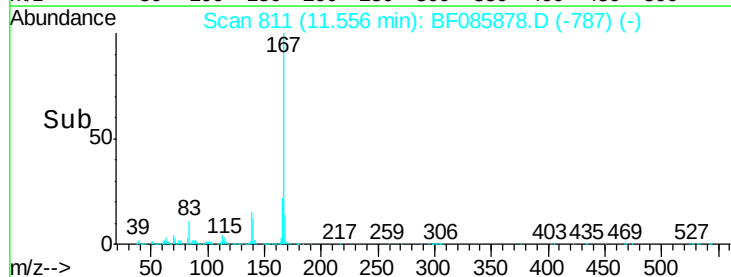
Delta R.T. -0.02 min

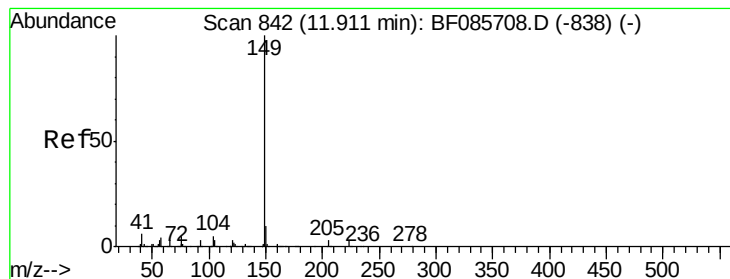
Lab File: BF085878.D

Acq: 30 Mar 2016 10:56



Tgt Ion:	167	Resp:	789178
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.8	26.8
139	15.1	11.6	17.4





#73

Di-n-butylphthalate

Concen: 37.21 ng

RT: 11.89 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1053042

Ion Ratio Lower Upper

149 100

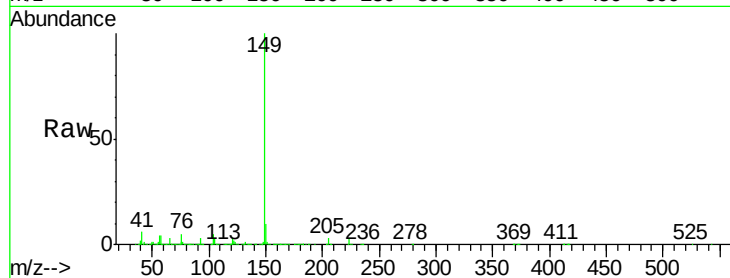
150 9.7 7.6 11.4

104 5.2 3.8 5.8

Manual Integrations
APPROVED

Sohil

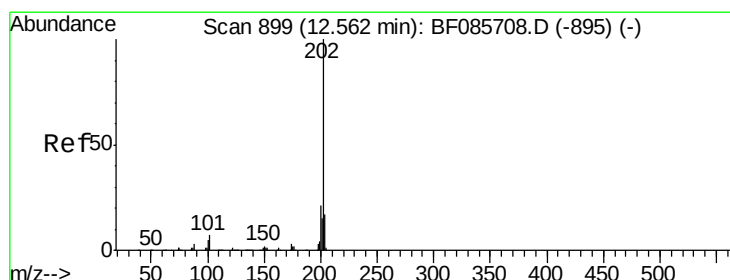
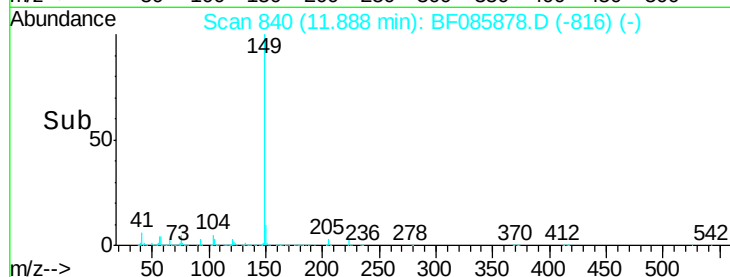
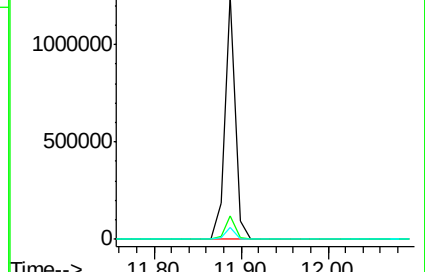
3/31/2016 4:51:26 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.87 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

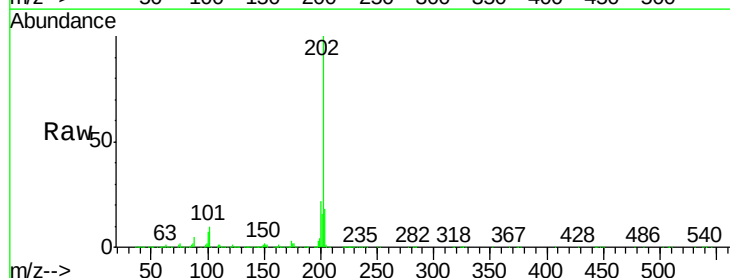
Tgt Ion:202 Resp: 1016283

Ion Ratio Lower Upper

202 100

101 9.9 0.0 36.6

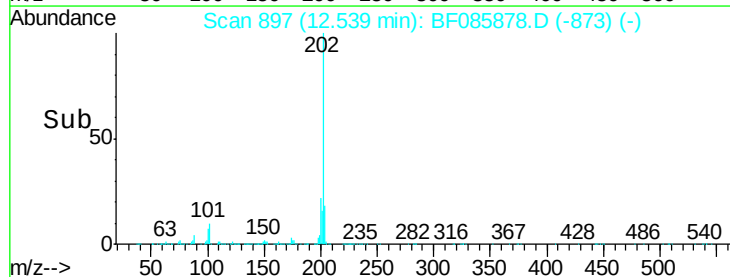
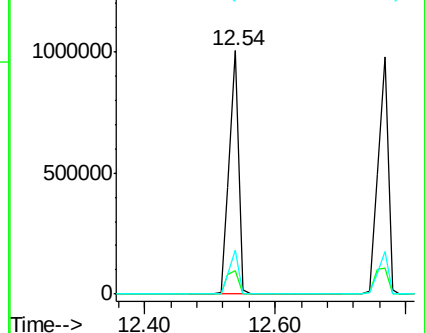
203 17.9 0.0 38.1

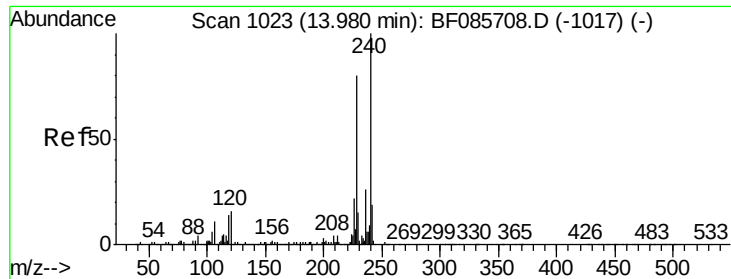


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





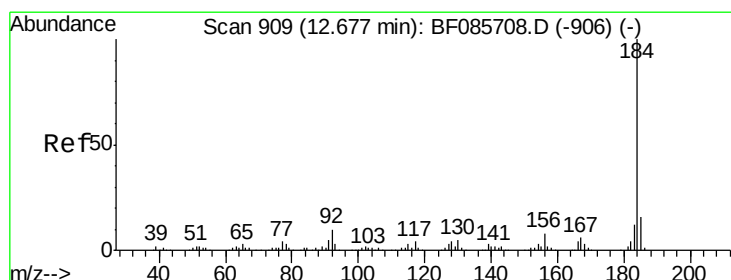
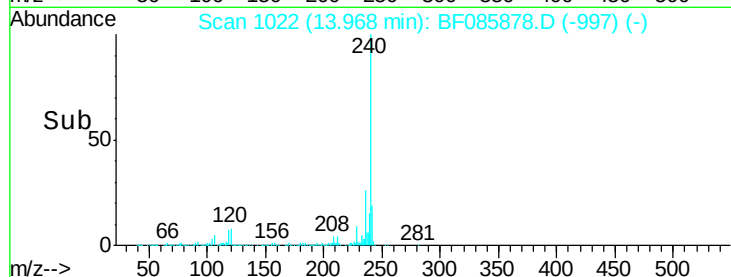
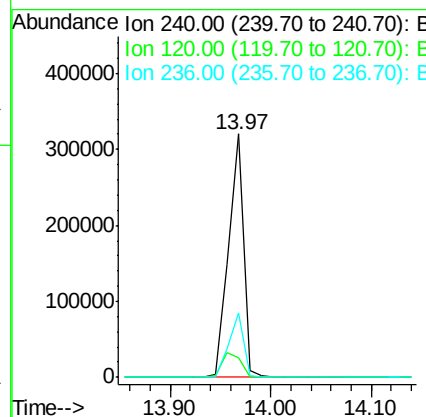
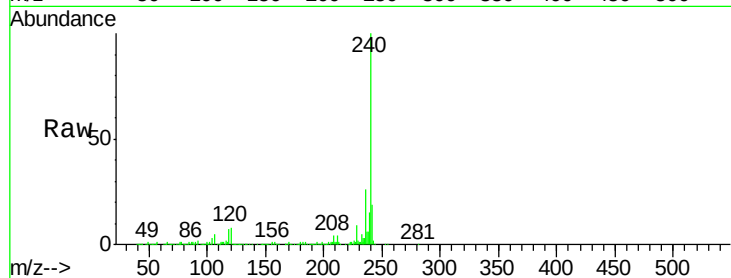
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	13.8	20.8#
236	26.5	20.6	30.8

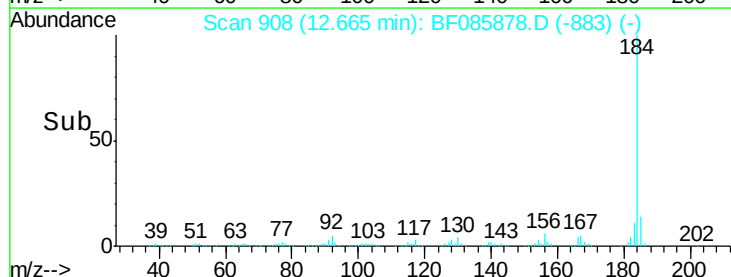
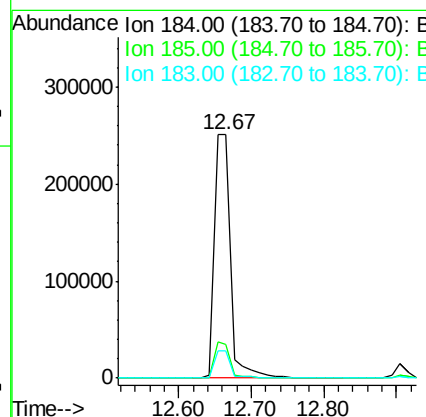
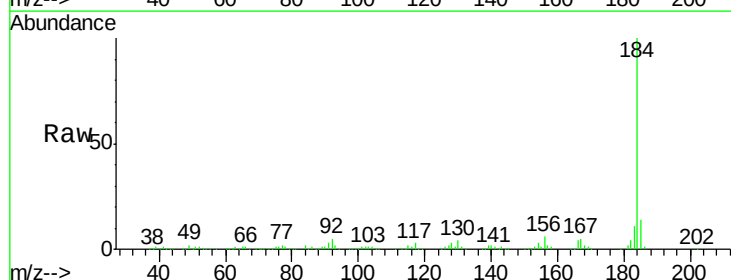
Manual Integrations
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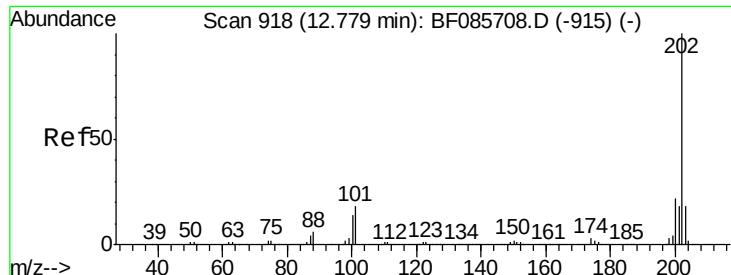
Sohil
3/31/2016 4:51:26 PM



#76
Benzidine
Concen: 32.72 ng
RT: 12.67 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.4	18.6
183	11.4	9.4	14.2





#77

Pvrene

Concen: 37.73 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1037623

Ion Ratio Lower Upper

202 100

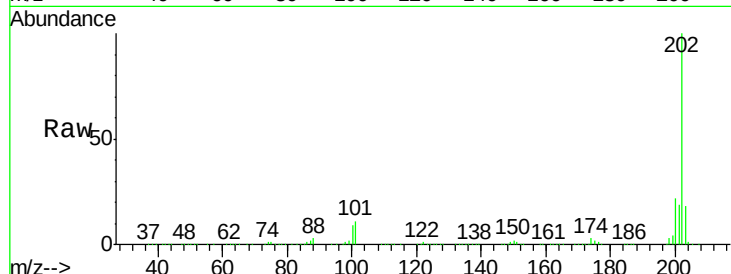
200 22.4 17.6 26.4

203 17.8 14.0 21.0

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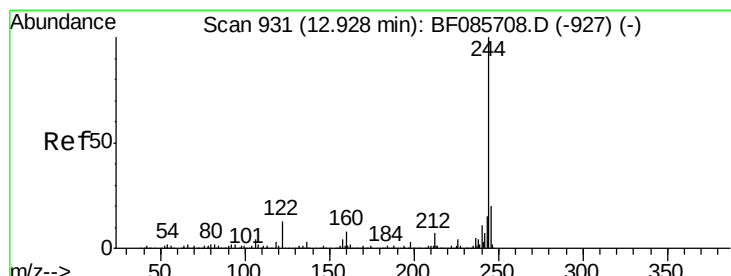
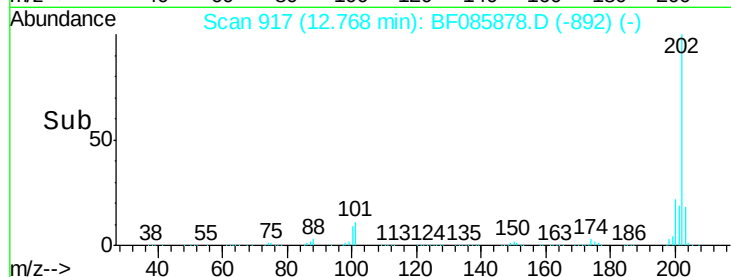
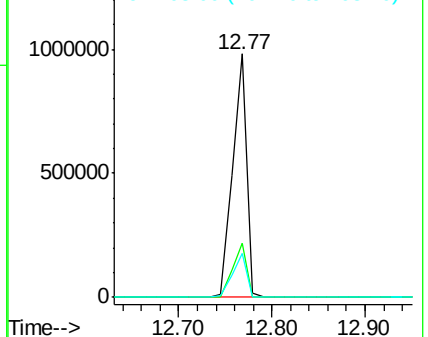
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.06 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

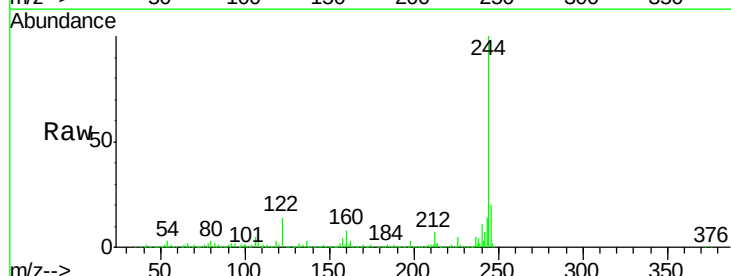
Tgt Ion:244 Resp: 1139735

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

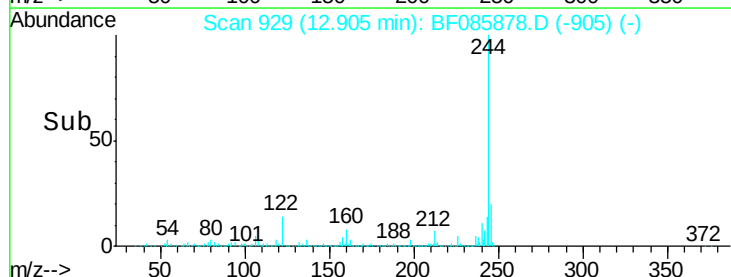
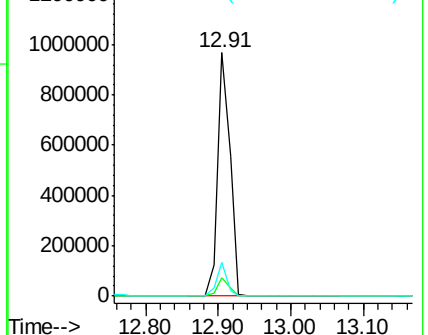
122 14.0 10.2 15.4

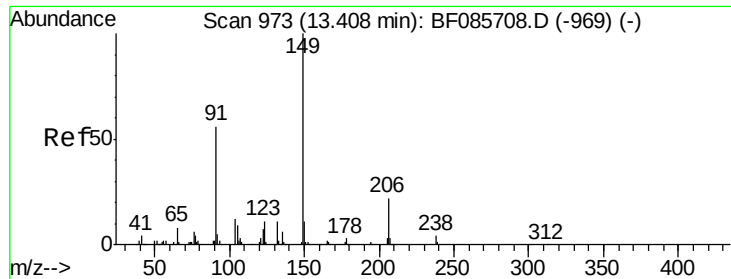


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





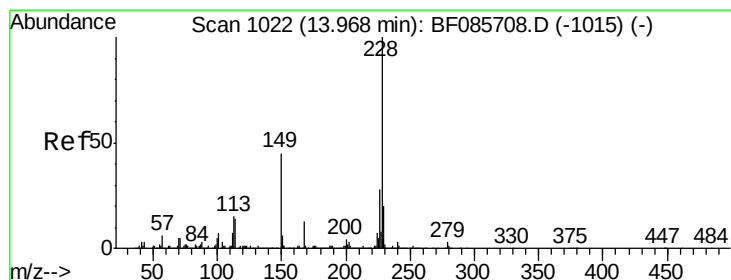
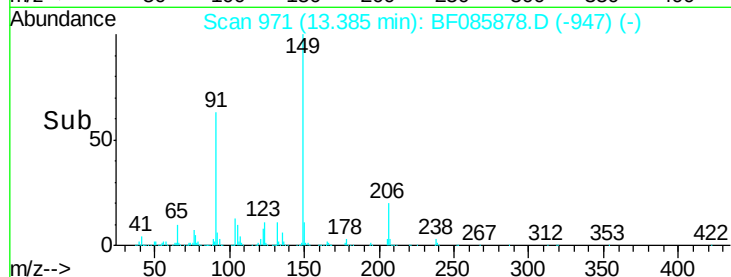
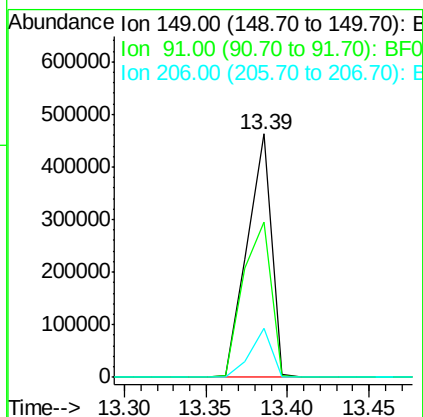
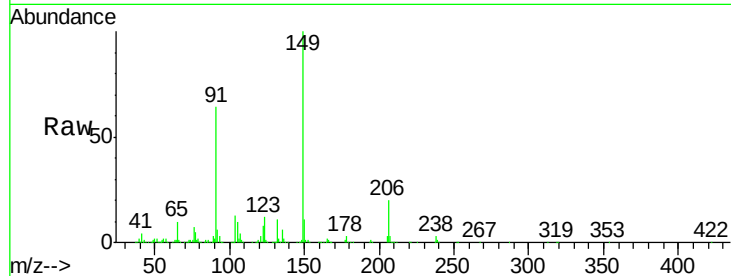
#79
Butylbenzylphthalate
Concen: 41.49 ng
RT: 13.39 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.6	45.8	68.8
206	20.1	17.8	26.8

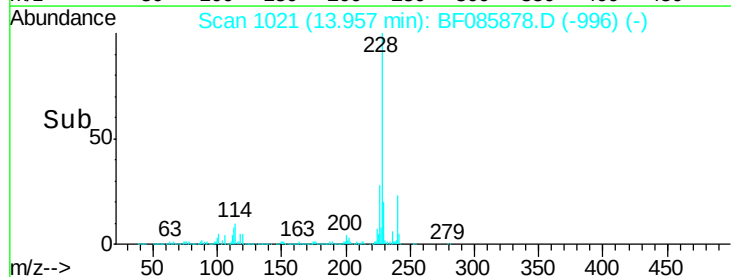
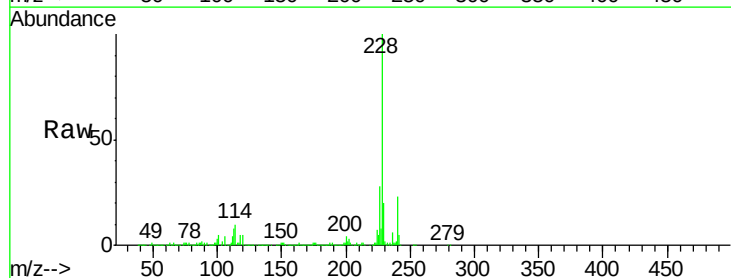
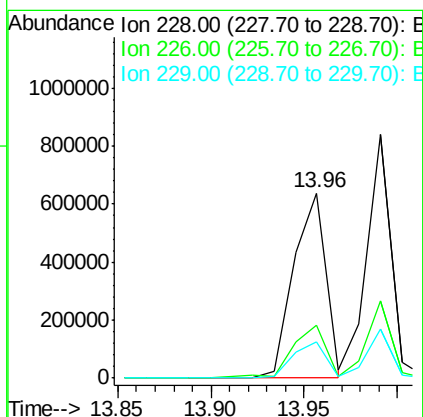
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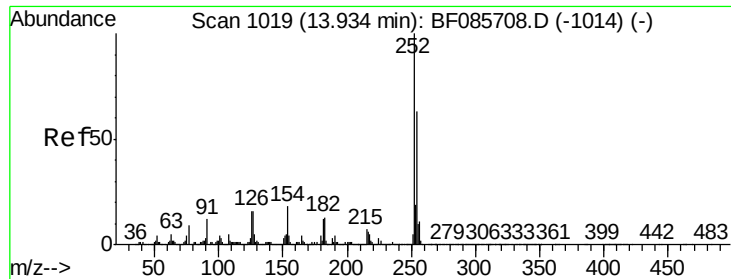
Sohil
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#80
Benzo(a)anthracene
Concen: 40.52 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	19.8	16.2	24.4





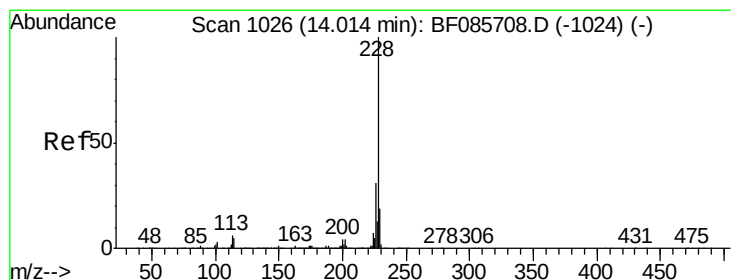
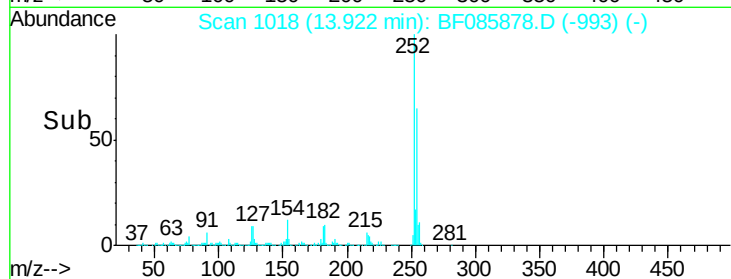
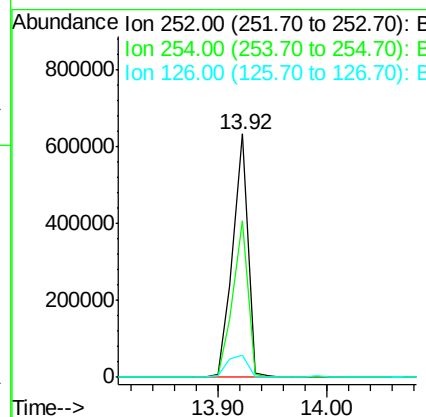
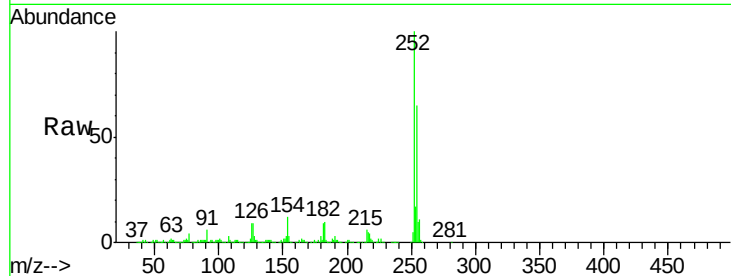
#81
 3,3'-Dichlorobenzidine
 Concen: 46.47 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.7	76.1
126	9.3	11.8	17.6

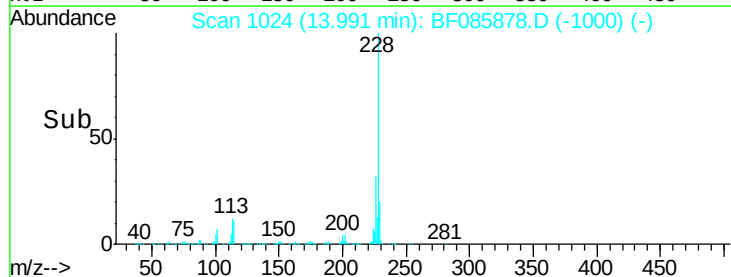
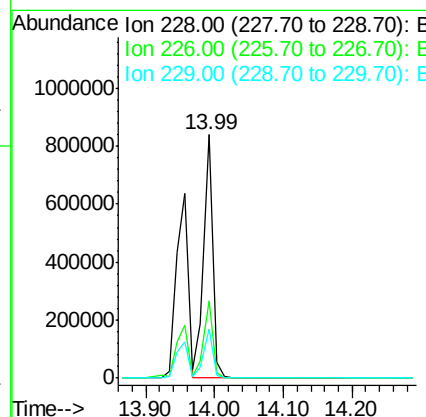
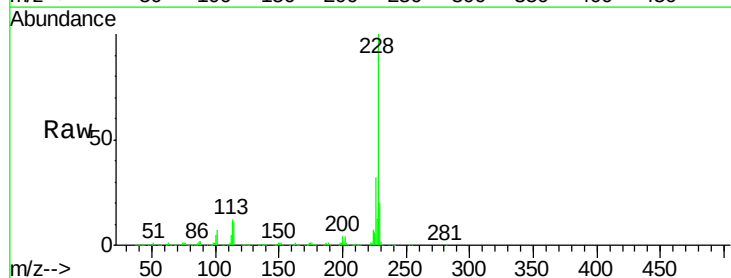
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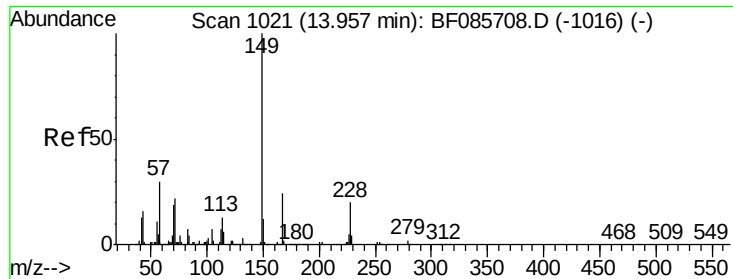
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#82
 Chrysene
 Concen: 39.37 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.0	15.7	23.5





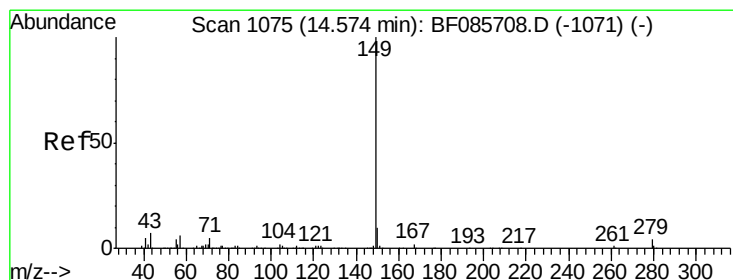
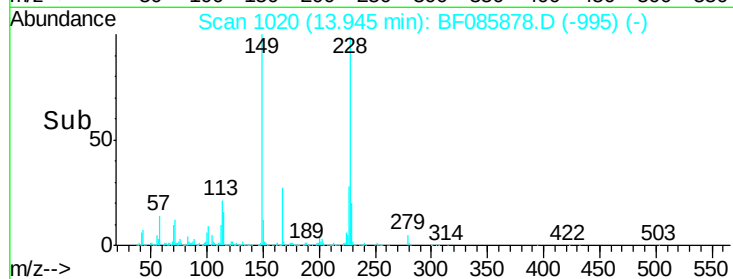
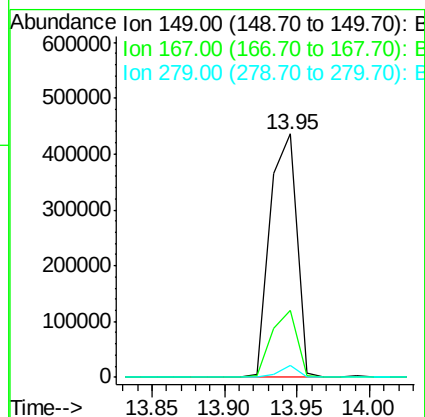
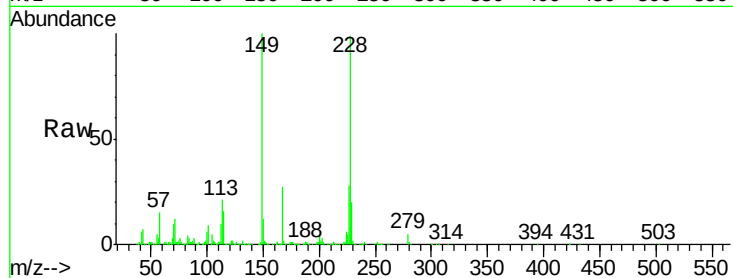
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.79 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.4	29.2
279	5.1	1.5	2.3

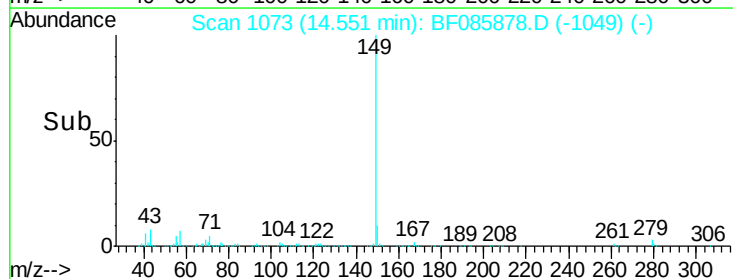
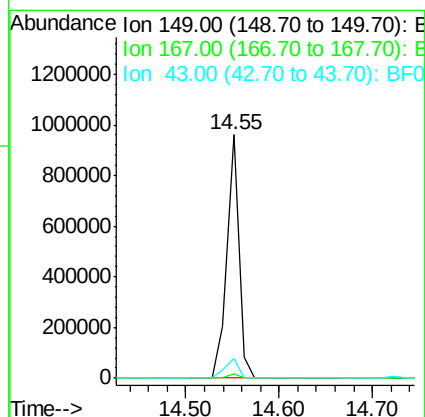
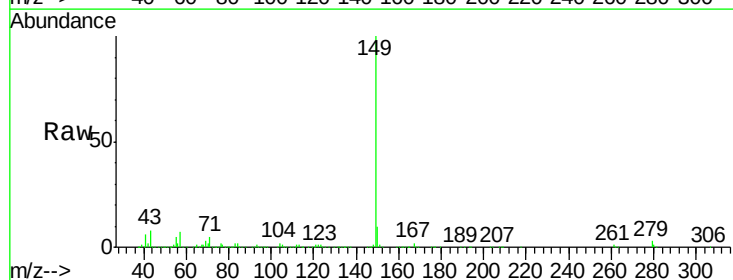
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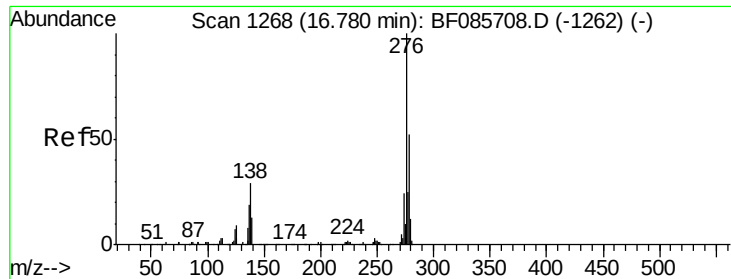
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#84
Di-n-octyl phthalate
Concen: 41.99 ng
RT: 14.55 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.76 ng

RT: 16.76 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

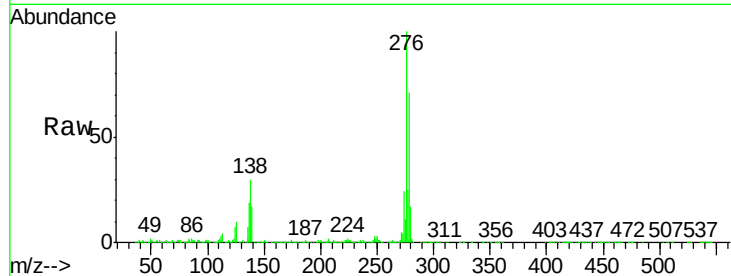
ClientSampleId :

SSTDCCC040

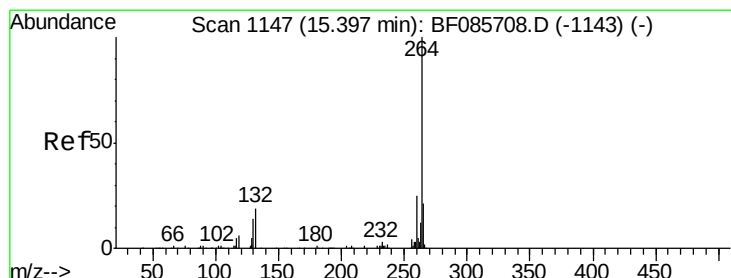
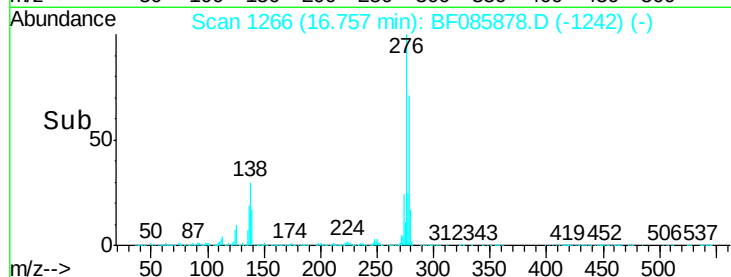
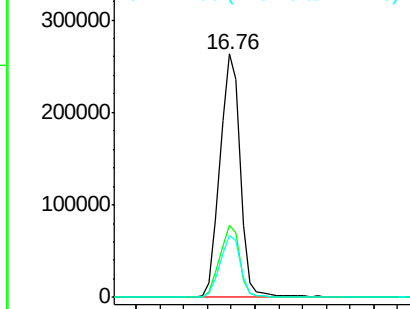
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.2	36.4
277	25.9	20.0	30.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

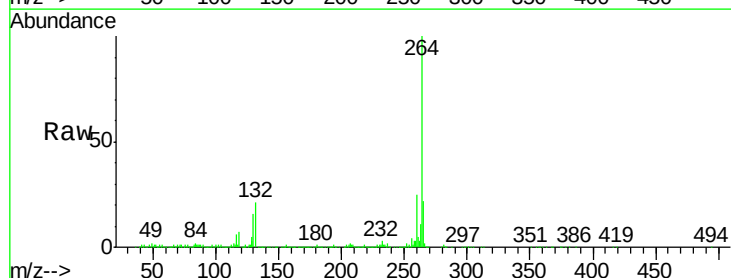
RT: 15.37 min Scan# 1145

Delta R.T. -0.02 min

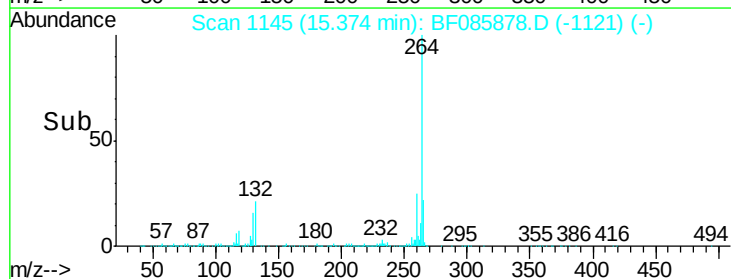
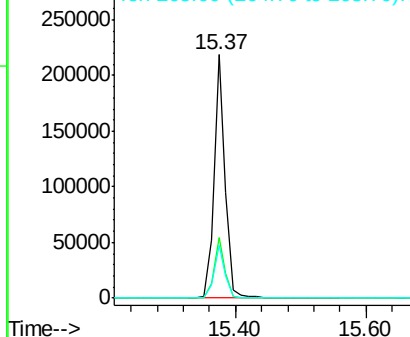
Lab File: BF085878.D

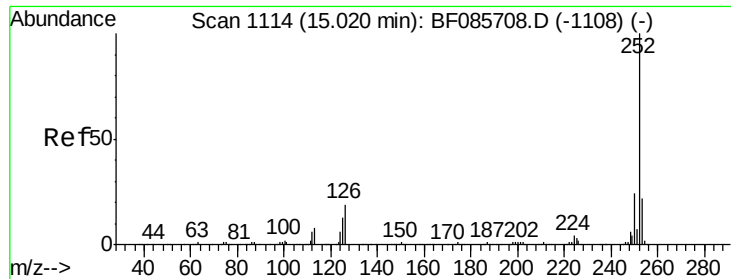
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.8	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.00 ng m

RT: 14.97 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

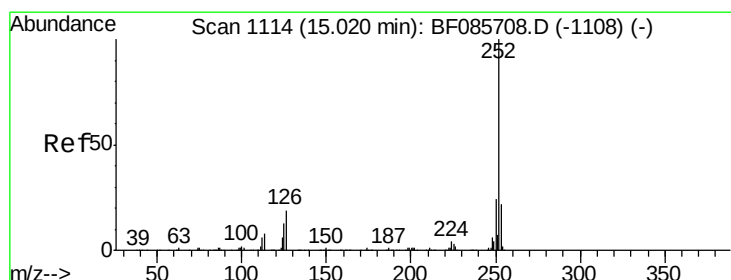
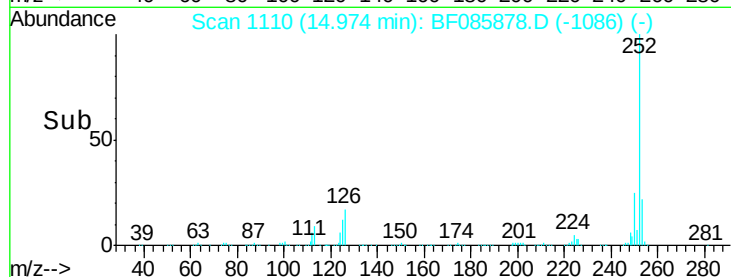
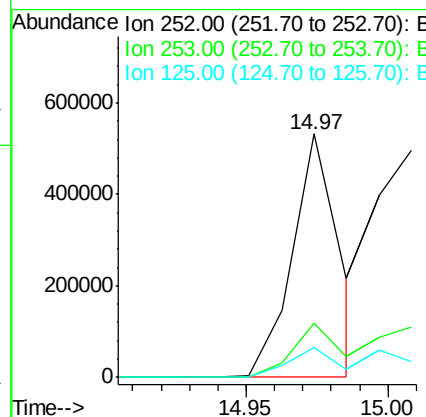
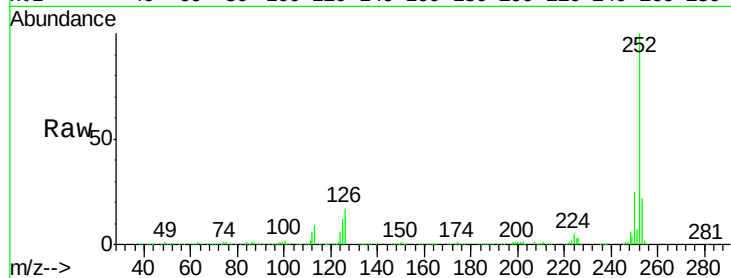
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	615569
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	12.3	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 42.90 ng m

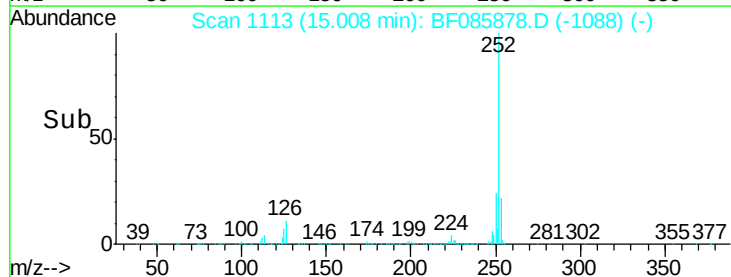
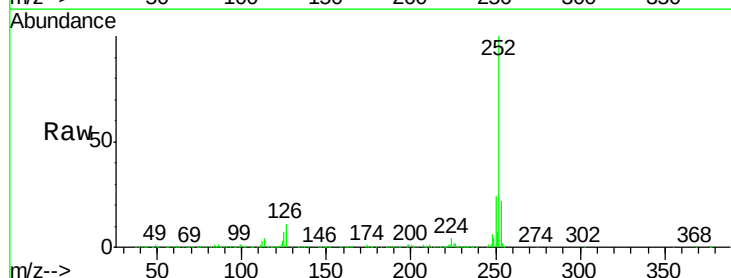
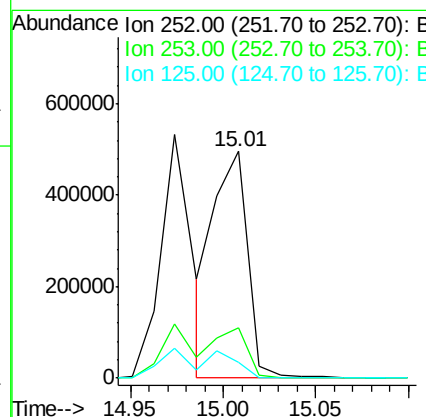
RT: 15.01 min Scan# 1113

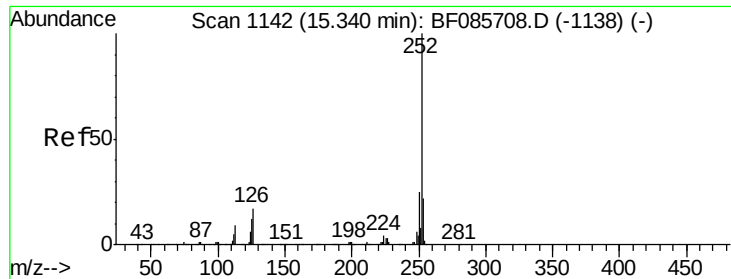
Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion:	252	Resp:	643444
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	6.9	7.7	11.5#





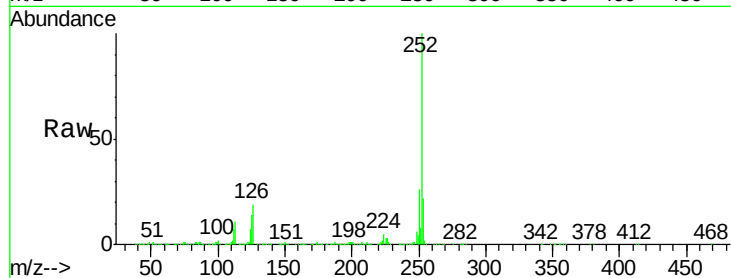
#89
Benzo(a)pyrene
Concen: 39.47 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	14.2	10.3	15.5

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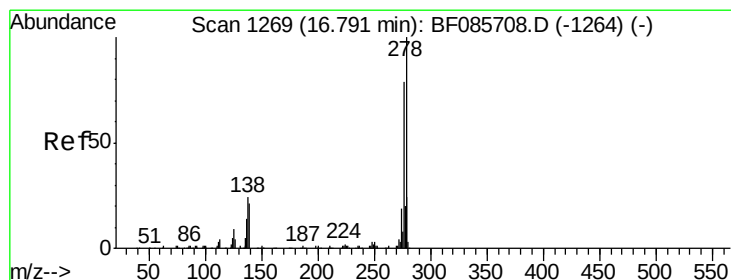
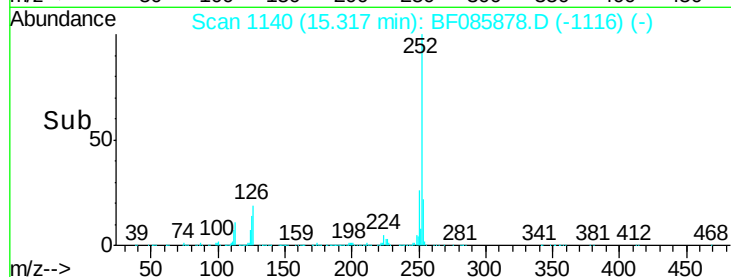
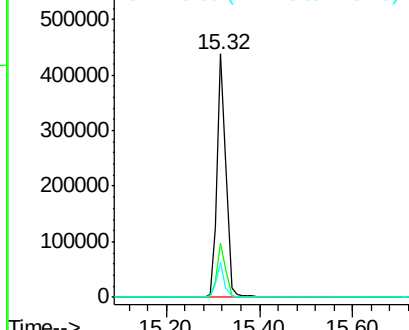


Abundance

Ion 252.00 (251.70 to 252.70): E

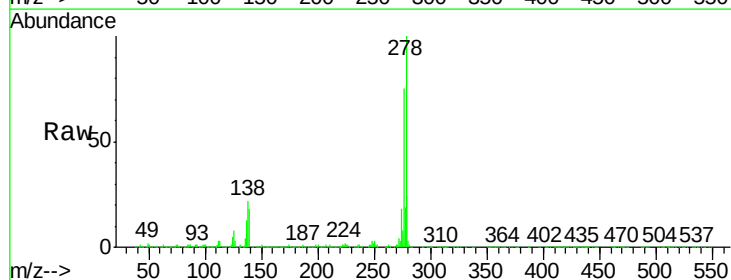
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 37.86 ng
RT: 16.77 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.4	21.6
279	23.9	19.1	28.7

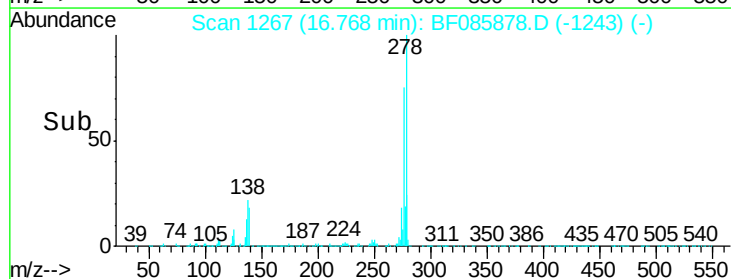
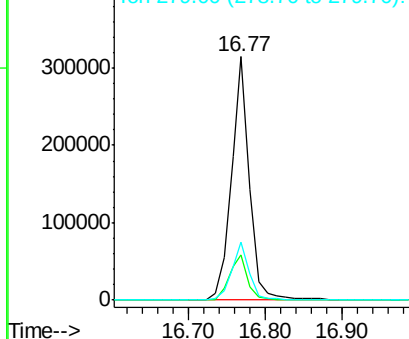


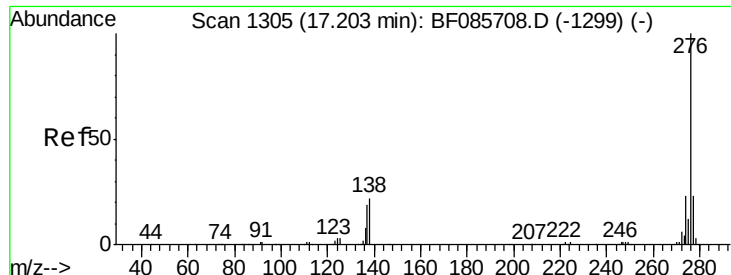
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.60 ng
 RT: 17.17 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	26.8	22.6	34.0

Manual Integrations
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