

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085853.D
 Acq On : 29 Mar 2016 17:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 3/30/2016 7:04:25 PM

Quant Time: Mar 30 01:01:56 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	116996	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	479150	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	221264	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	411212	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	291640	20.00	ng	-0.01
86) Perylene-d12	15.39	264	219454	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	587514	83.63	ng	-0.01
7) Phenol-d6	6.45	99	716308	80.20	ng	-0.01
23) Nitrobenzene-d5	7.37	82	699349	82.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	186607	88.77	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1138549	85.97	ng	-0.02
78) Terphenyl-d14	12.92	244	1089210	76.81	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	141435	42.16	ng	99
3) Pyridine	3.06	79	342187	42.55	ng	99
4) n-Nitrosodimethylamine	3.02	42	148029	45.98	ng	99
6) Aniline	6.47	93	489717	40.73	ng	97
8) 2-Chlorophenol	6.60	128	349361	42.80	ng	93
9) Benzaldehyde	6.36	77	210057	39.03	ng	95
10) Phenol	6.46	94	406819	40.20	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	340245	43.69	ng	96
12) 1,3-Dichlorobenzene	6.74	146	361420	41.12	ng	# 93
13) 1,4-Dichlorobenzene	6.82	146	378096	42.42	ng	97
14) 1,2-Dichlorobenzene	6.97	146	324096m	39.01	ng	
15) Benzyl Alcohol	6.95	79	241571	40.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	401941	38.90	ng	96
17) 2-Methylphenol	7.08	107	285542	43.70	ng	99
18) Hexachloroethane	7.32	117	132615	40.63	ng	# 86
19) n-Nitroso-di-n-propylamine	7.24	70	217146	40.60	ng	95
20) 3+4-Methylphenols	7.22	107	301043	38.32	ng	# 87
22) Acetophenone	7.22	105	433956	38.88	ng	96
24) Nitrobenzene	7.40	77	367789	41.93	ng	98
25) Isophorone	7.64	82	636278	38.82	ng	98
26) 2-Nitrophenol	7.72	139	199635	45.50	ng	95
27) 2,4-Dimethylphenol	7.75	122	305787	39.87	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	397484	42.56	ng	99
29) 2,4-Dichlorophenol	7.96	162	263910	40.93	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	284076	39.69	ng	98
31) Naphthalene	8.12	128	924799	38.30	ng	100
32) Benzoic acid	7.89	122	175489	34.45	ng	98
33) 4-Chloroaniline	8.17	127	406040	41.19	ng	99
34) Hexachlorobutadiene	8.23	225	145631	37.43	ng	99
35) Caprolactam	8.55	113	84659	37.07	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	286138	37.99	ng	95
37) 2-Methylnaphthalene	8.80	142	596959	41.65	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	255867	39.00	ng	98
40) Hexachlorocyclopentadiene	8.96	237	87963	37.66	ng	99

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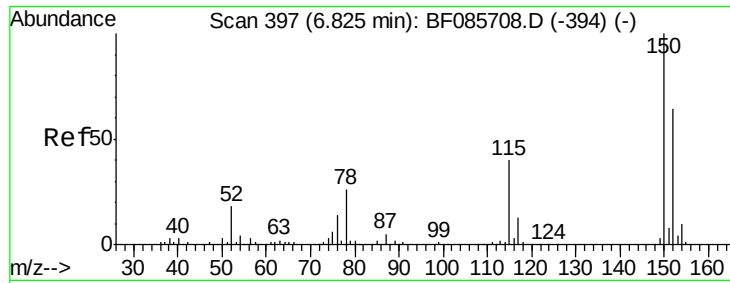
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	178799	40.35	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	192797	41.48	ng #	94
45) 1,1'-Biphenyl	9.27	154	710682	38.06	ng	98
46) 2-Chloronaphthalene	9.29	162	543489	39.59	ng #	91
47) 2-Nitroaniline	9.40	65	170888	40.70	ng	95
48) Acenaphthylene	9.72	152	924633	41.33	ng	98
49) Dimethylphthalate	9.58	163	680391	40.53	ng	100
50) 2,6-Dinitrotoluene	9.64	165	139728	38.67	ng	87
51) Acenaphthene	9.89	154	551570	40.37	ng	99
52) 3-Nitroaniline	9.81	138	156697	37.89	ng	96
53) 2,4-Dinitrophenol	9.92	184	68439	40.70	ng #	75
54) Dibenzofuran	10.06	168	732845	41.44	ng	96
55) 4-Nitrophenol	9.98	139	120352	44.67	ng	93
56) 2,4-Dinitrotoluene	10.05	165	202968	44.19	ng #	76
57) Fluorene	10.40	166	597956	40.67	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	131518	40.72	ng	100
59) Diethylphthalate	10.28	149	702098	42.33	ng	100
60) 4-Chlorophenyl-phenylether	10.39	204	302824	42.13	ng	89
61) 4-Nitroaniline	10.42	138	172325	43.56	ng	94
62) Azobenzene	10.55	77	685047	42.98	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	104412	43.36	ng #	62
65) n-Nitrosodiphenylamine	10.50	169	515651	39.59	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	178681	42.47	ng #	88
67) Hexachlorobenzene	10.95	284	186931	42.49	ng #	90
68) Atrazine	11.04	200	182582	41.52	ng	99
69) Pentachlorophenol	11.14	266	90067	41.70	ng	99
70) Phenanthrene	11.36	178	916870	43.42	ng	99
71) Anthracene	11.41	178	871575	39.32	ng	100
72) Carbazole	11.57	167	822859	44.22	ng	99
73) Di-n-butylphthalate	11.90	149	1043981	40.88	ng	99
74) Fluoranthene	12.54	202	823877	36.71	ng	99
76) Benzidine	12.67	184	241061	23.47	ng	99
77) Pyrene	12.77	202	832955	34.75	ng	100
79) Butylbenzylphthalate	13.39	149	368357	36.69	ng #	71
80) Benzo(a)anthracene	13.96	228	635683	38.23	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	411483	35.65	ng	99
82) Chrysene	13.99	228	598607	35.74	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	438929	36.51	ng	100
84) Di-n-octyl phthalate	14.56	149	727833	40.72	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	591551	45.73	ng	100
87) Benzo(b)fluoranthene	14.99	252	595286m	43.06	ng	
88) Benzo(k)fluoranthene	15.01	252	450507m	36.15	ng	
89) Benzo(a)pyrene	15.33	252	499581	40.70	ng #	97
90) Dibenzo(a,h)anthracene	16.78	278	498876	43.74	ng	98
91) Benzo(g,h,i)perylene	17.18	276	509620	44.13	ng	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: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

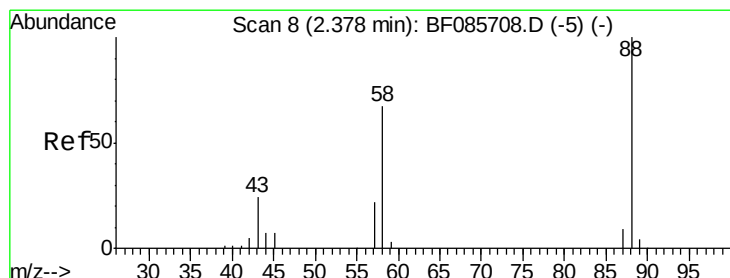
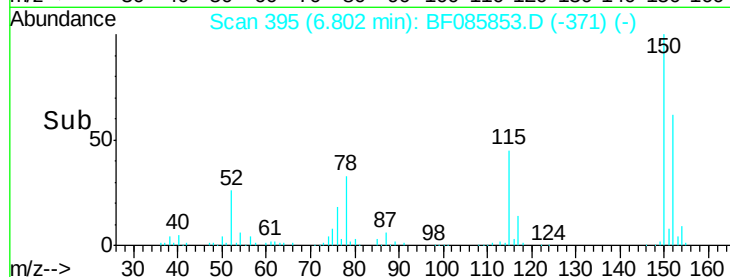
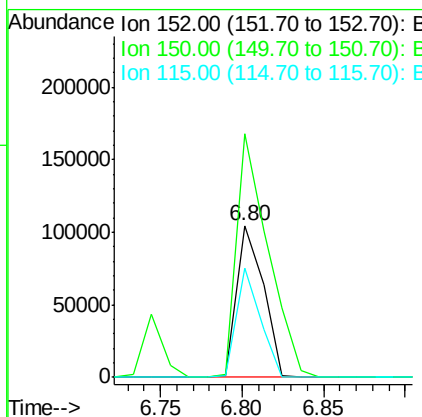
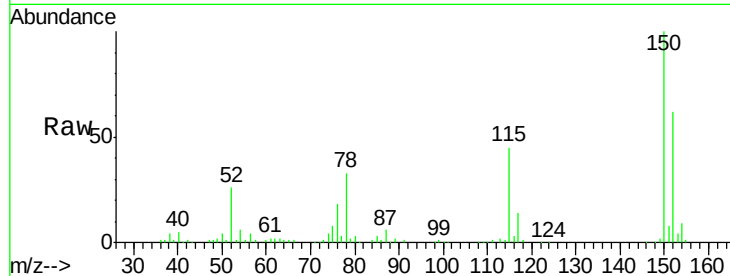
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.2	186.2
115	71.9	47.0	70.6

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#2

1,4-Dioxane

Concen: 42.16 ng

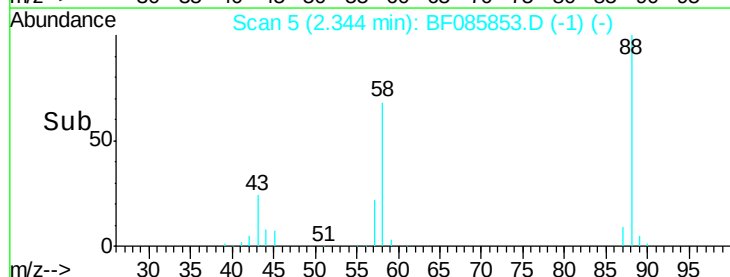
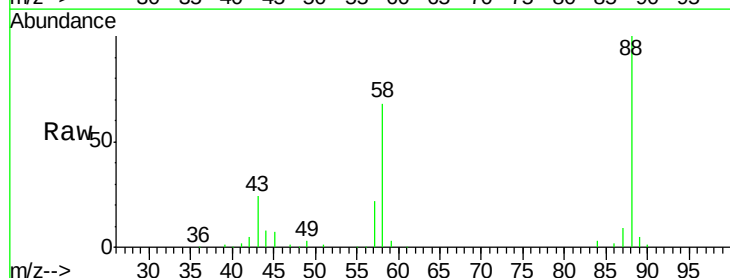
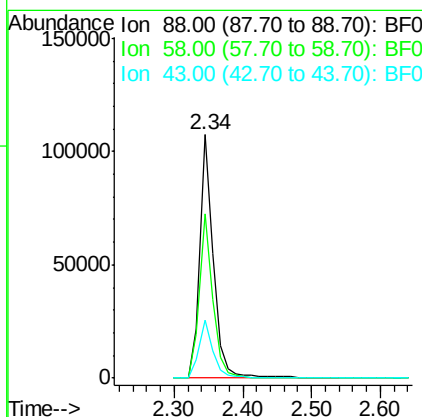
RT: 2.34 min Scan# 5

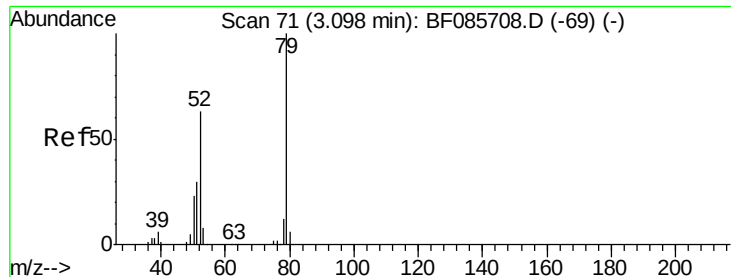
Delta R.T. -0.03 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	54.2	81.2
43	25.8	19.3	28.9





#3

Pyridine

Concen: 42.55 ng

RT: 3.06 min Scan# 68

Delta R.T. -0.03 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

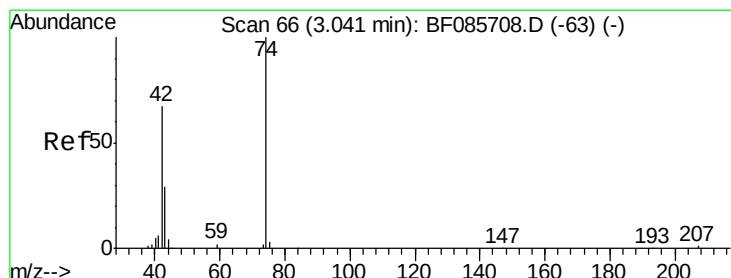
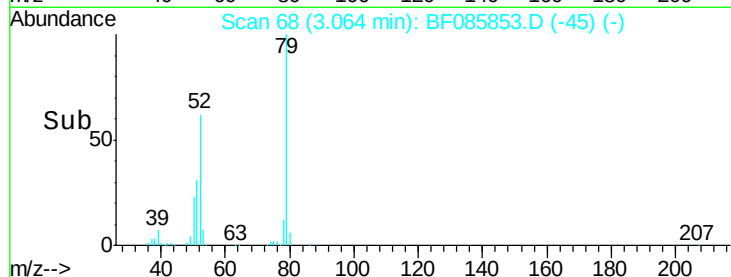
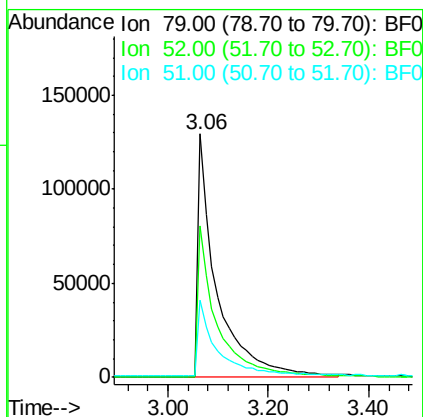
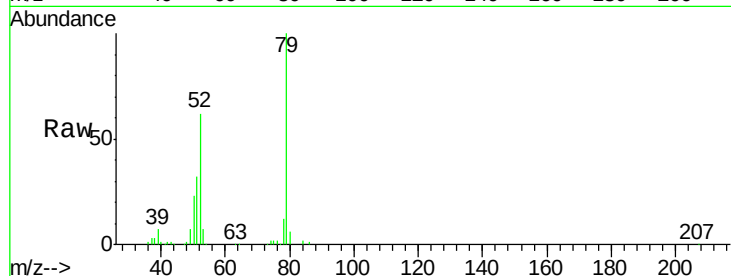
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	342187
Ion	Ratio	Lower	Upper
79	100		
52	62.1	49.8	74.6
51	31.9	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 45.98 ng

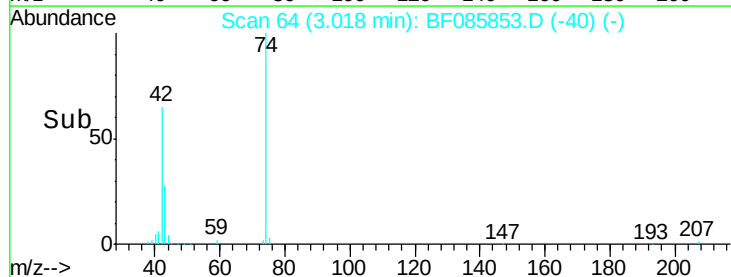
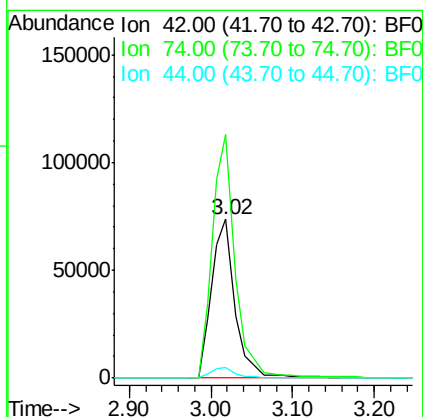
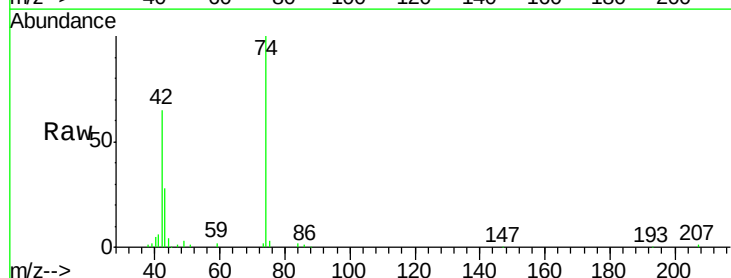
RT: 3.02 min Scan# 64

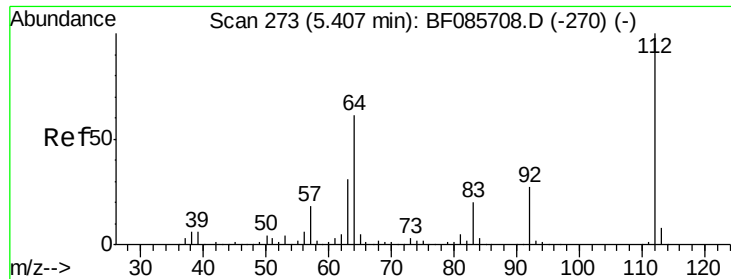
Delta R.T. -0.02 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion:	42	Resp:	148029
Ion	Ratio	Lower	Upper
42	100		
74	153.2	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 83.63 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

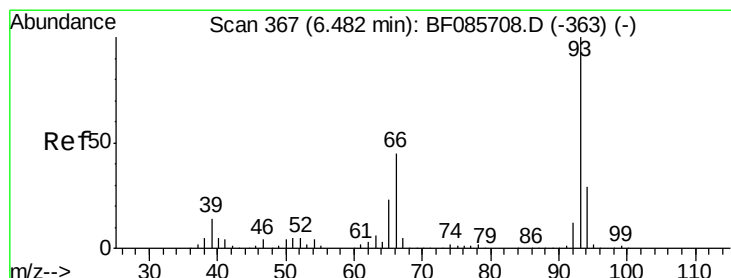
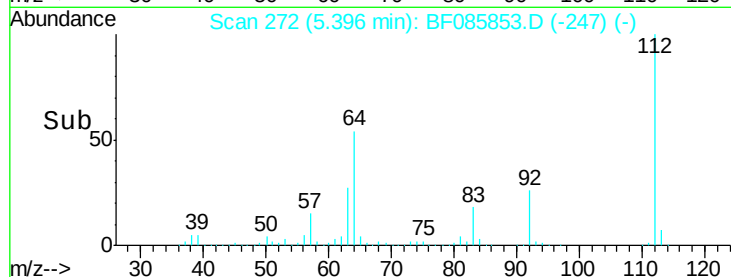
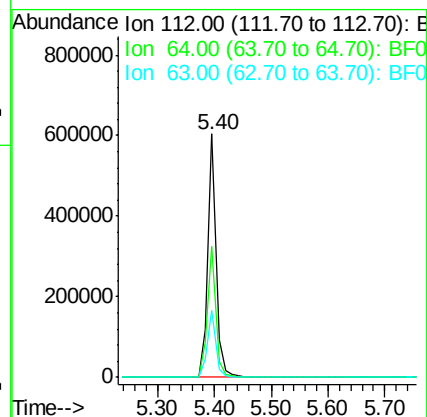
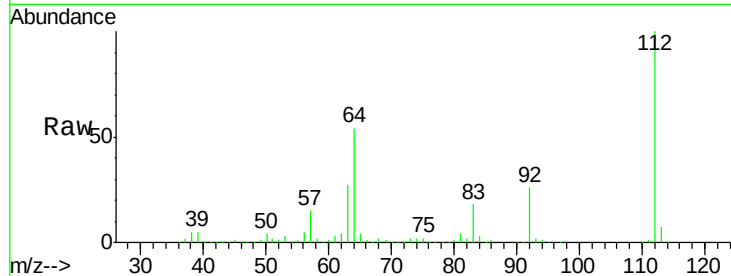
ClientSampleId :

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Tgt Ion:	112	Resp:	587514
Ion Ratio	Lower	Upper	
112	100		
64	53.8	39.9	59.9
63	27.3	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 40.73 ng

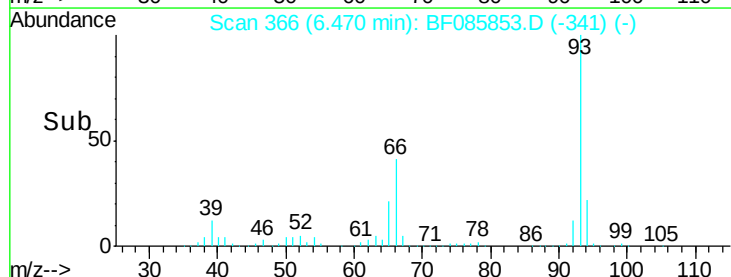
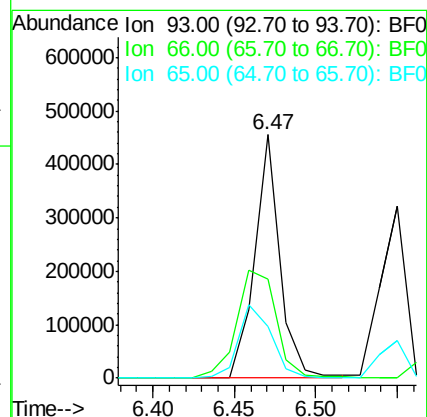
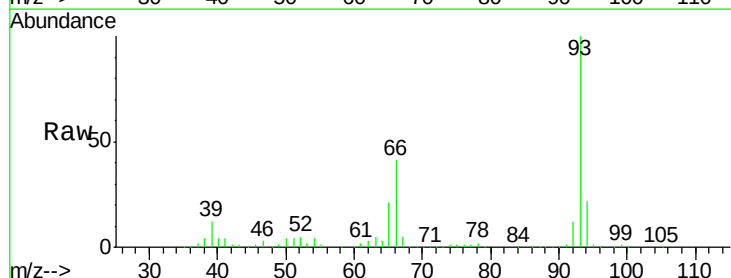
RT: 6.47 min Scan# 366

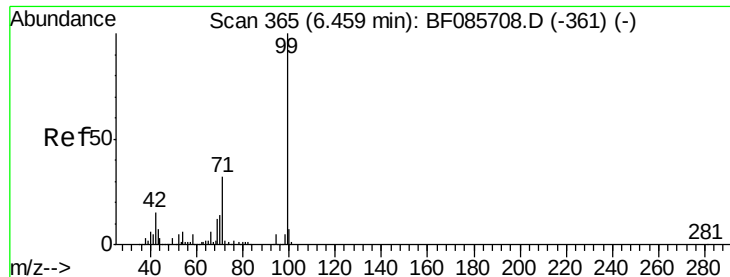
Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion:	93	Resp:	489717
Ion Ratio	Lower	Upper	
93	100		
66	40.7	31.4	47.2
65	21.4	15.7	23.5





#7

Phenol-d6

Concen: 80.20 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

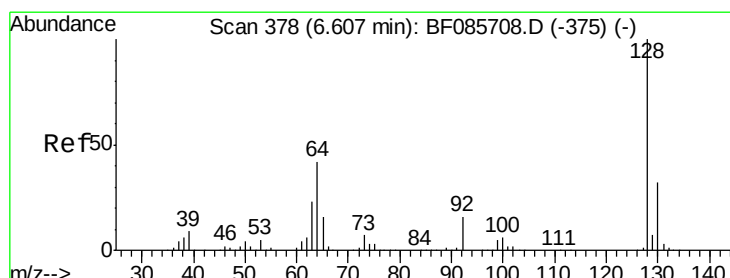
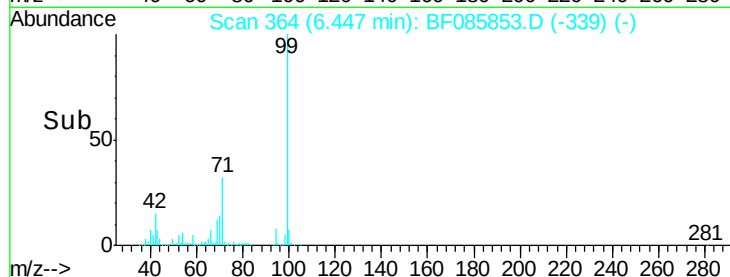
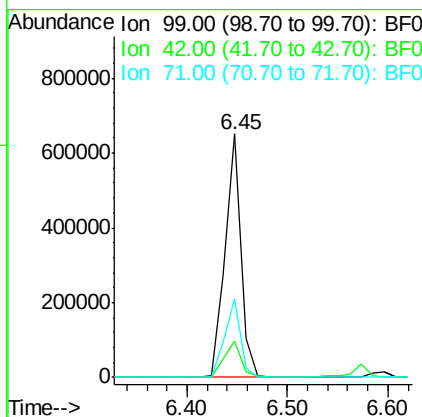
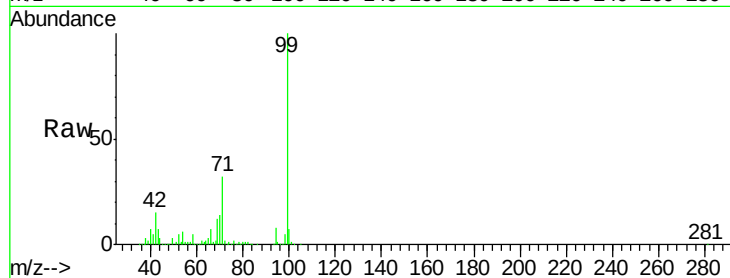
ClientSampleId :

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Tgt Ion:	99	Resp:	716308
Ion Ratio	Lower	Upper	
99	100		
42	14.8	11.1	16.7
71	32.3	24.9	37.3

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#8

2-Chlorophenol

Concen: 42.80 ng

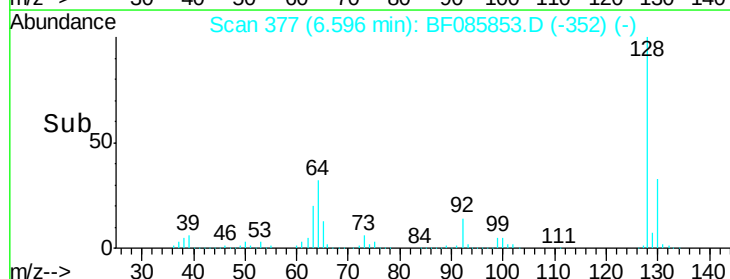
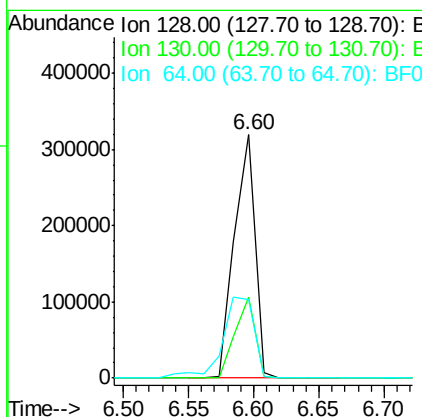
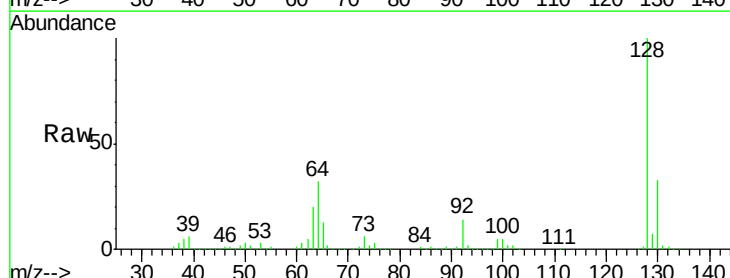
RT: 6.60 min Scan# 377

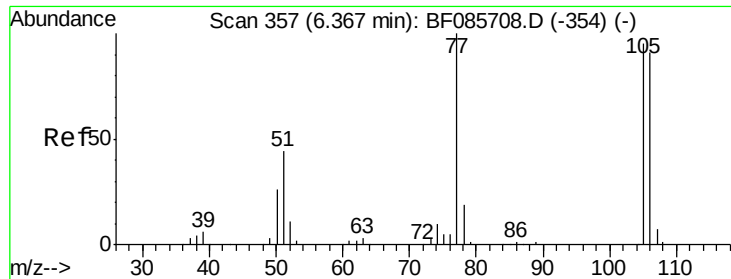
Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion:	128	Resp:	349361
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	32.3	20.2	60.2





#9

Benzaldehyde

Concen: 39.03 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

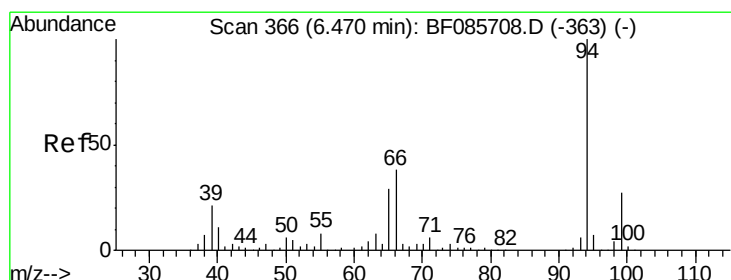
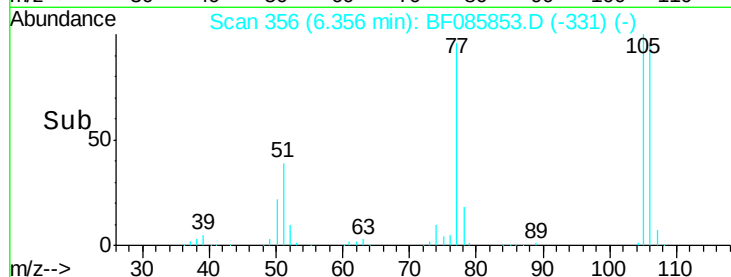
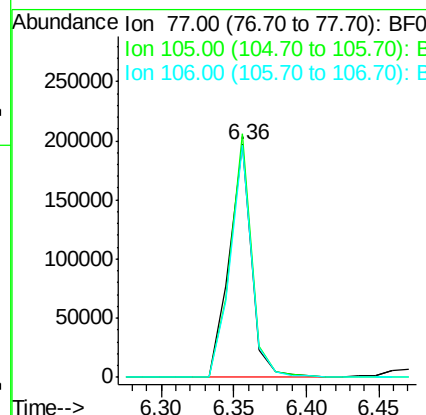
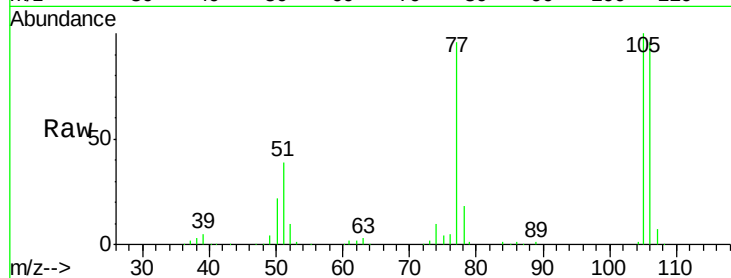
ClientSampleId :

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Tgt Ion:	77	Resp:	210057
Ion Ratio	Lower	Upper	
77	100		
105	104.5	80.1	120.1
106	99.8	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 40.20 ng

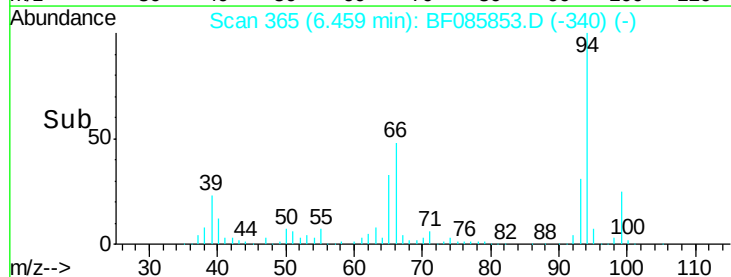
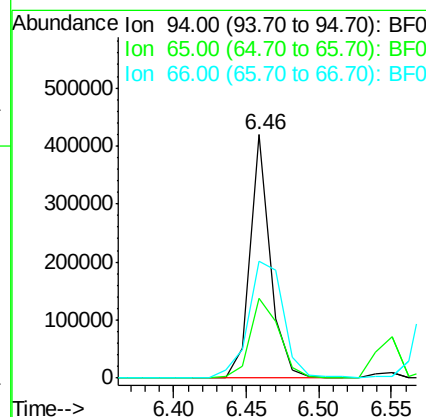
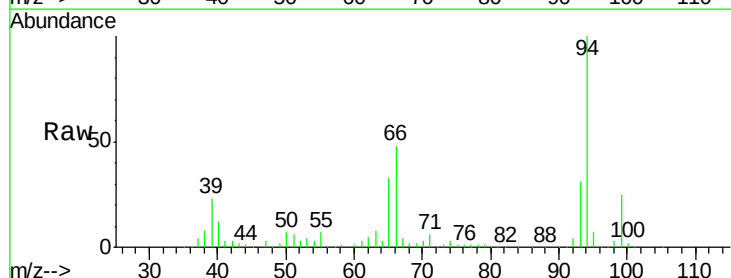
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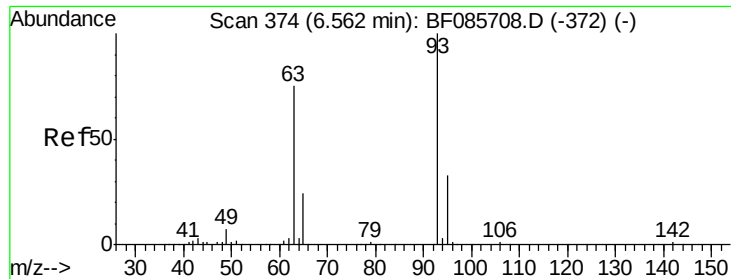
Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion:	94	Resp:	406819
Ion Ratio	Lower	Upper	
94	100		
65	32.7	8.6	48.6
66	48.1	20.0	60.0





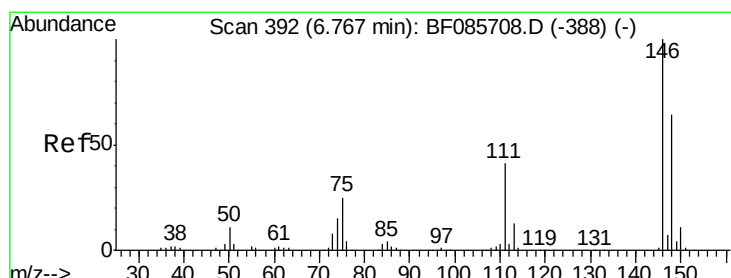
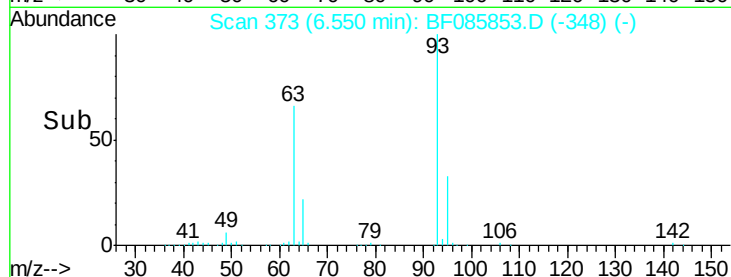
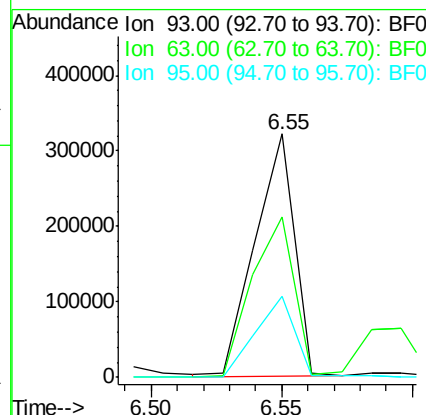
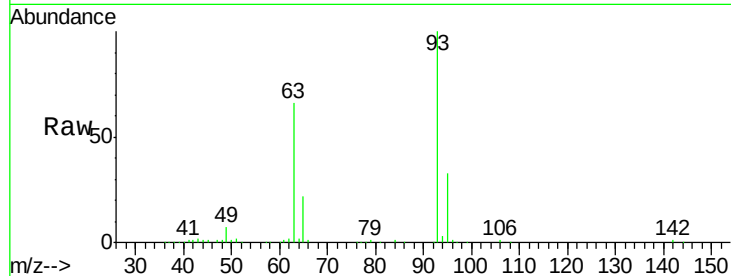
#11
bis(2-Chloroethyl)ether
Concen: 43.69 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	340245
Ion	Ratio	Lower	Upper
93	100		
63	66.1	50.9	90.9
95	33.4	13.3	53.3

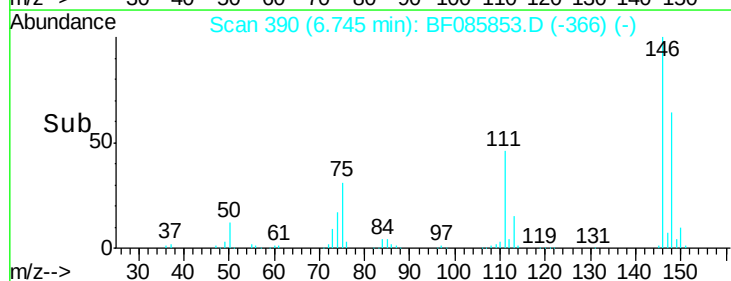
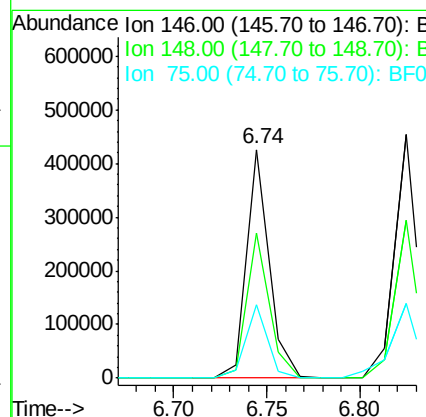
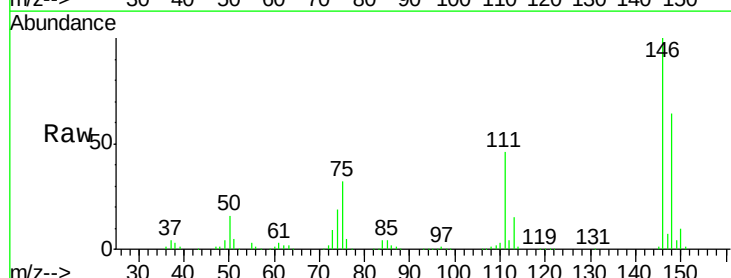
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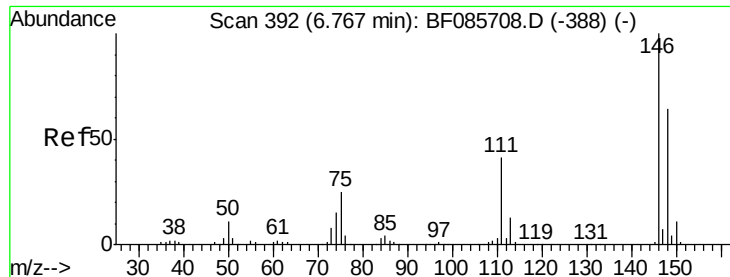
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#12
1,3-Dichlorobenzene
Concen: 41.12 ng
RT: 6.74 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion:	146	Resp:	361420
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
75	32.3	17.4	26.2





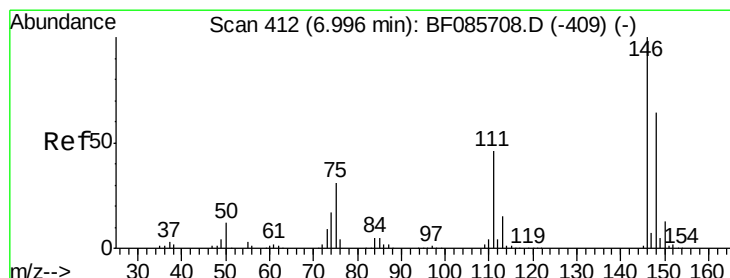
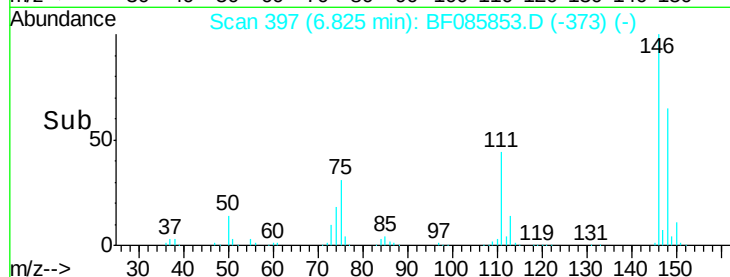
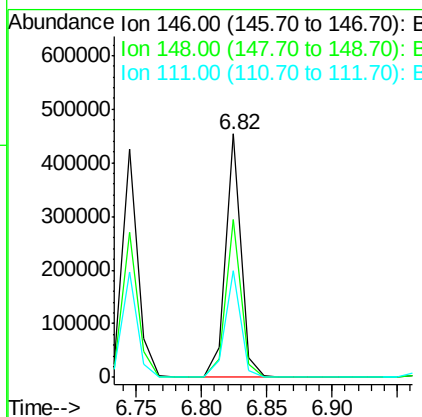
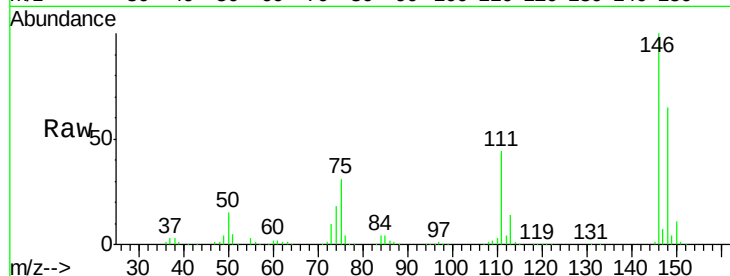
#13
 1,4-Dichlorobenzene
 Concen: 42.42 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.02 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	378096		
148	64.6	50.6	76.0	
111	43.6	37.8	56.6	

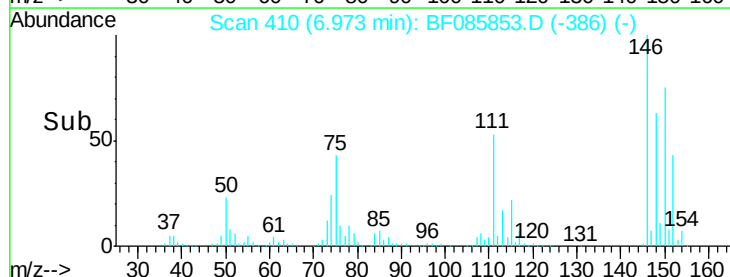
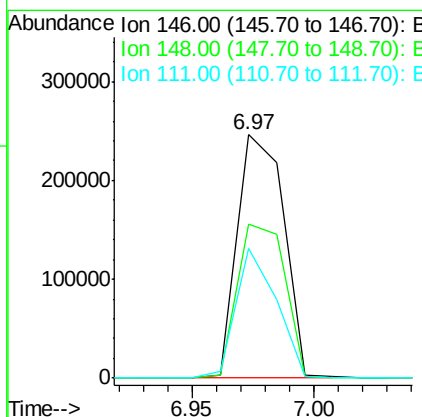
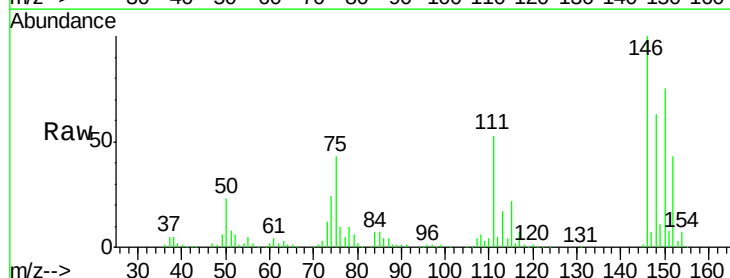
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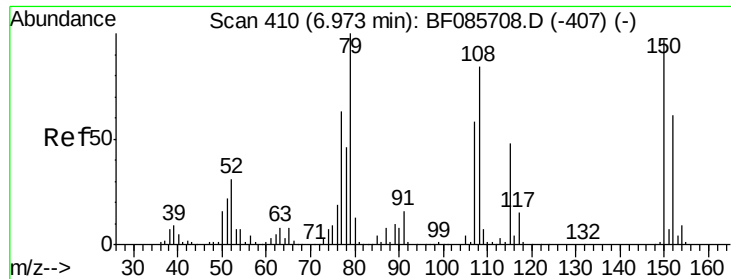
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#14
 1,2-Dichlorobenzene
 Concen: 39.01 ng m
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	324096		
148	63.4	51.4	77.2	
111	53.0	34.6	52.0	





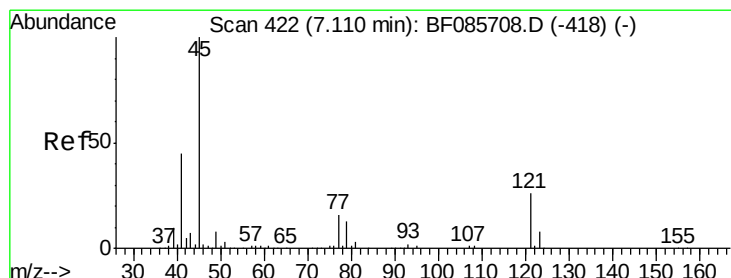
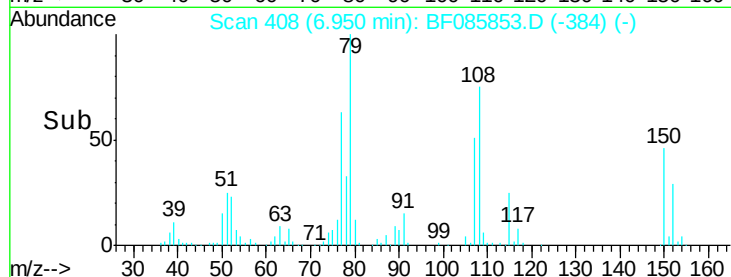
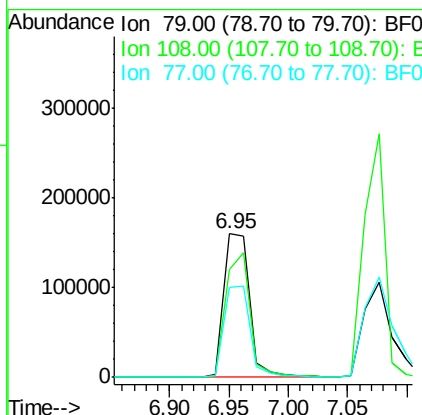
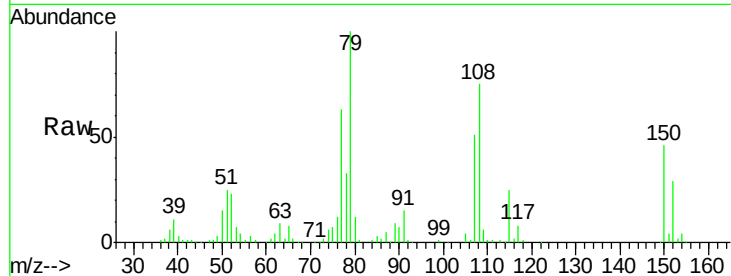
#15
Benzyl Alcohol
Concen: 40.54 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	74.9	61.8	92.6
77	63.0	49.6	74.4

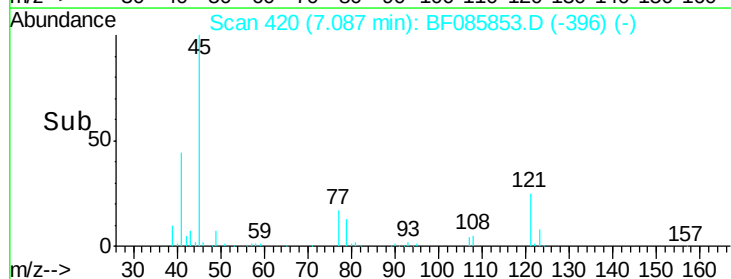
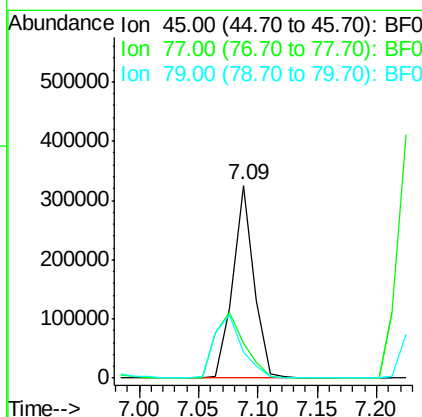
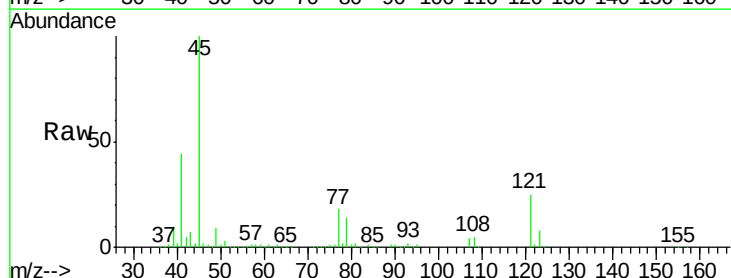
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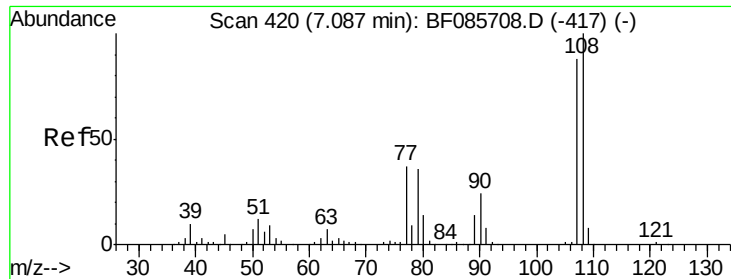
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.90 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	35.7
79	13.6	0.0	32.2





#17

2-Methylphenol

Concen: 43.70 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085853.D

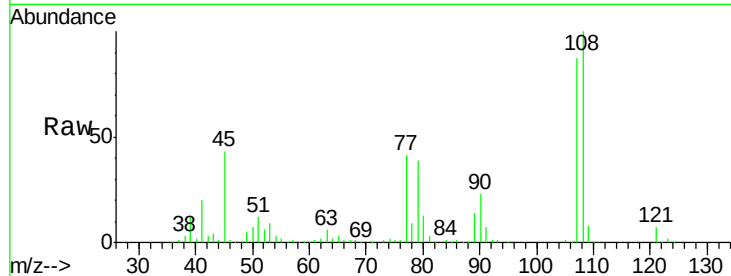
Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 285542

Ion Ratio Lower Upper

107 100

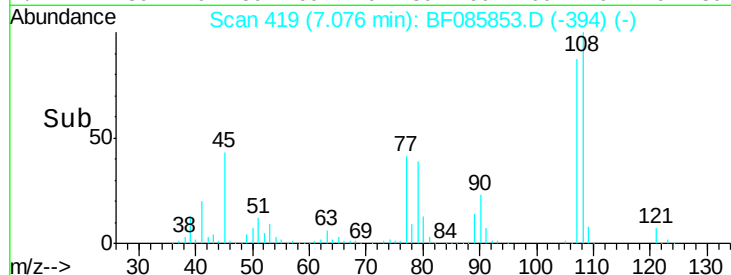
108 114.5 91.4 137.0

77 47.1 36.2 54.2

79 44.6 35.8 53.8

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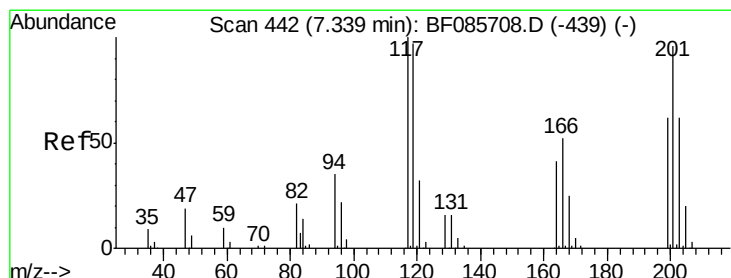
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 40.63 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

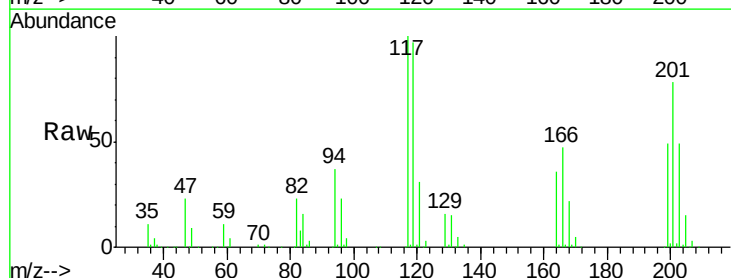
Tgt Ion:117 Resp: 132615

Ion Ratio Lower Upper

117 100

119 97.0 76.7 115.1

201 77.6 83.3 124.9#

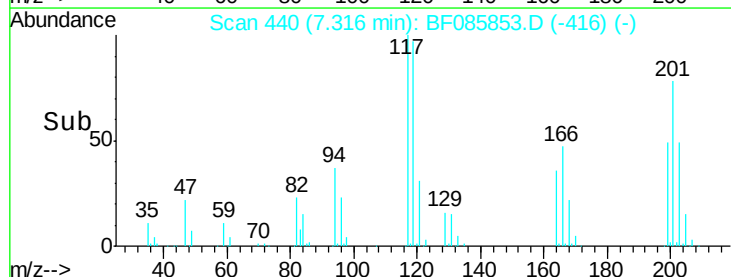


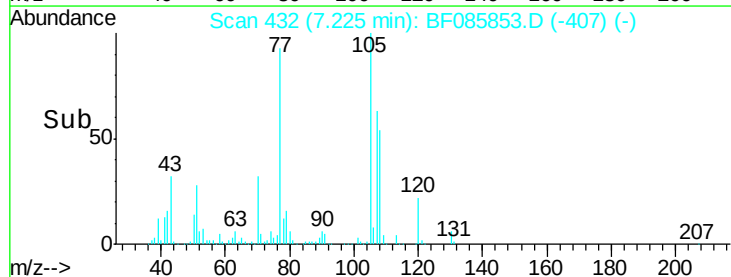
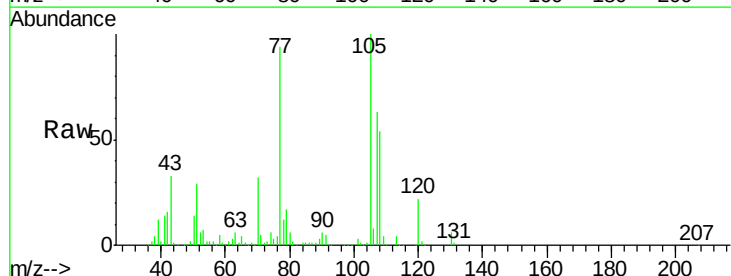
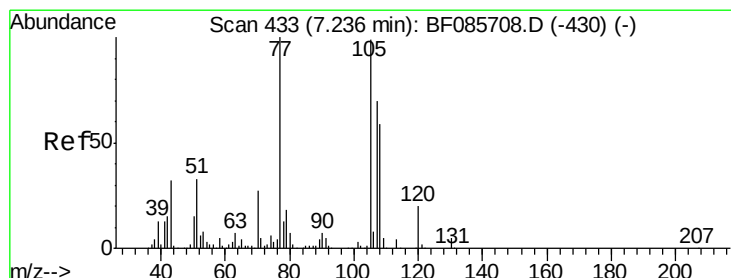
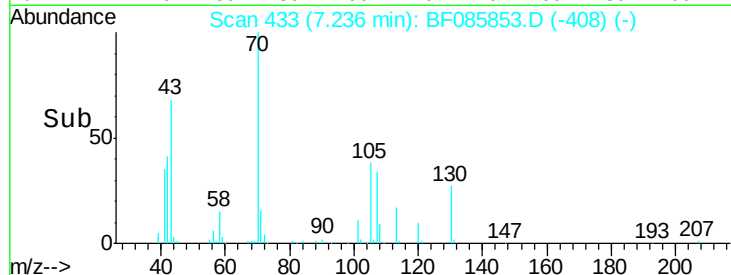
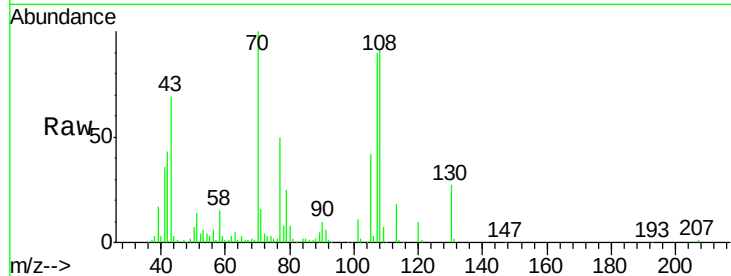
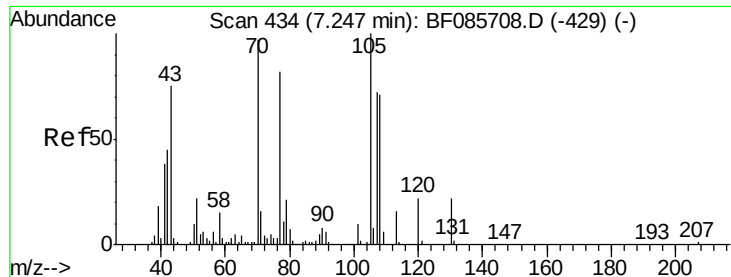
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

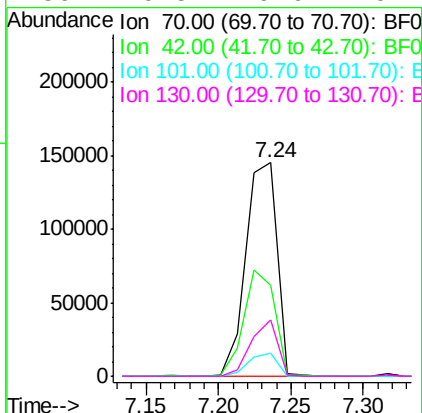




#19
n-Nitroso-di-n-propylamine
Concen: 40.60 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.5	37.1	55.7	
101	10.9	8.6	12.8	
130	26.5	19.6	29.4	

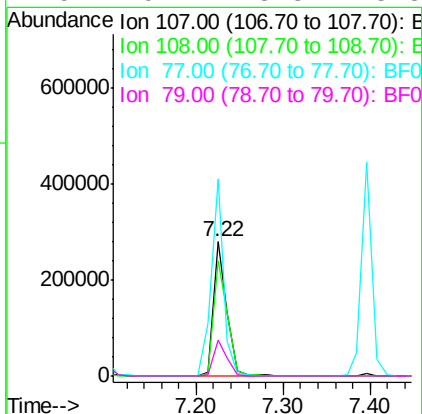


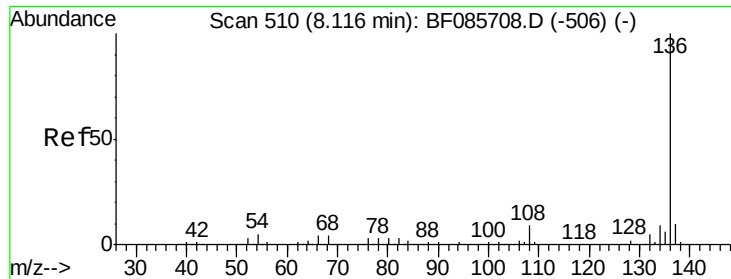
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#20
3+4-Methylphenols
Concen: 38.32 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	69.3	109.3	
77	147.4	101.7	141.7#	
79	26.7	8.3	48.3	





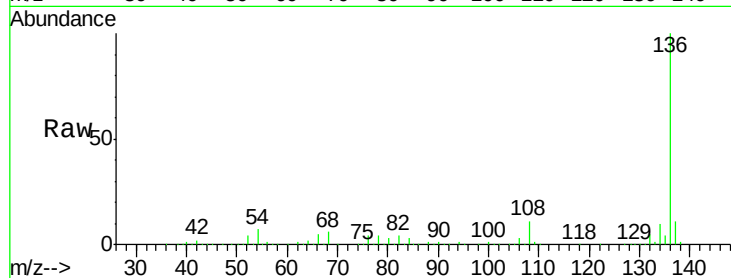
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

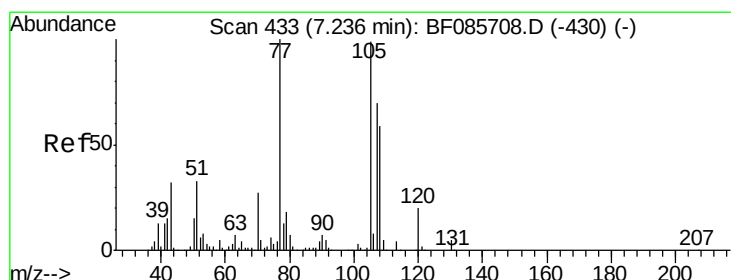
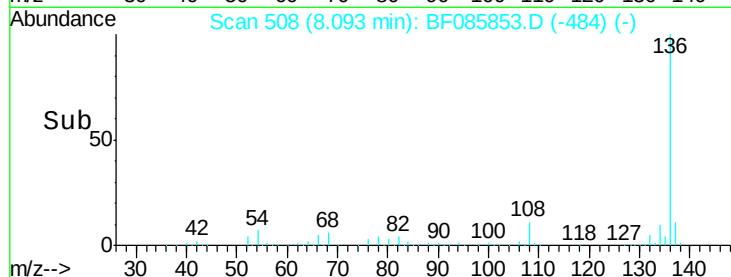
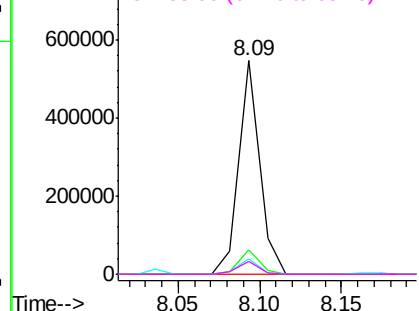
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	479150		
137	11.1	9.1	13.7	
54	7.5	7.4	11.0	
68	6.0	5.8	8.8	

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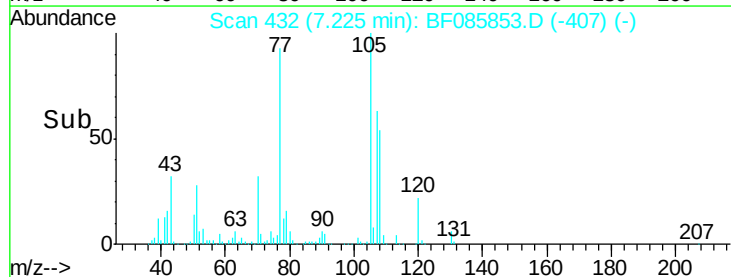
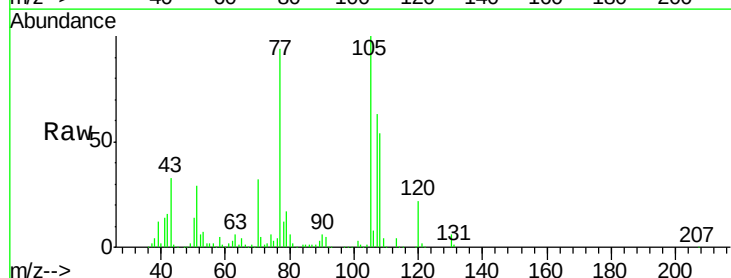
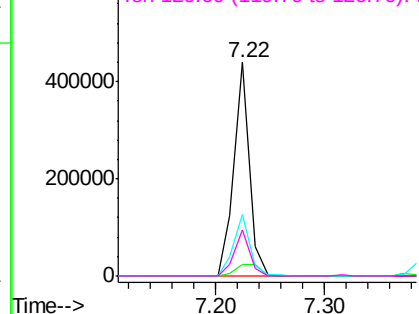
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

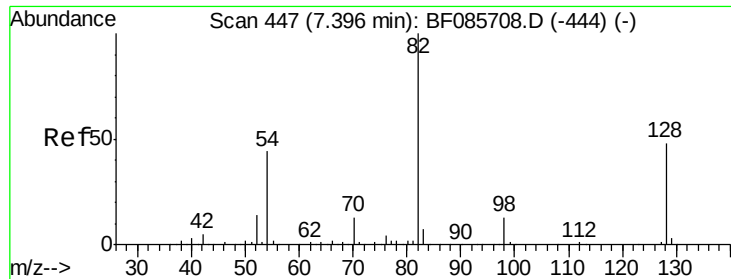


#22
Acetophenone
Concen: 38.88 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	433956		
71	5.3	3.6	5.4	
51	28.8	25.4	38.0	
120	21.7	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.19 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

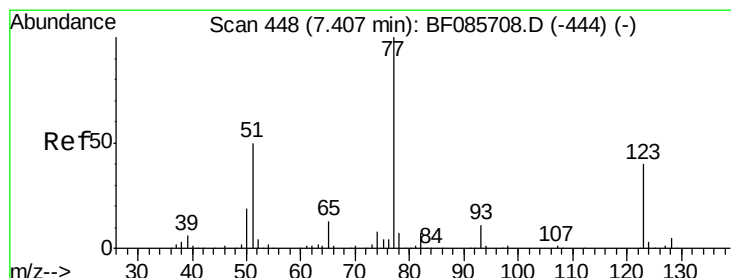
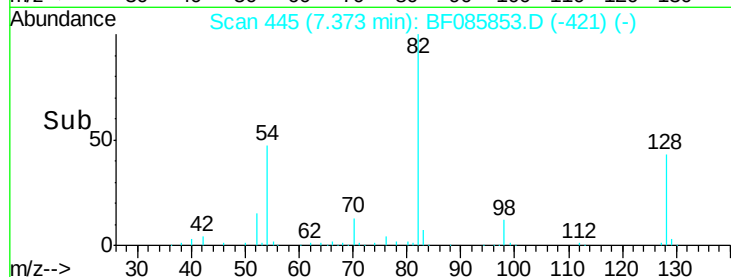
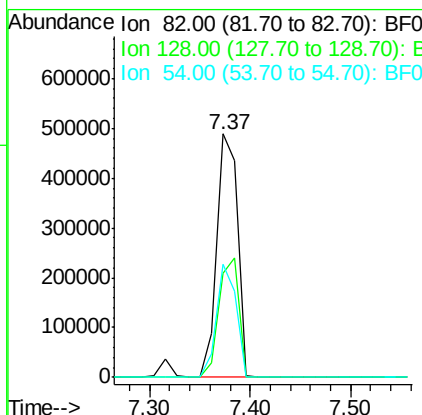
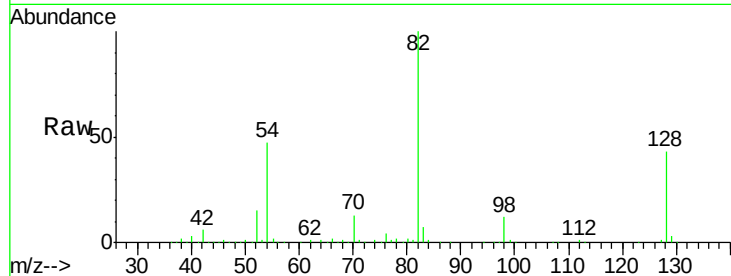
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	699349
Ion Ratio	Lower	Upper	
82	100		
128	42.7	41.8	62.8
54	46.6	33.4	50.0

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#24

Nitrobenzene

Concen: 41.93 ng

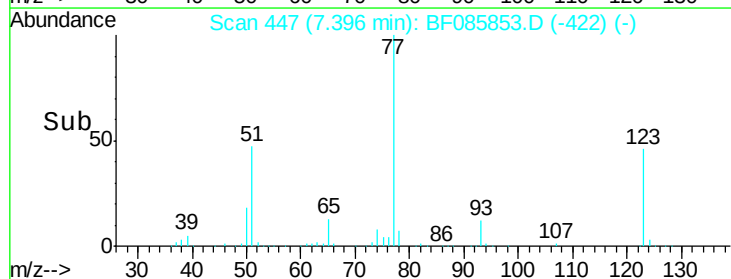
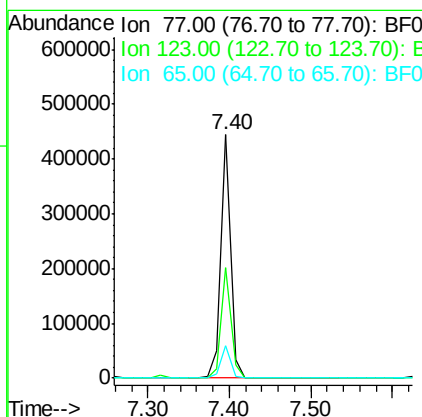
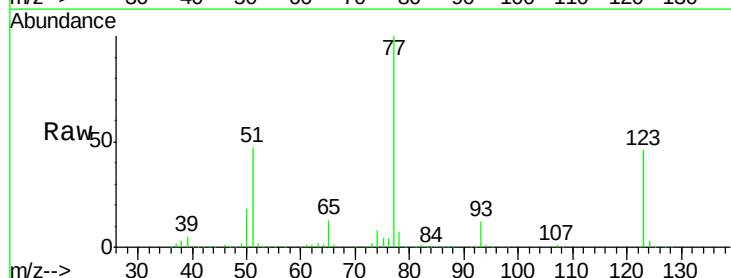
RT: 7.40 min Scan# 447

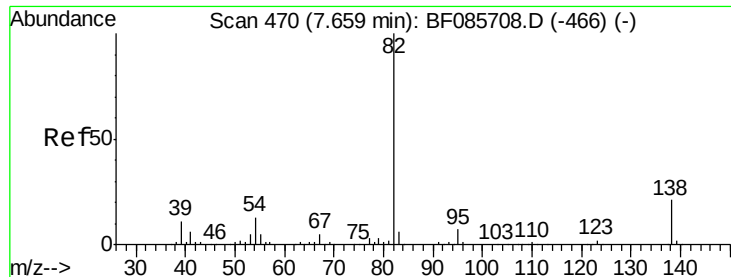
Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion:	77	Resp:	367789
Ion Ratio	Lower	Upper	
77	100		
123	45.6	35.0	52.4
65	13.2	10.6	16.0





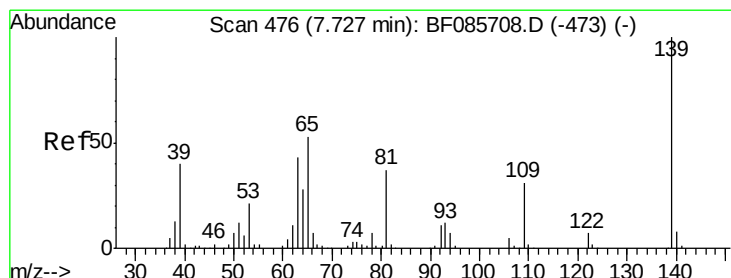
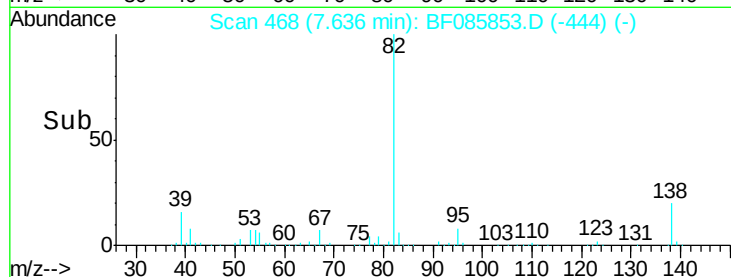
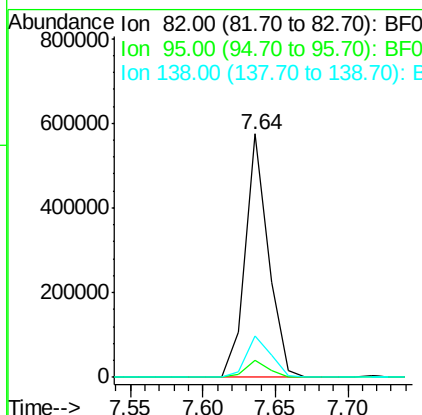
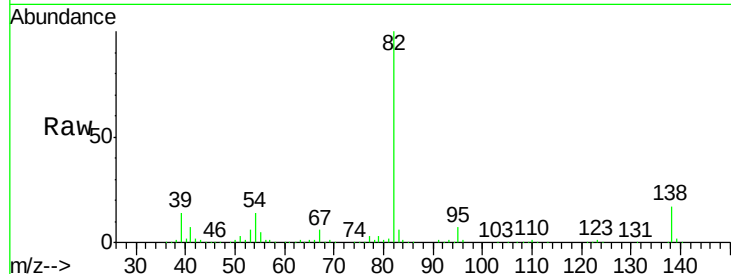
#25
Isophorone
Concen: 38.82 ng
RT: 7.64 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	636278		
95	7.1	5.4	8.2	
138	16.9	12.9	19.3	

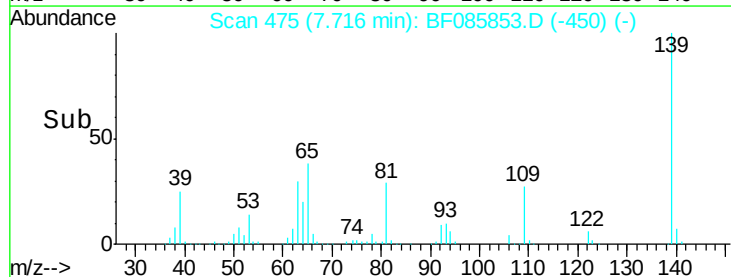
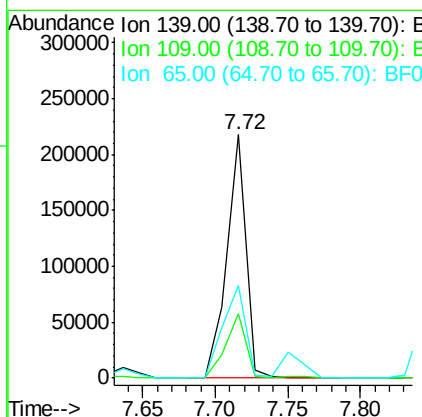
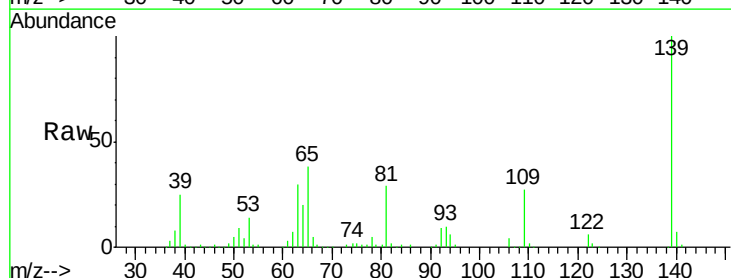
Manual Integrations
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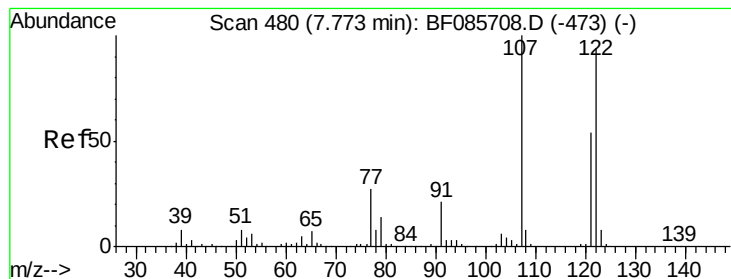
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#26
2-Nitrophenol
Concen: 45.50 ng
RT: 7.72 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	199635		
109	26.7	22.1	33.1	
65	37.8	33.9	50.9	





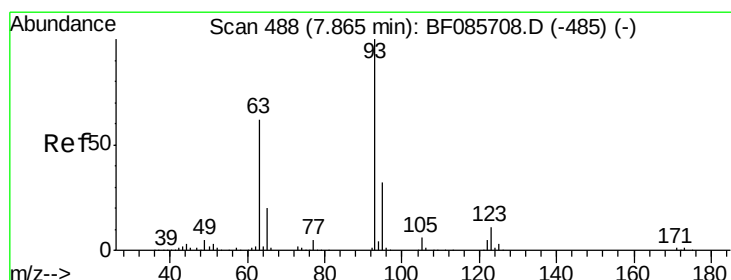
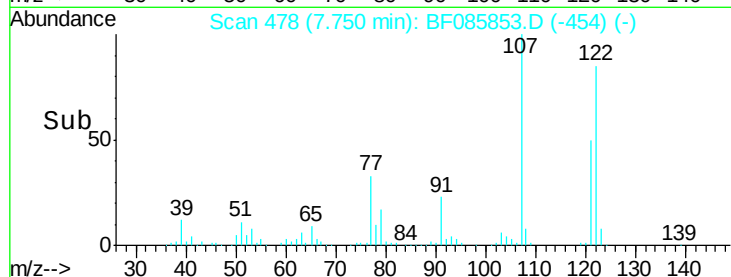
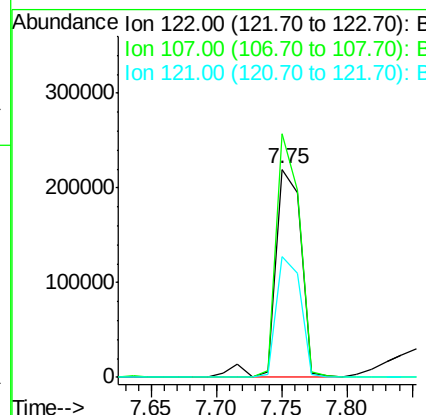
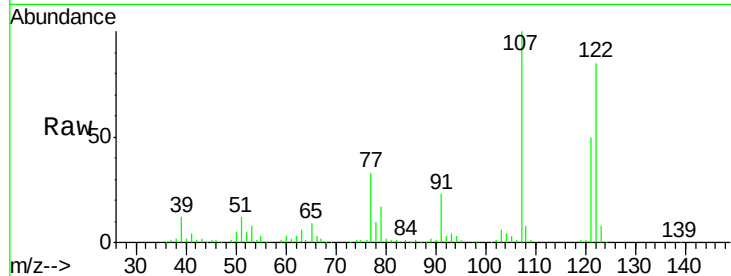
#27
2,4-Dimethylphenol
Concen: 39.87 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	305787		
107	117.1	93.0	139.6	
121	58.2	45.9	68.9	

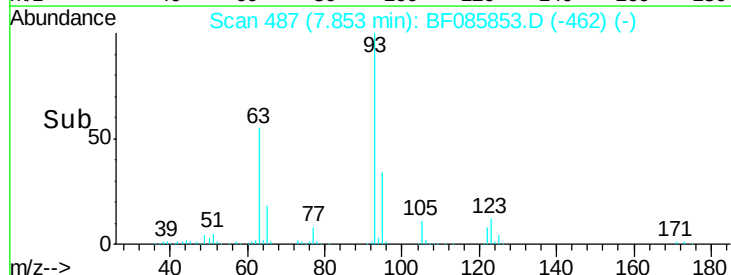
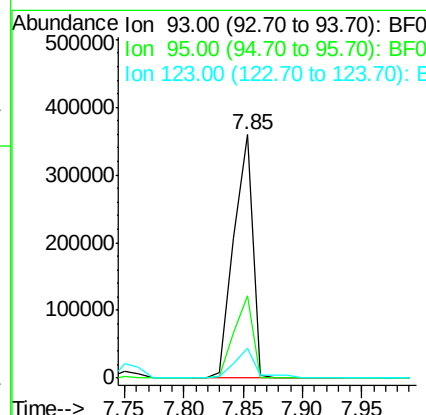
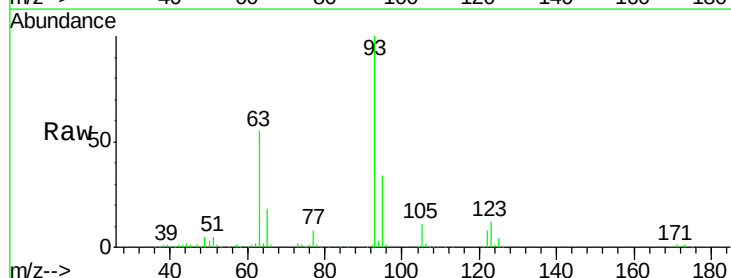
Manual Integrations
APPROVED

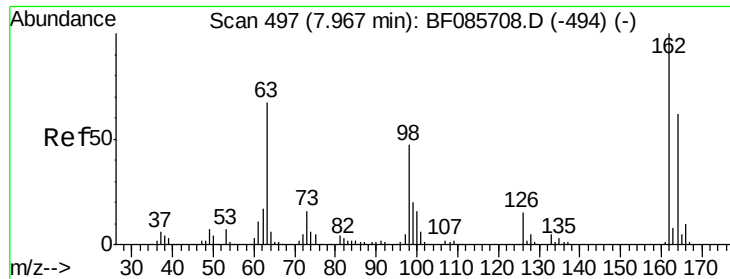
Sohil
3/30/2016 7:04:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.56 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	397484		
95	33.6	26.4	39.6	
123	12.5	9.8	14.6	





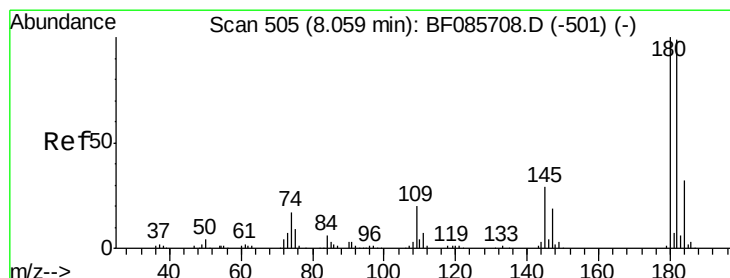
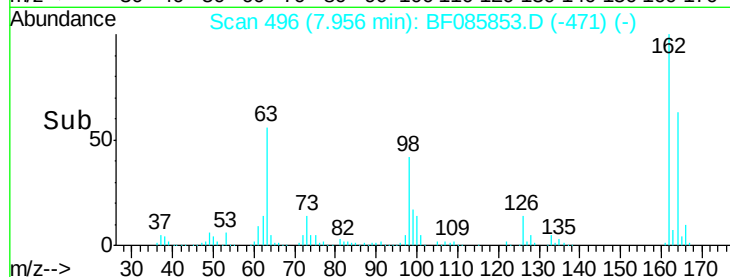
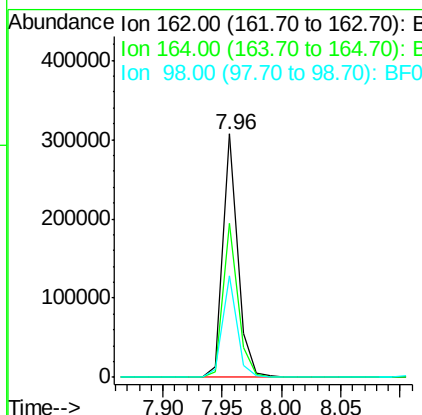
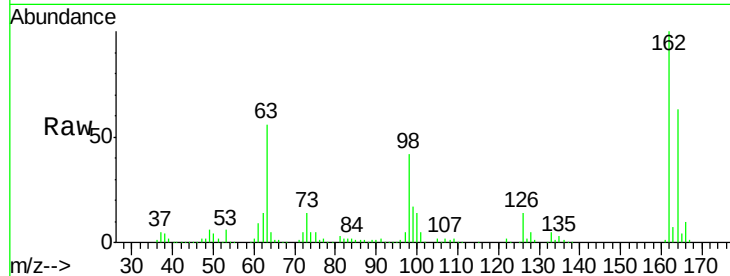
#29
 2,4-Dichlorophenol
 Concen: 40.93 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	263910		
164	63.1	43.7	83.7	
98	41.9	20.4	60.4	

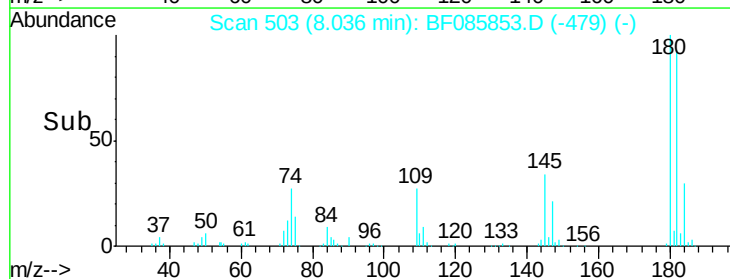
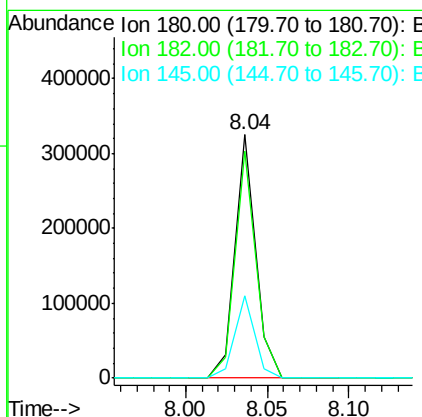
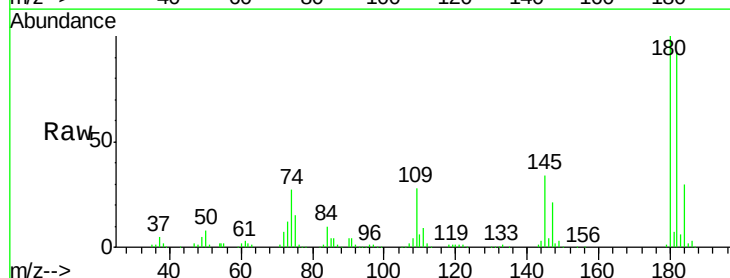
Manual Integrations
 APPROVED

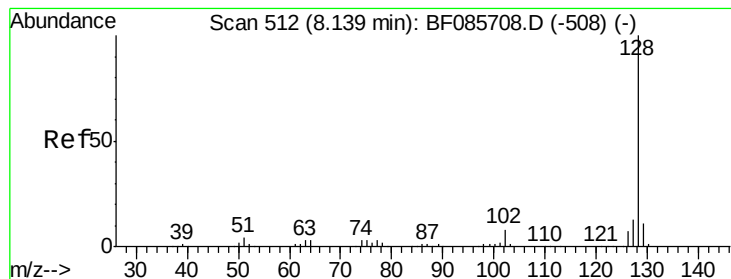
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.69 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	284076		
182	93.4	73.8	110.8	
145	34.0	28.4	42.6	





#31

Naphthalene

Concen: 38.30 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

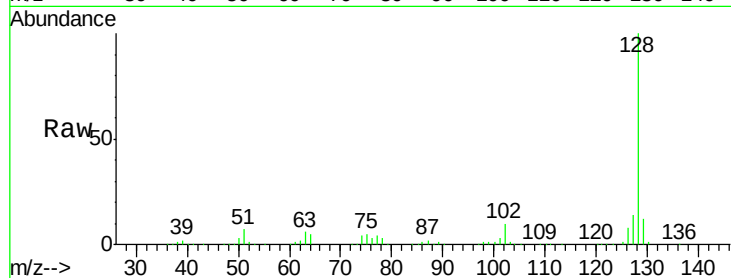
ClientSampled :

SSTDCCC040

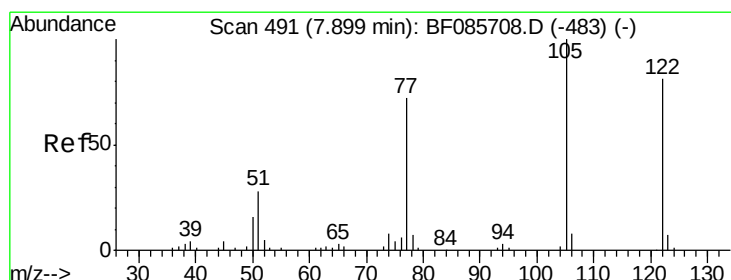
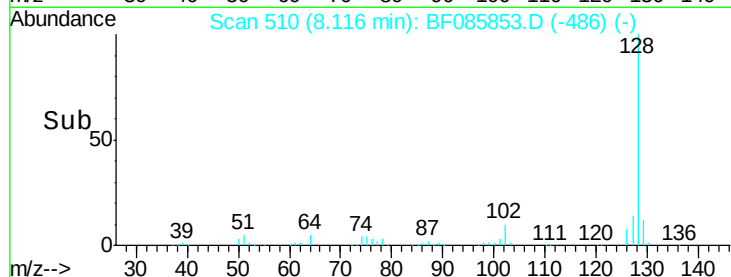
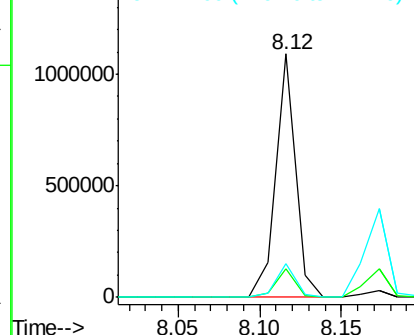
Tgt Ion:	128	Resp:	924799
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.0
127	13.8	11.0	16.6

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.45 ng

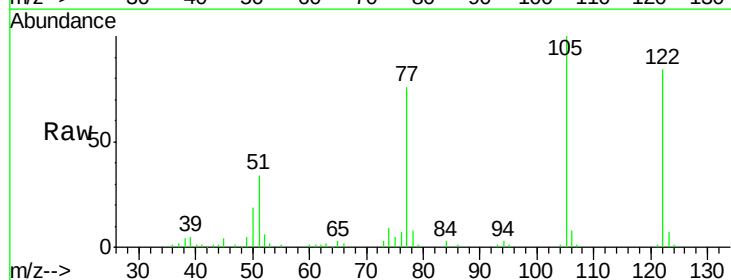
RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

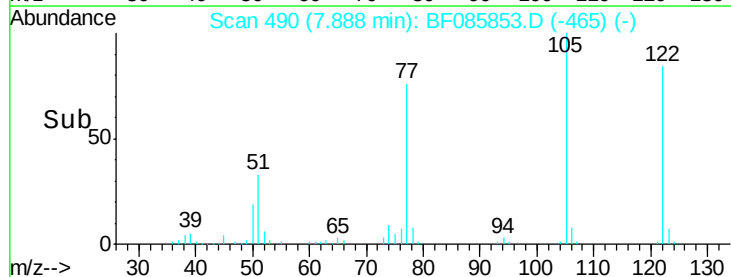
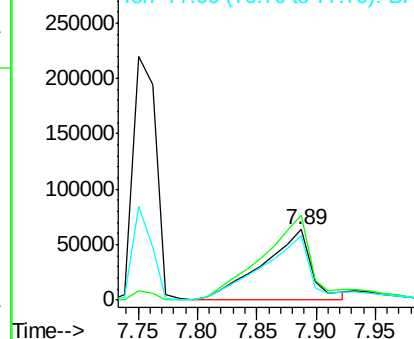
Lab File: BF085853.D

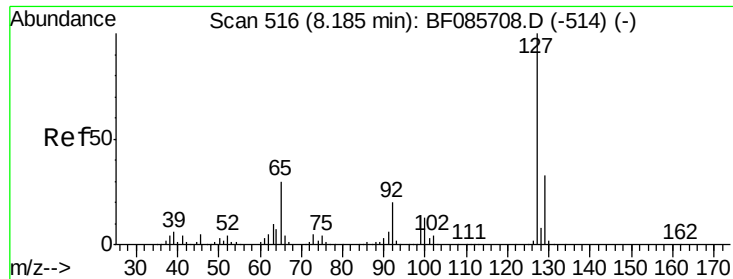
Acq: 29 Mar 2016 17:16

Tgt Ion:	122	Resp:	175489
Ion Ratio	Lower	Upper	
122	100		
105	119.6	102.9	142.9
77	90.6	71.8	111.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





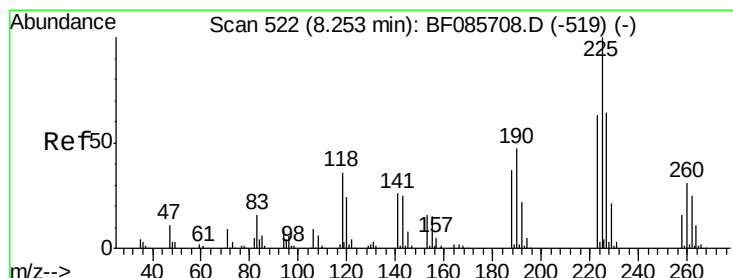
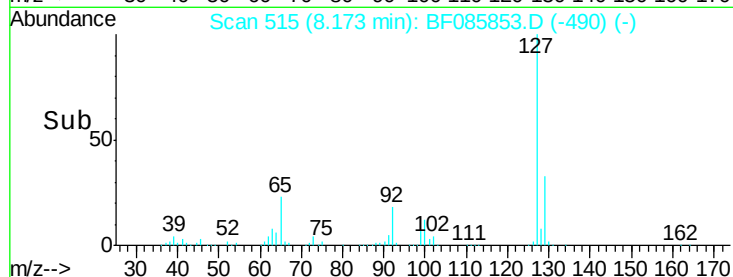
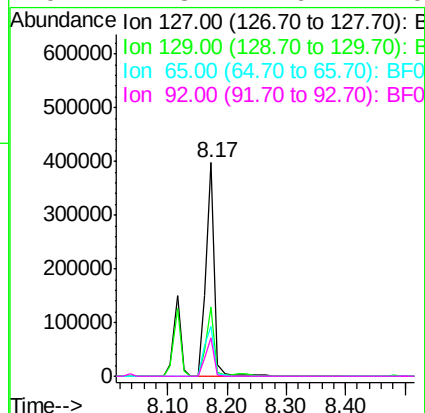
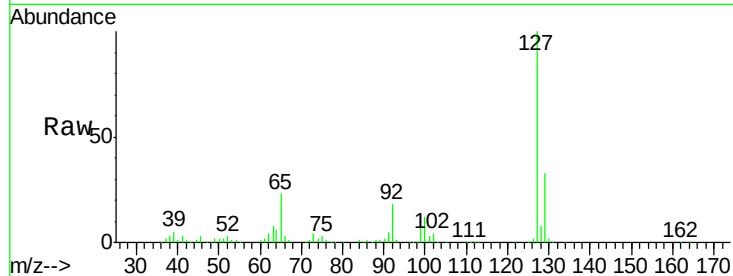
#33
4-Chloroaniline
Concen: 41.19 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	406040		
129	32.6	26.1	39.1	
65	23.4	19.5	29.3	
92	17.8	14.6	22.0	

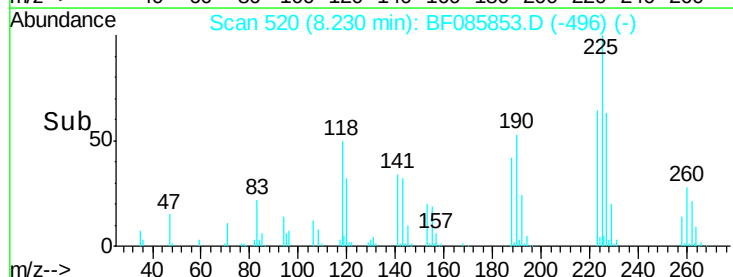
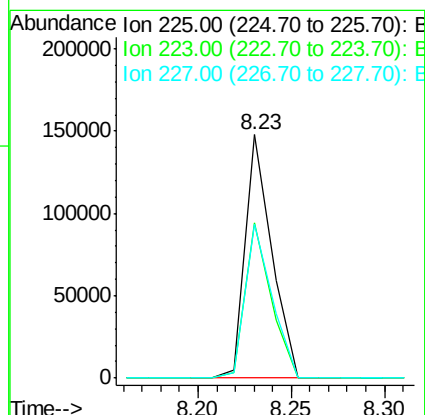
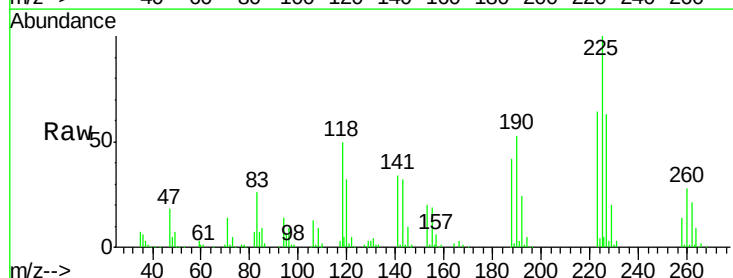
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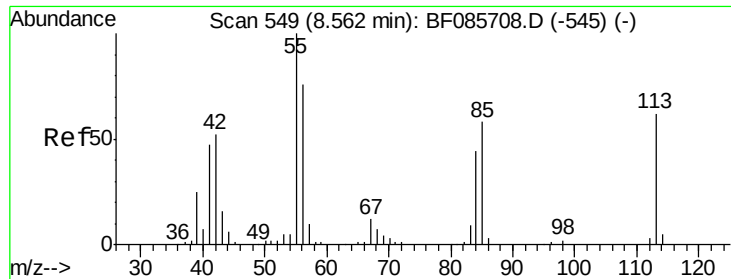
Sohil
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#34
Hexachlorobutadiene
Concen: 37.43 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145631		
223	63.7	50.4	75.6	
227	63.2	51.4	77.2	





#35

Caprolactam

Concen: 37.07 ng

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

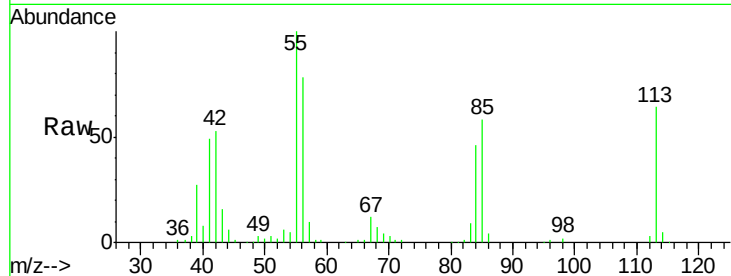
ClientSampleId :

SSTDCCC040

Tgt Ion:	113	Resp:	84659
Ion Ratio	Lower	Upper	
113	100		
55	157.4	139.4	179.4
56	122.3	100.4	140.4

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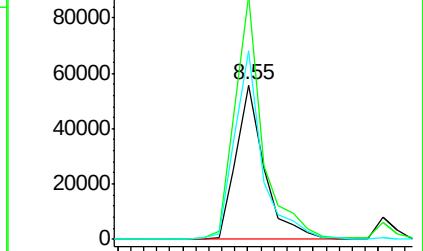
Sohil
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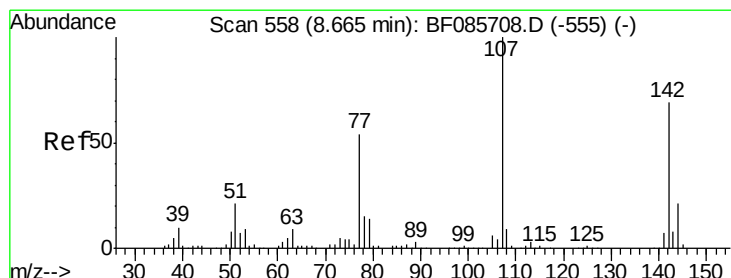
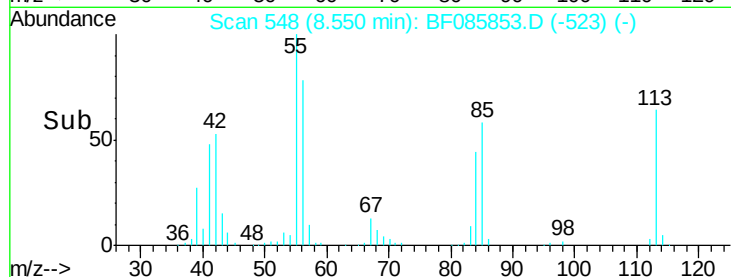
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 37.99 ng

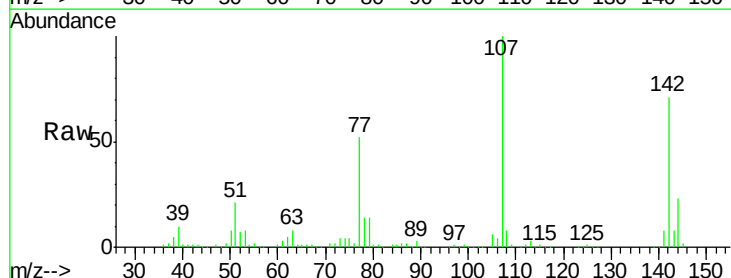
RT: 8.65 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

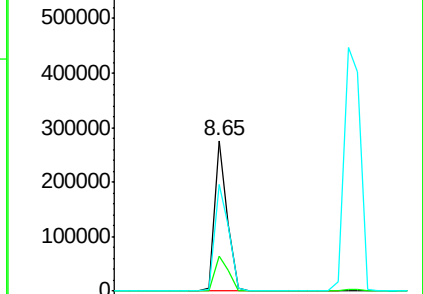
Tgt Ion:	107	Resp:	286138
Ion Ratio	Lower	Upper	
107	100		
144	23.0	19.3	28.9
142	71.2	61.4	92.0



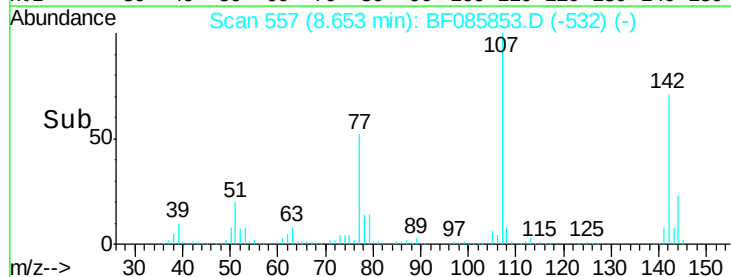
Abundance Ion 107.00 (106.70 to 107.70): E

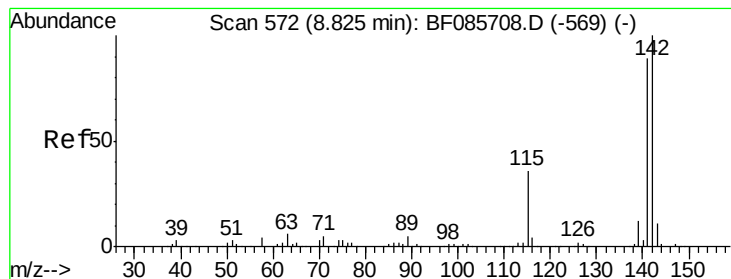
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 41.65 ng

RT: 8.80 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF085853.D

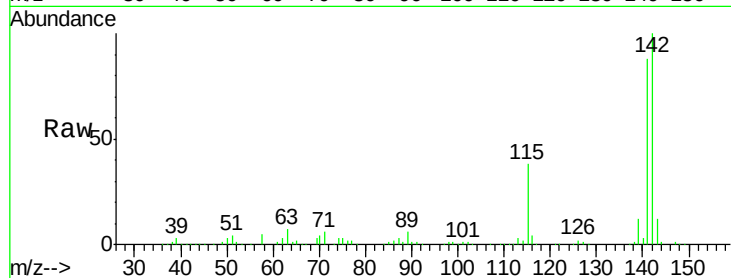
Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

ClientSampleId :

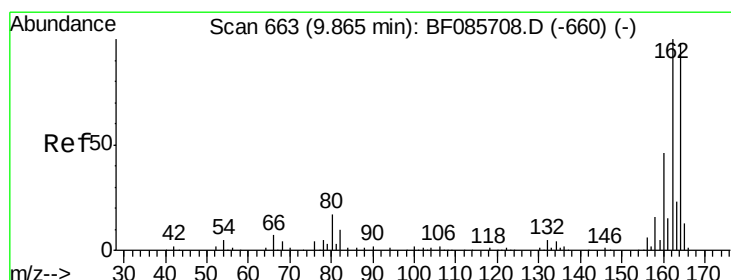
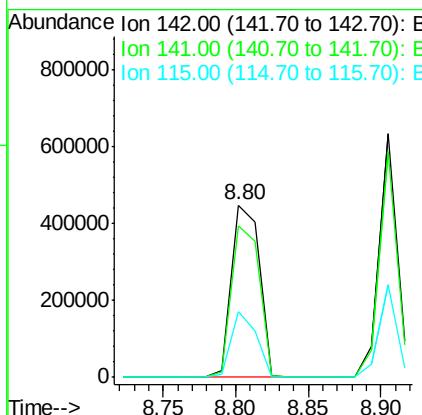
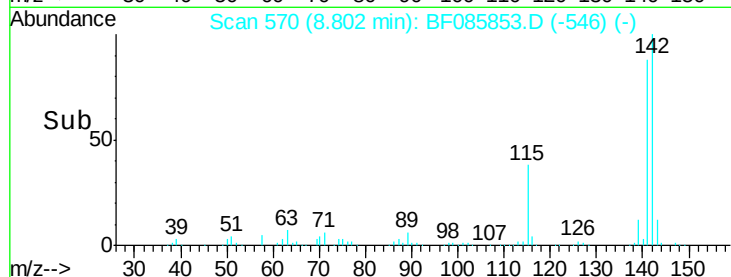
SSTDCCC040



Tgt Ion:	142	Resp:	596959
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.6	107.4
115	38.3	26.8	40.2

Manual Integrations
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#38

Acenaphthene-d10

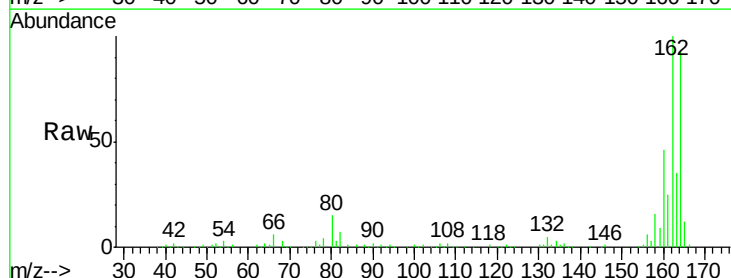
Concen: 20.00 ng

RT: 9.85 min Scan# 662

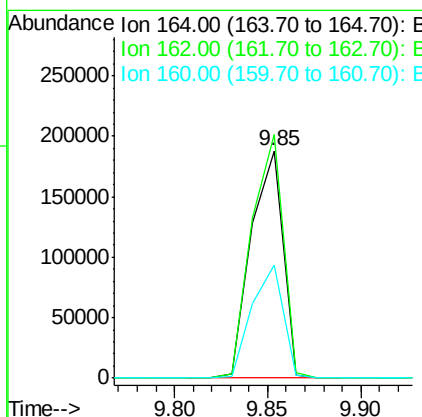
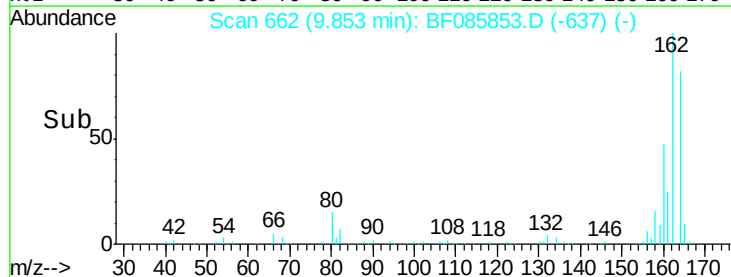
Delta R.T. -0.01 min

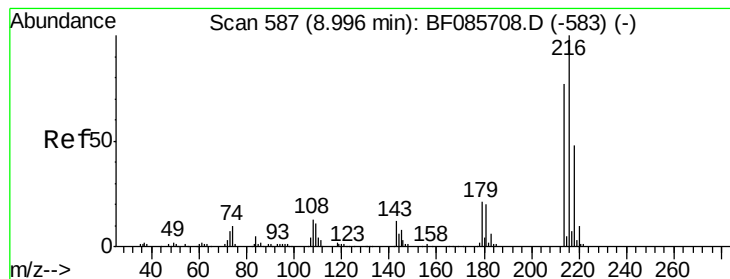
Lab File: BF085853.D

Acq: 29 Mar 2016 17:16



Tgt Ion:	164	Resp:	221264
Ion Ratio	Lower	Upper	
164	100		
162	107.2	82.1	123.1
160	49.6	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.00 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF085853.D

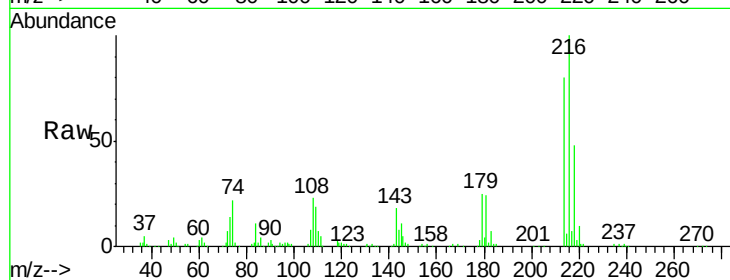
Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

ClientSampleId :

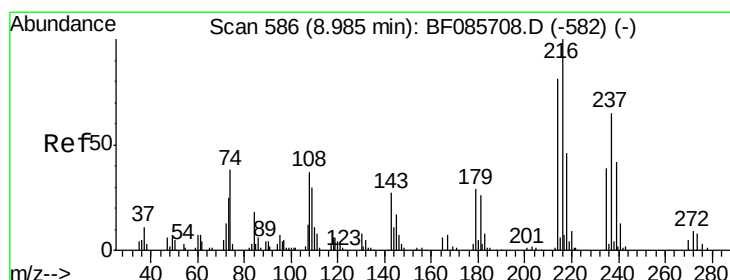
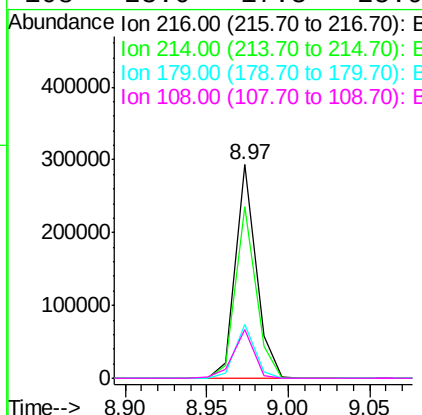
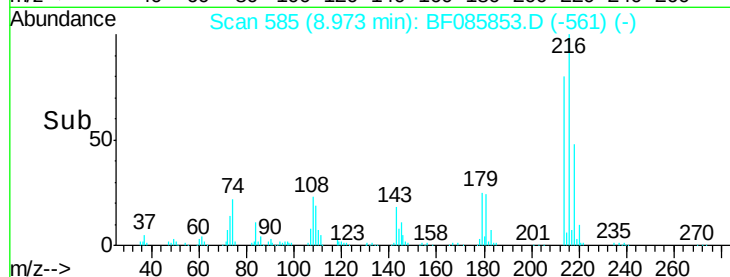
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	255867		
214	79.8	63.1	94.7	
179	23.9	18.2	27.2	
108	23.0	17.3	25.9	

Manual Integrations
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#40

Hexachlorocyclopentadiene

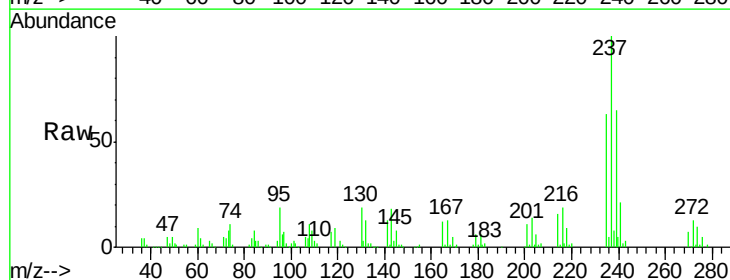
Concen: 37.66 ng

RT: 8.96 min Scan# 584

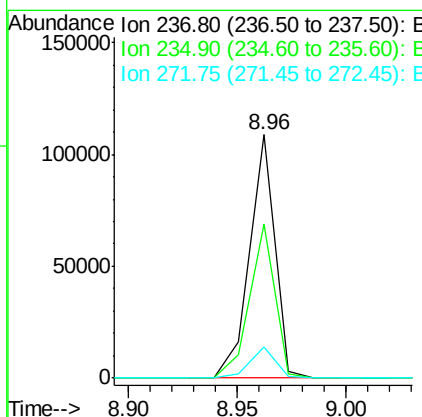
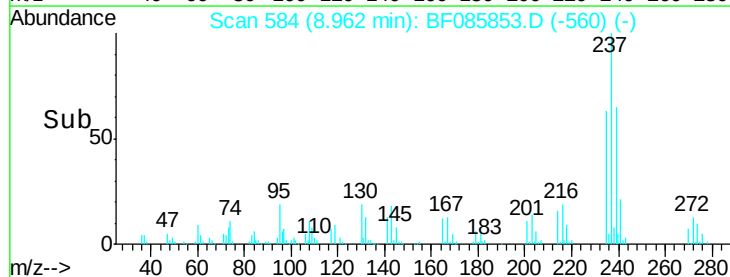
Delta R.T. -0.02 min

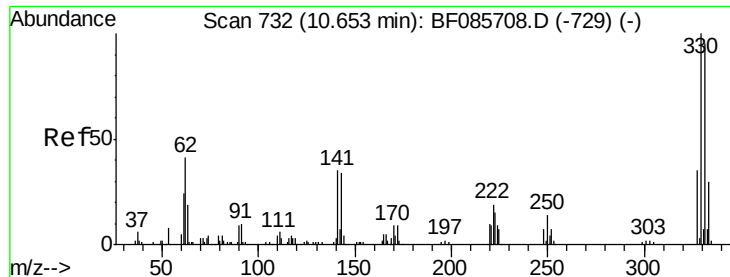
Lab File: BF085853.D

Acq: 29 Mar 2016 17:16



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	87963		
235	63.1	43.7	83.7	
272	13.0	0.0	31.9	





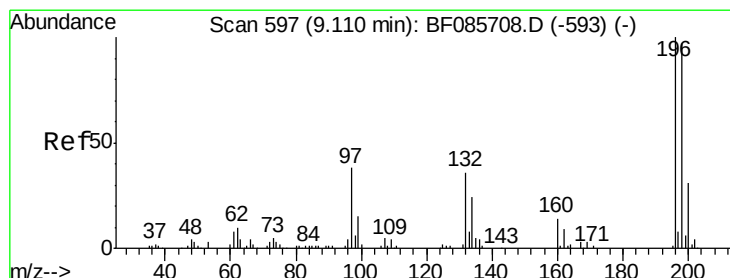
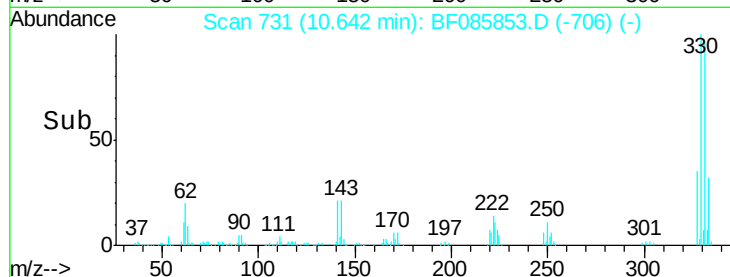
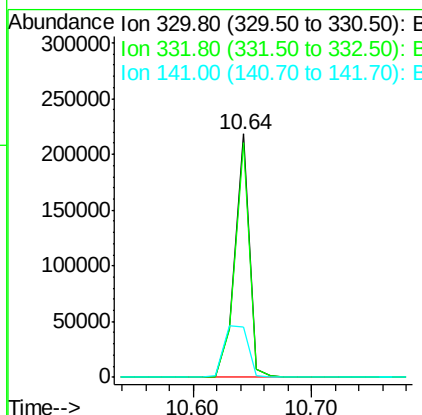
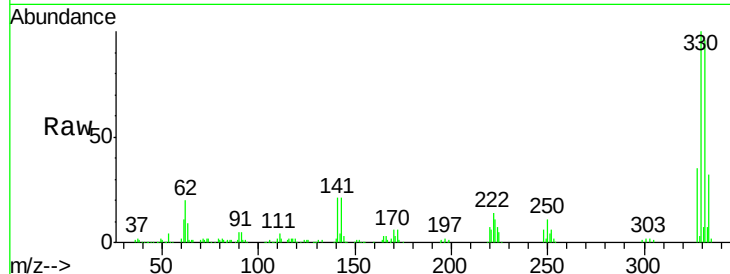
#41
 2,4,6-Tribromophenol
 Concen: 88.77 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	186607		
332	96.6	78.2	117.2	
141	34.7	31.5	47.3	

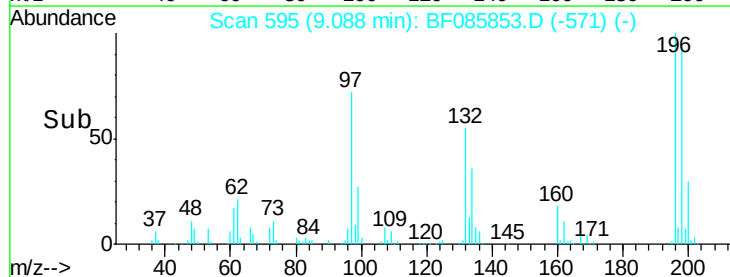
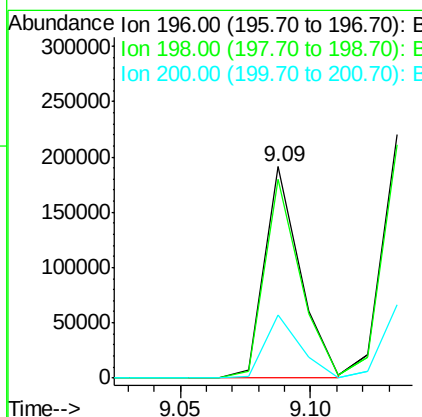
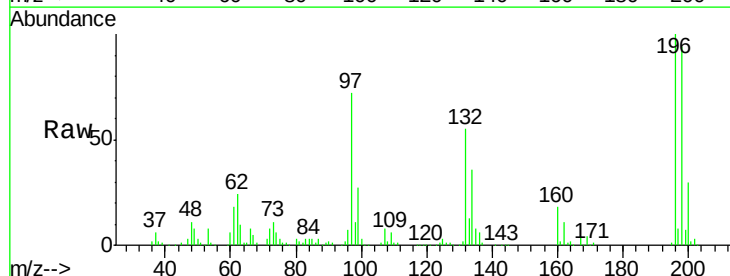
Manual Integrations
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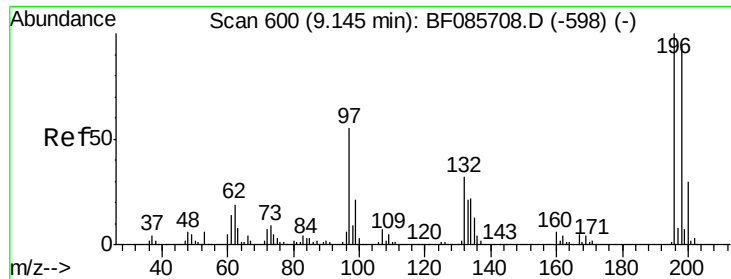
Sohil
 3/30/2016 7:04:25 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.35 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178799		
198	94.3	75.3	112.9	
200	29.7	23.7	35.5	





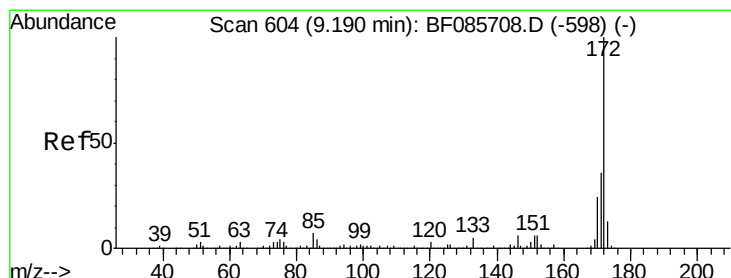
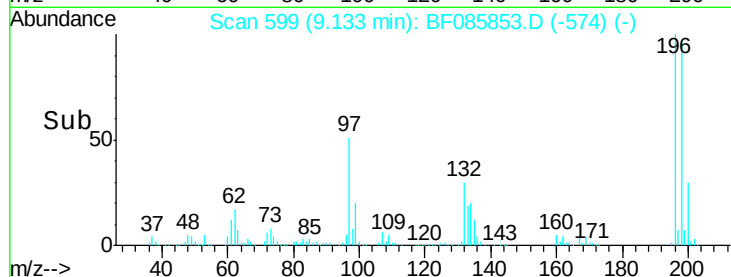
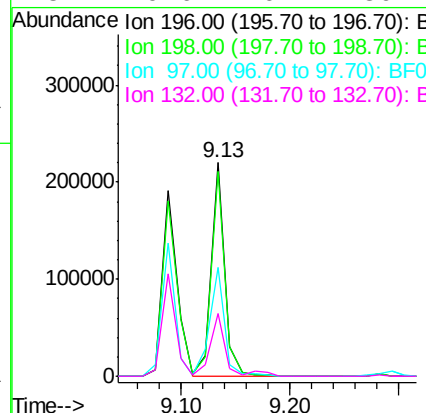
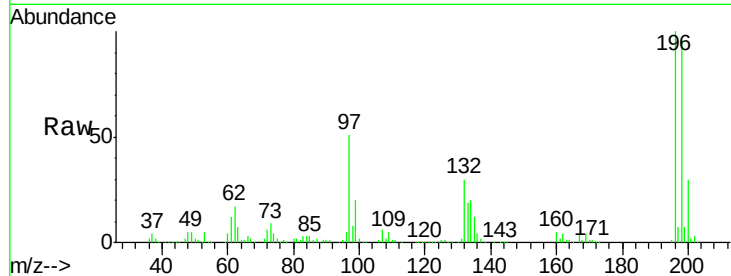
#43
 2,4,5-Trichlorophenol
 Concen: 41.48 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192797		
198	95.6	76.6	114.8	
97	50.9	30.5	45.7	
132	29.6	20.2	30.2	

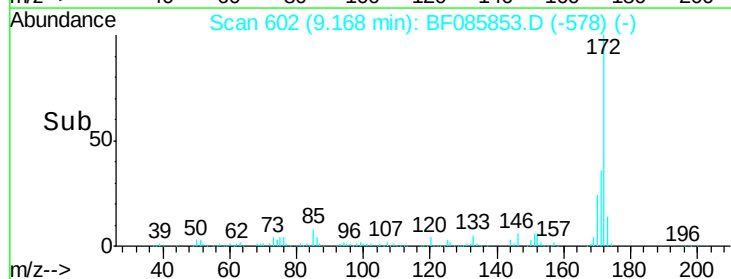
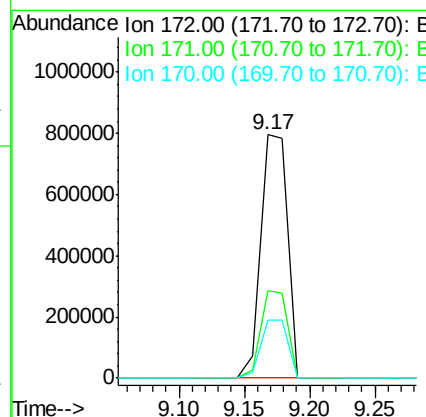
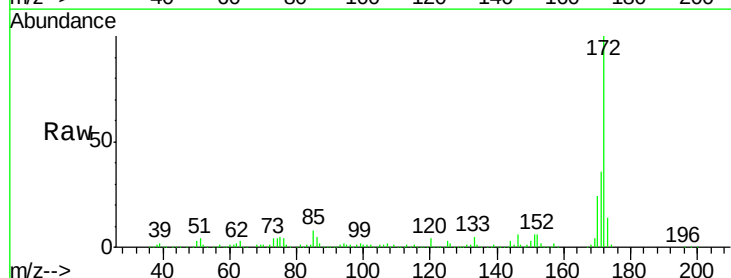
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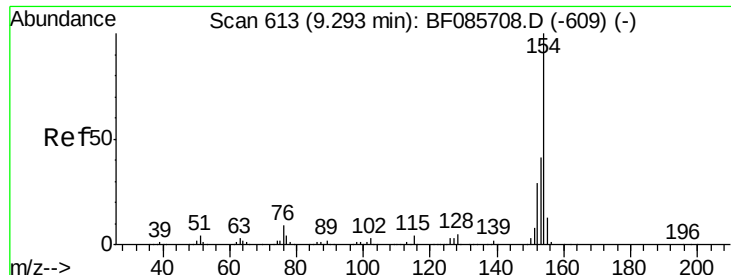
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 85.97 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1138549		
171	36.1	29.4	44.2	
170	24.1	19.8	29.6	





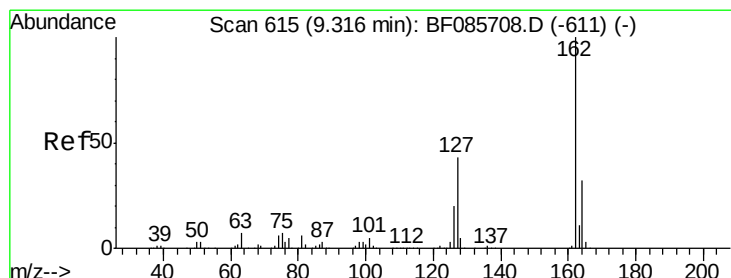
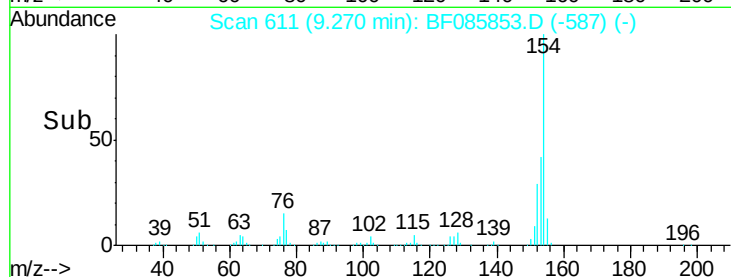
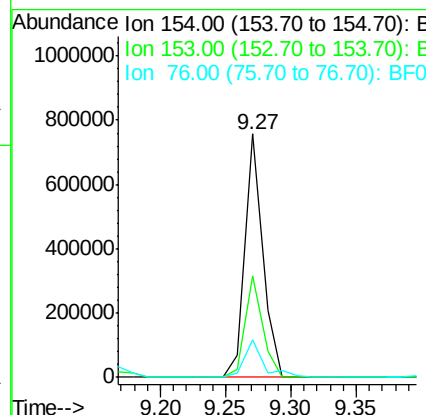
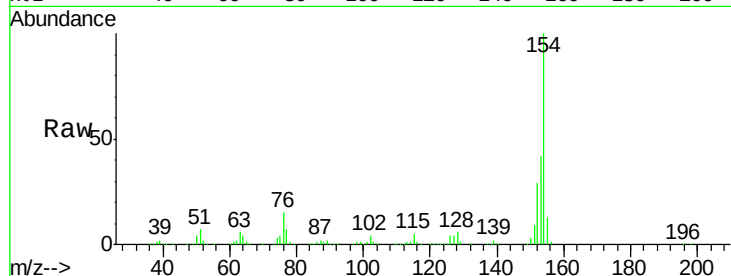
#45
1,1'-Biphenyl
Concen: 38.06 ng
RT: 9.27 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	710682		
153	41.7	20.8	60.8	
76	15.4	0.0	36.7	

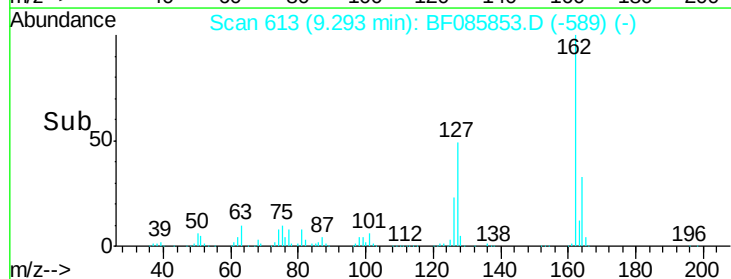
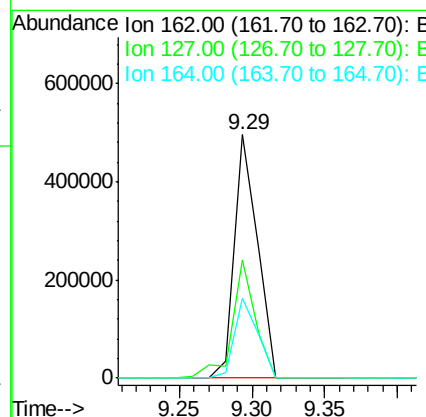
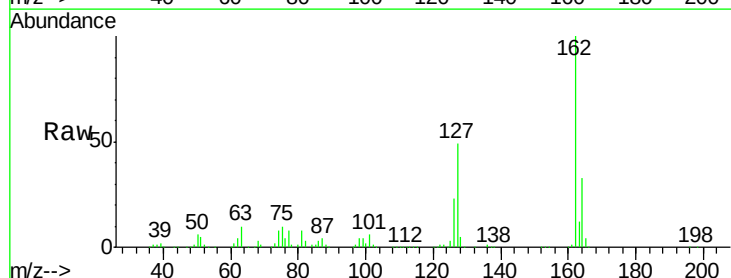
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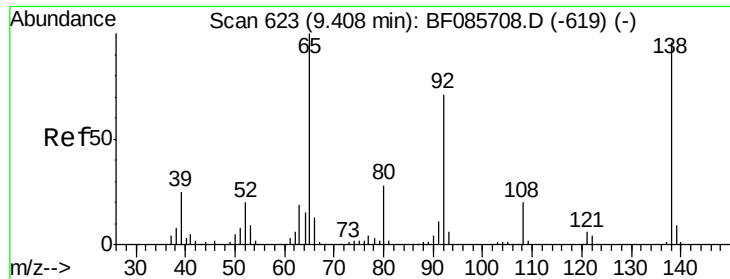
Sohil
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#46
2-Chloronaphthalene
Concen: 39.59 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	543489		
127	48.7	31.7	47.5#	
164	32.5	27.3	40.9	





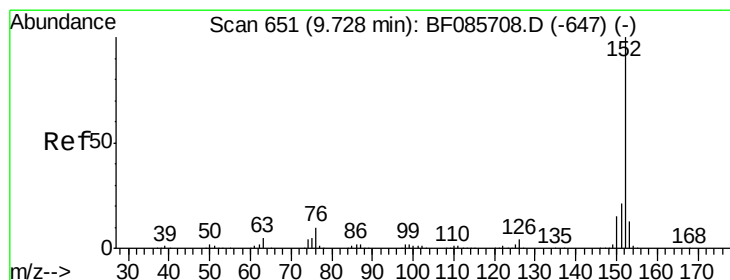
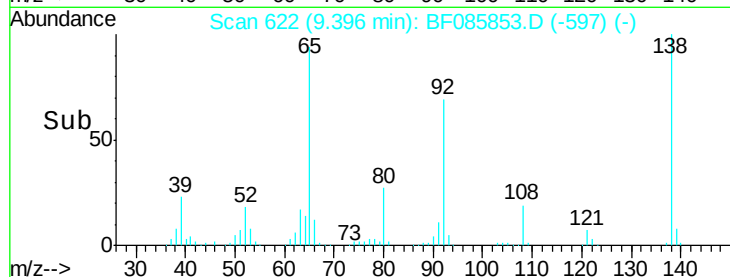
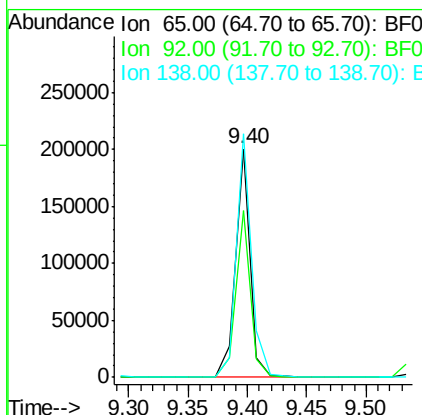
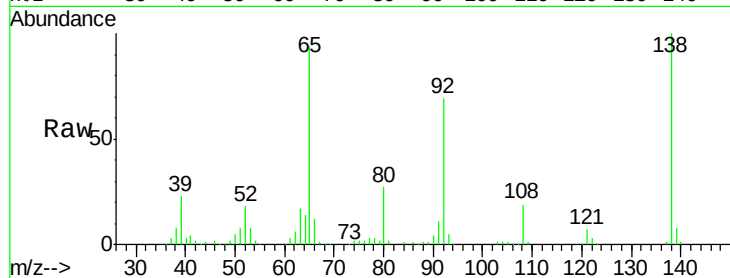
#47
2-Nitroaniline
Concen: 40.70 ng
RT: 9.40 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	59.7	89.5
138	106.4	91.4	137.0

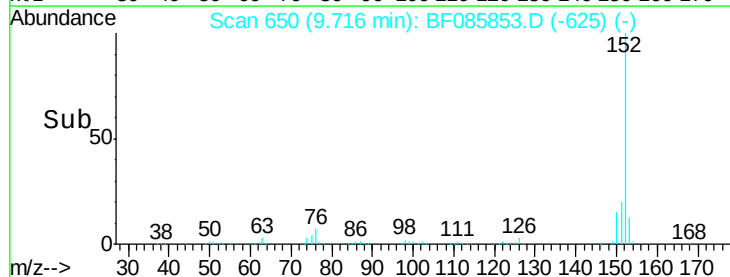
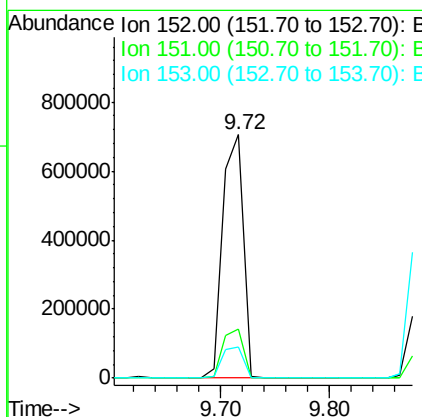
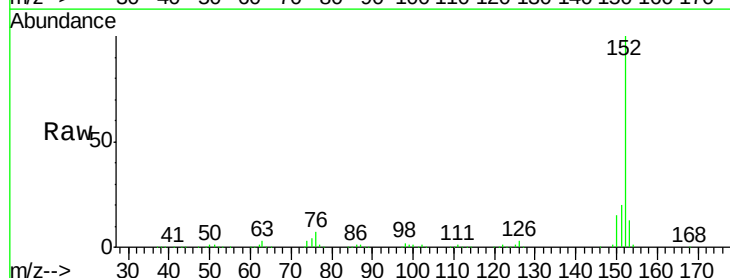
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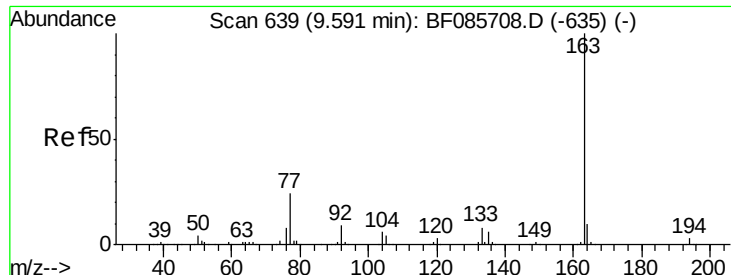
Sohil
3/30/2016 7:04:25 PM



#48
Acenaphthylene
Concen: 41.33 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.8	10.9	16.3





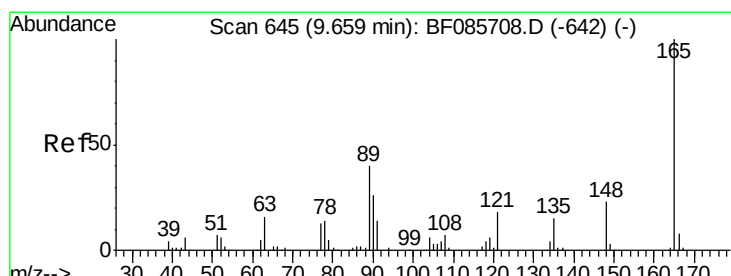
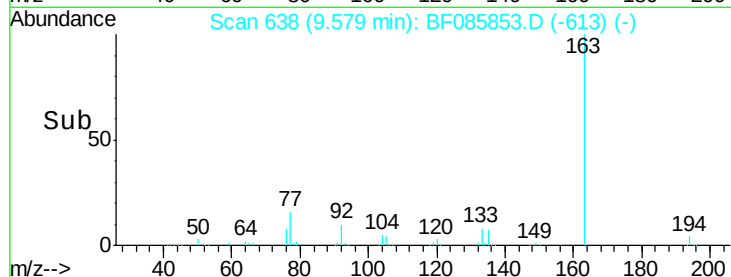
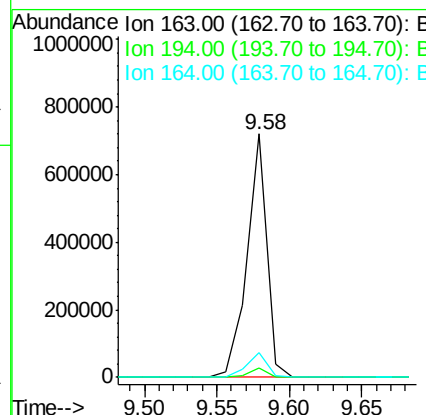
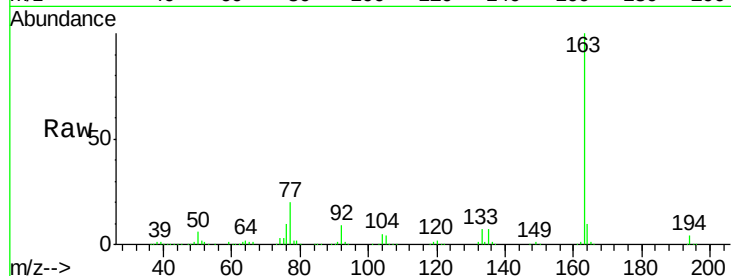
#49
Dimethylphthalate
Concen: 40.53 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.9	4.3
164	10.2	8.3	12.5

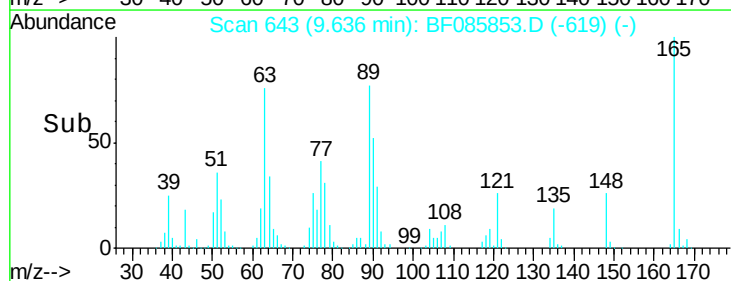
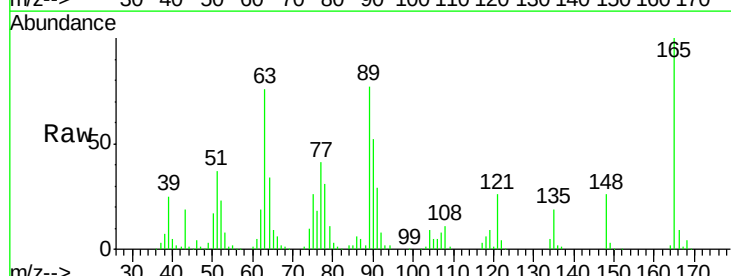
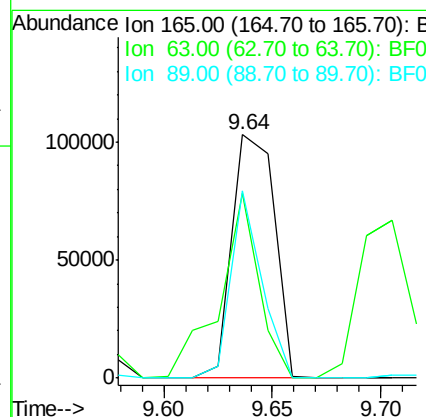
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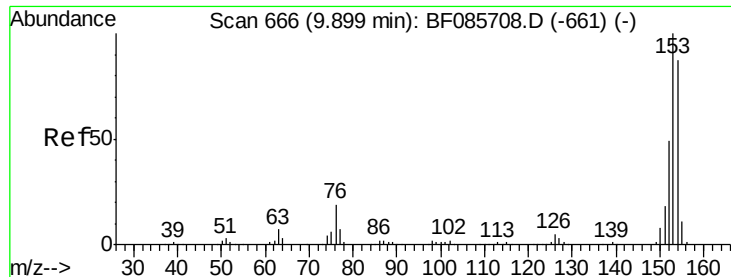
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#50
2,6-Dinitrotoluene
Concen: 38.67 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	76.0	51.8	77.8
89	77.1	53.7	80.5





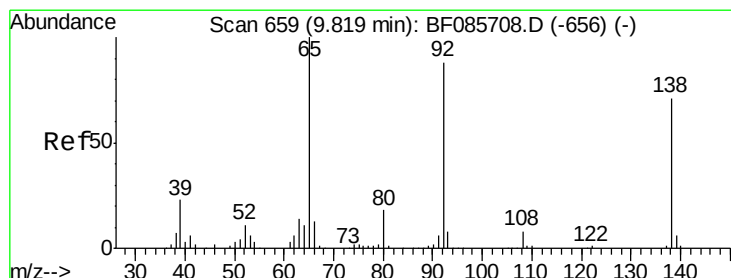
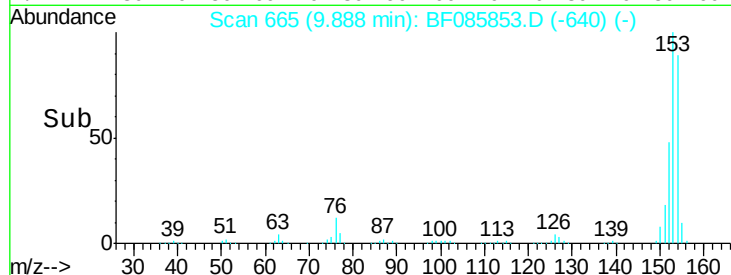
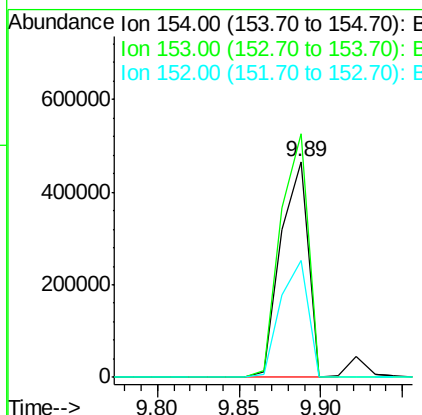
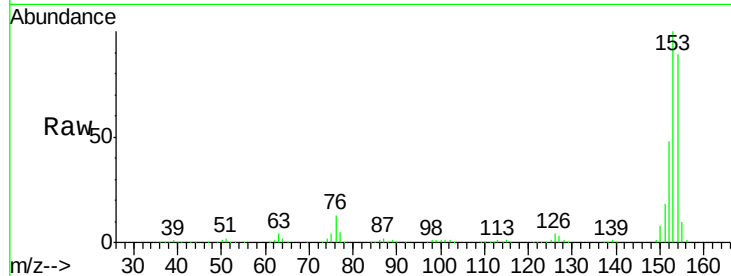
#51
Acenaphthene
Concen: 40.37 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.1	135.1
152	54.4	44.2	66.2

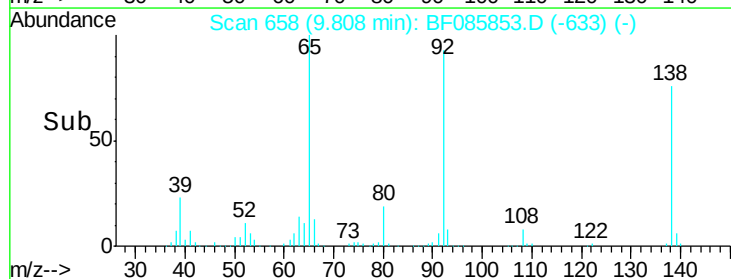
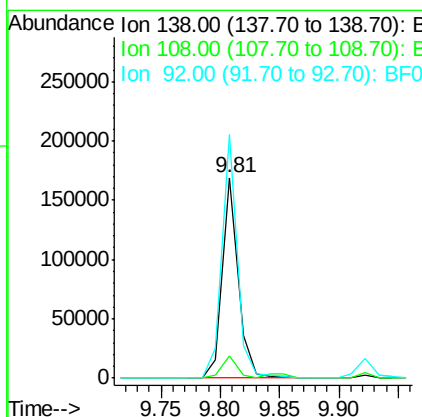
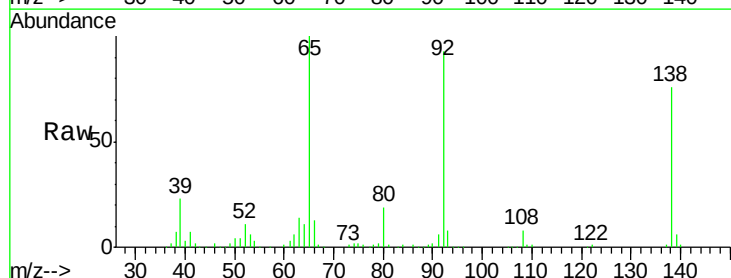
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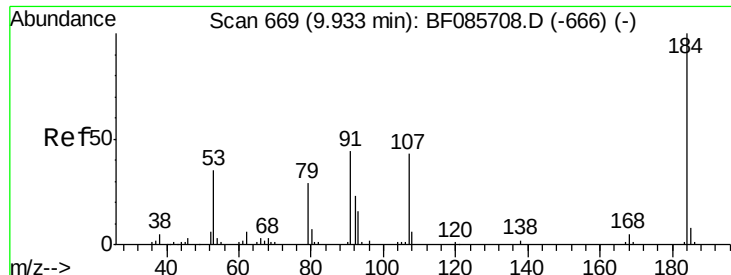
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#52
3-Nitroaniline
Concen: 37.89 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	121.5	93.3	139.9





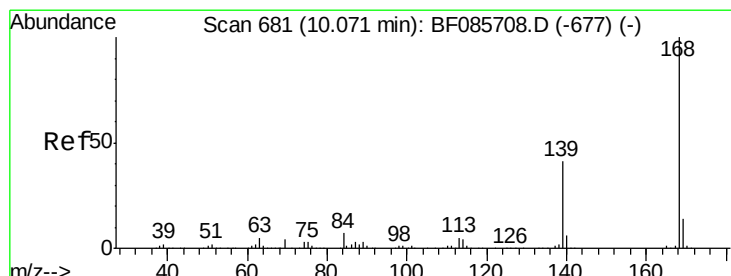
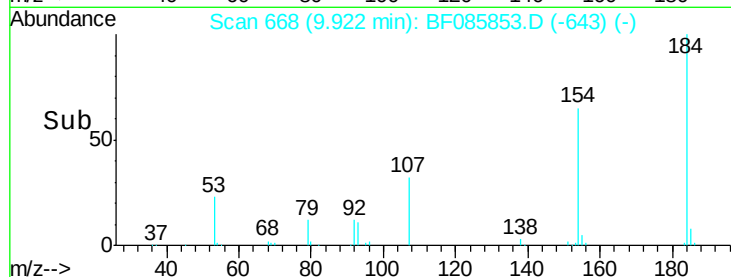
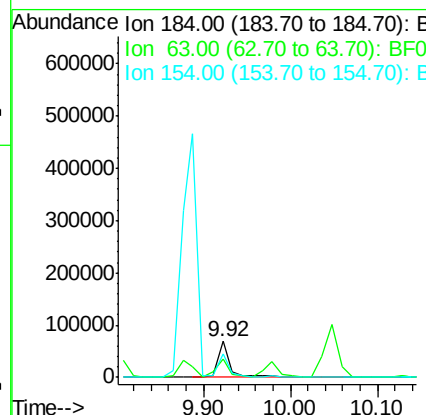
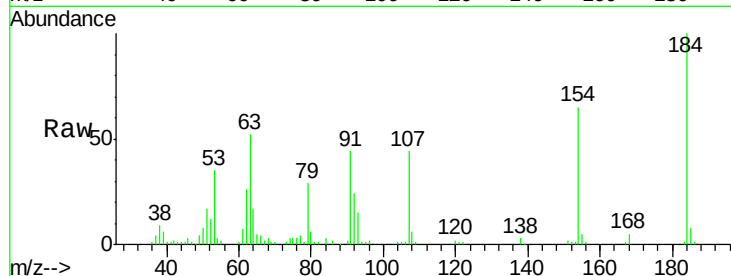
#53
 2,4-Dinitrophenol
 Concen: 40.70 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	68439		
63	52.0	69.5	104.3#	
154	65.1	58.3	87.5	

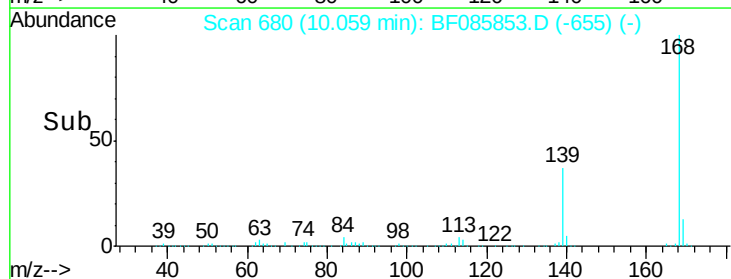
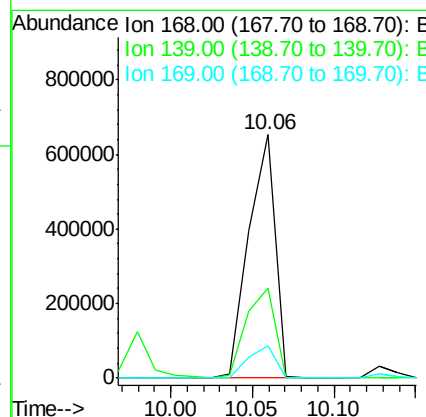
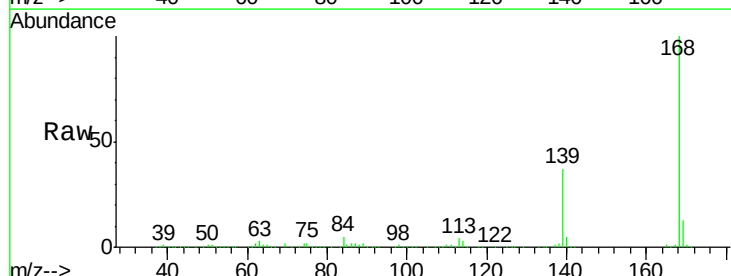
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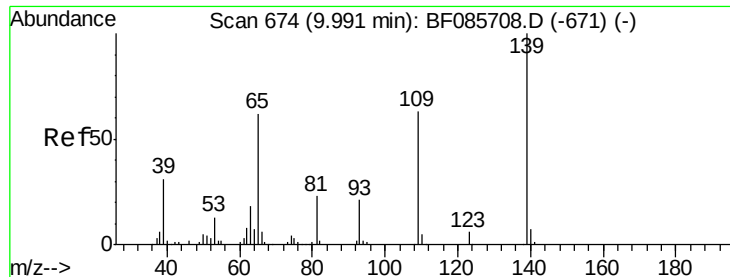
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#54
 Dibenzofuran
 Concen: 41.44 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	732845		
139	37.0	31.9	47.9	
169	13.1	11.0	16.6	





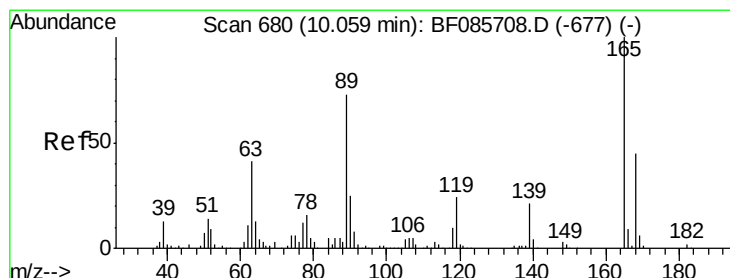
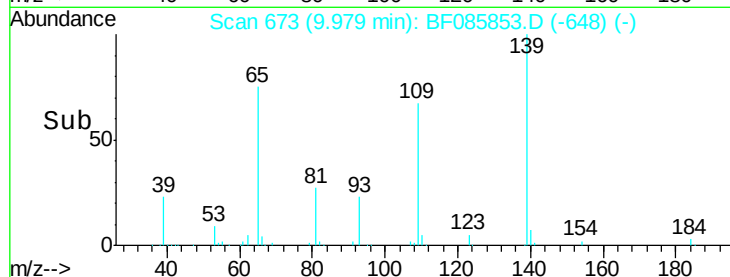
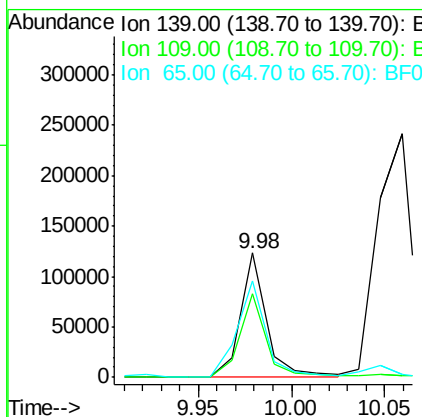
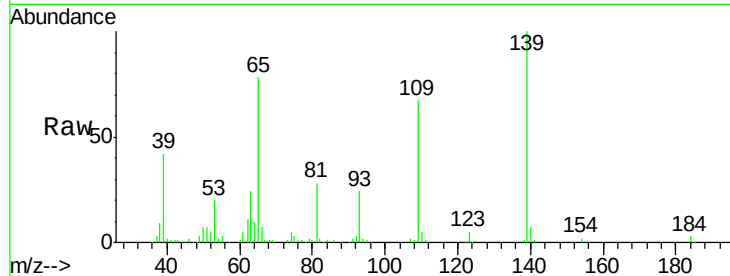
#55
4-Nitrophenol
Concen: 44.67 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	120352		
109	67.4	49.2	89.2	
65	77.7	66.9	106.9	

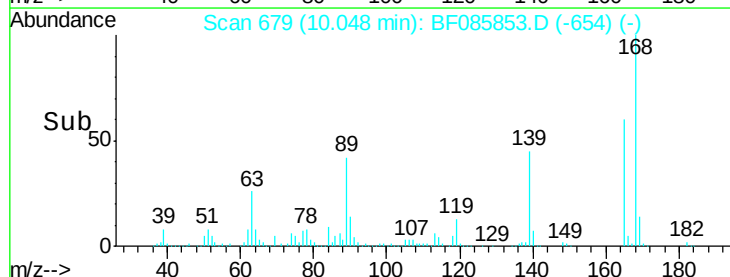
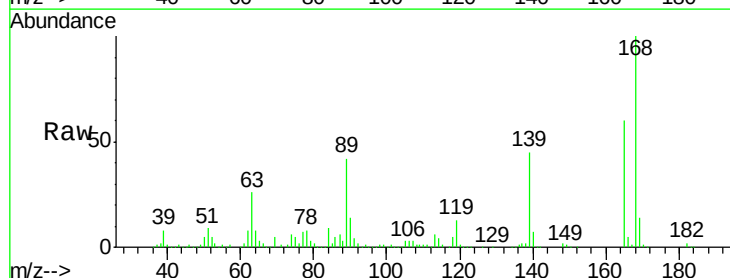
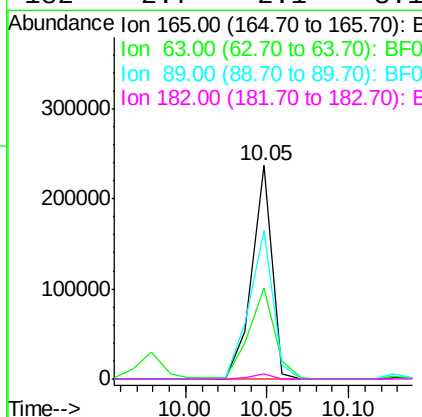
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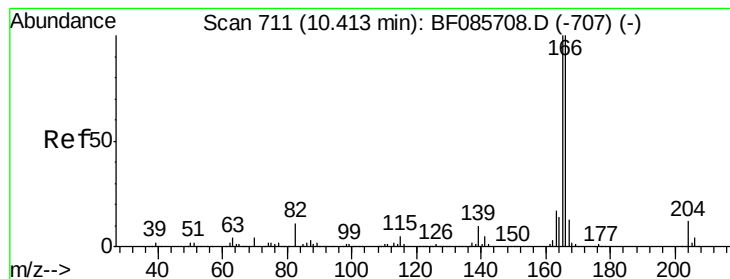
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#56
2,4-Dinitrotoluene
Concen: 44.19 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202968		
63	42.8	24.9	37.3#	
89	69.8	41.0	61.6#	
182	2.7	2.1	3.1	





#57

Fluorene

Concen: 40.67 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

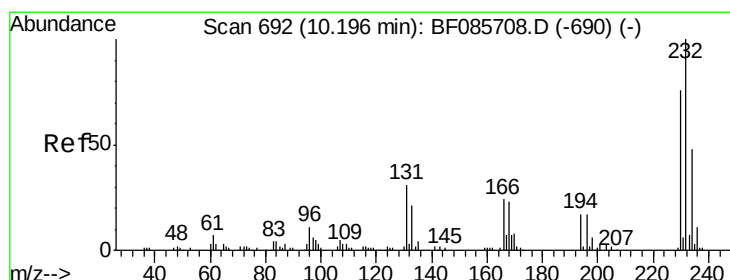
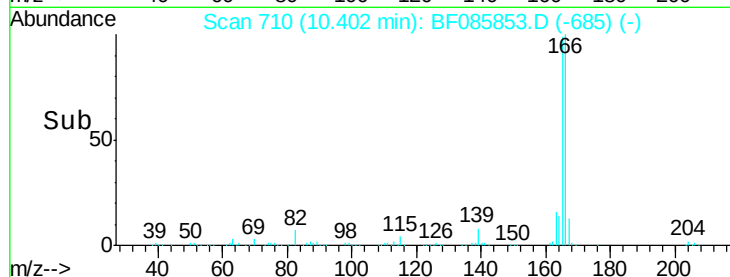
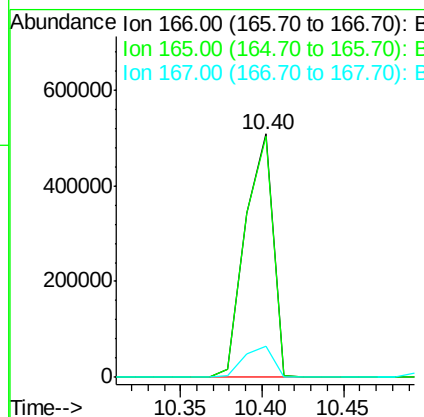
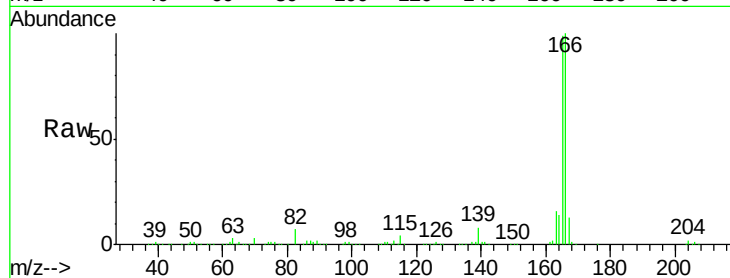
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	597956		
165	99.1	79.4	119.0	
167	12.9	11.0	16.4	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.72 ng

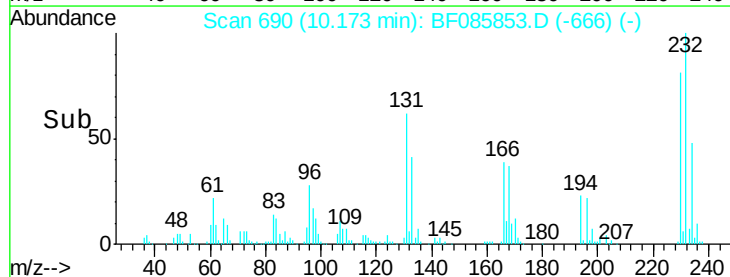
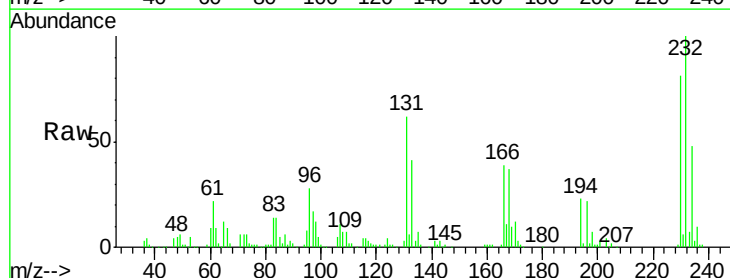
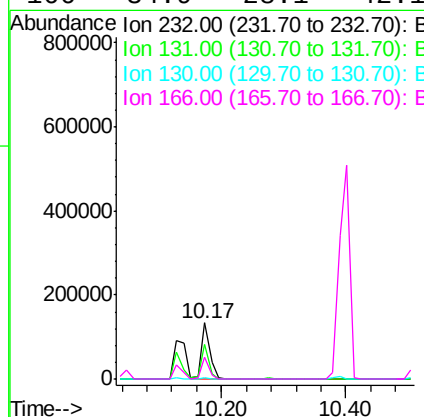
RT: 10.17 min Scan# 690

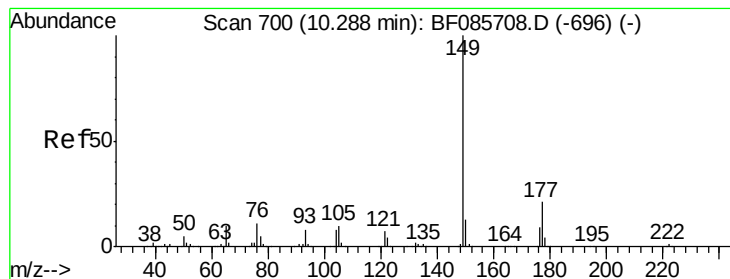
Delta R.T. -0.02 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131518		
131	55.8	44.9	67.3	
130	2.7	2.3	3.5	
166	34.9	28.1	42.1	





#59

Diethylphthalate

Concen: 42.33 ng

RT: 10.28 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

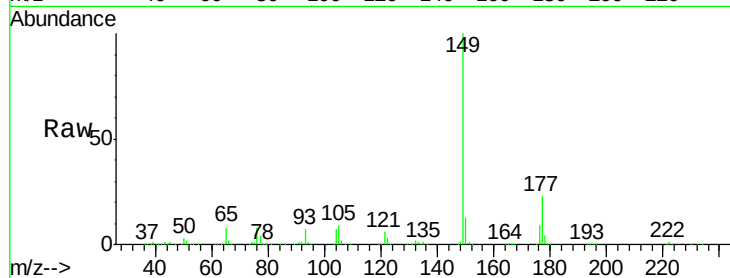
ClientSampleId :

SSTDCCC040

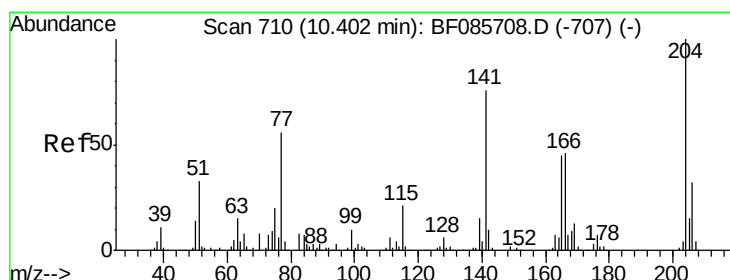
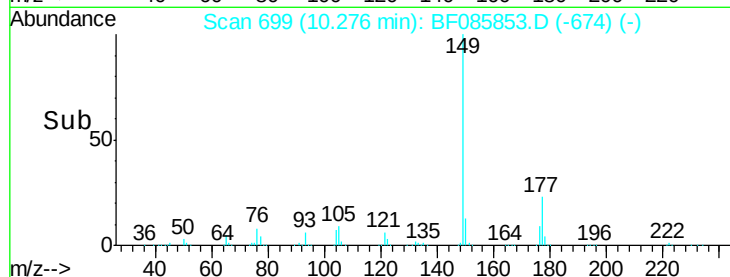
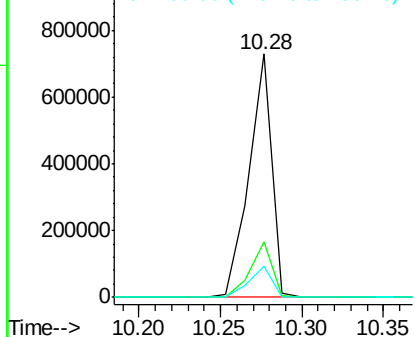
Tgt Ion:	149	Resp:	702098
Ion Ratio	Lower	Upper	
149	100		
177	22.6	17.9	26.9
150	12.6	10.2	15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.13 ng

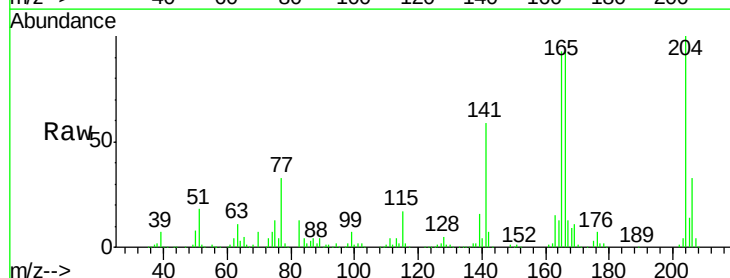
RT: 10.39 min Scan# 709

Delta R.T. -0.01 min

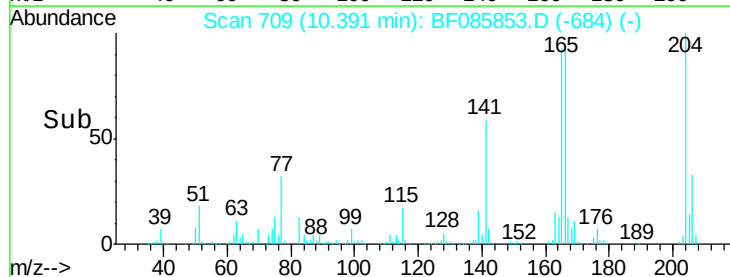
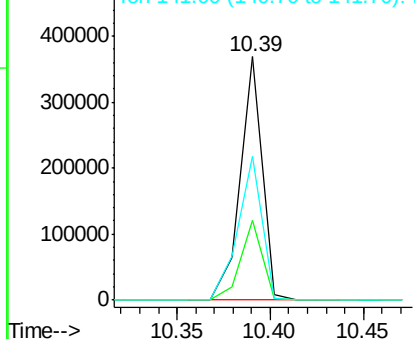
Lab File: BF085853.D

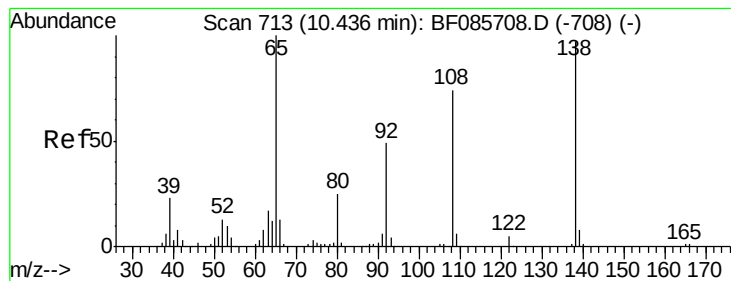
Acq: 29 Mar 2016 17:16

Tgt Ion:	204	Resp:	302824
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.6	39.8
141	58.9	57.4	86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.56 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085853.D

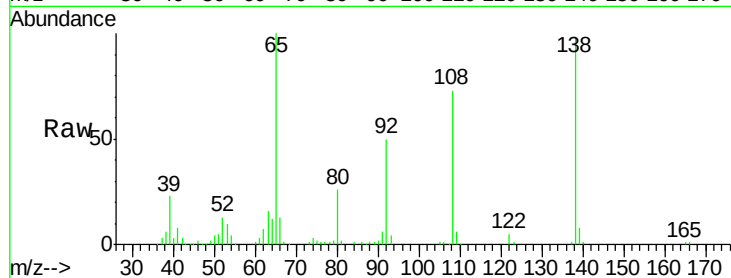
Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 138 Resp: 172325

Ion Ratio Lower Upper

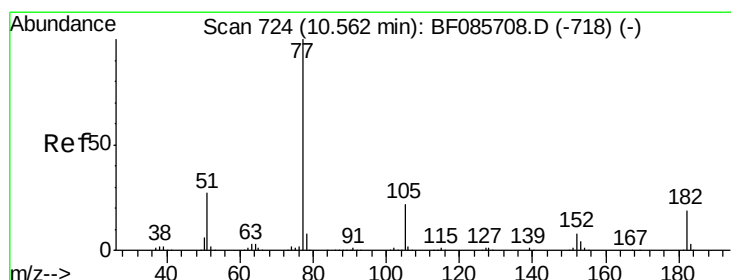
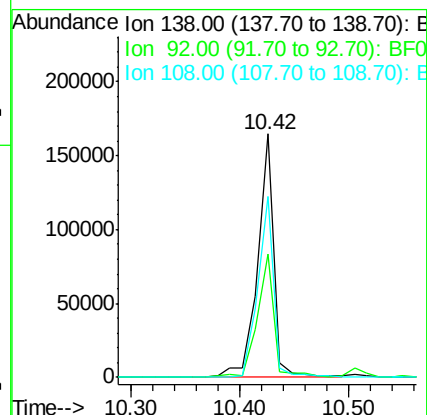
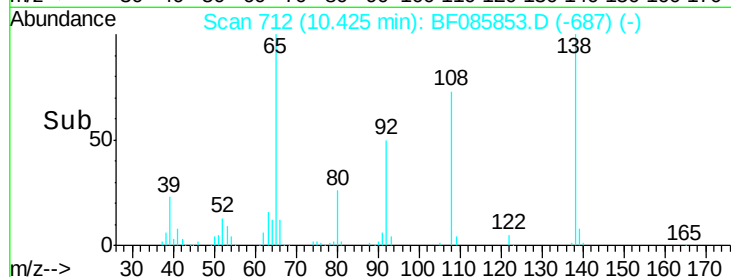
138 100

92 50.4 26.4 66.4

108 74.4 49.0 89.0

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#62

Azobenzene

Concen: 42.98 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion: 77 Resp: 685047

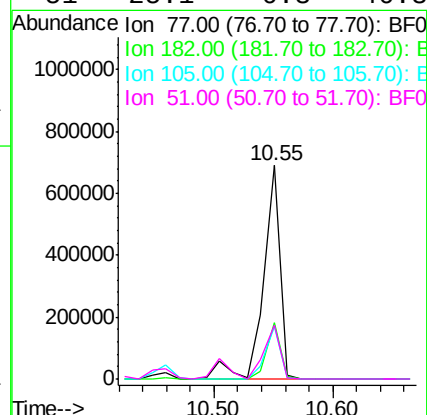
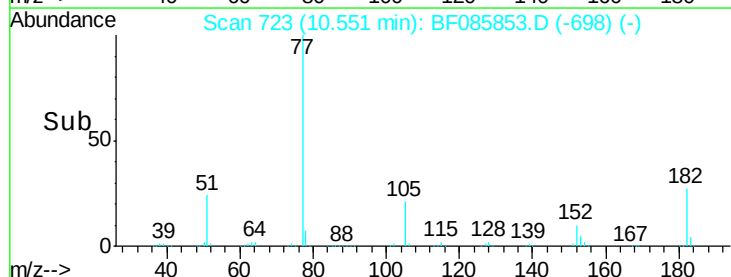
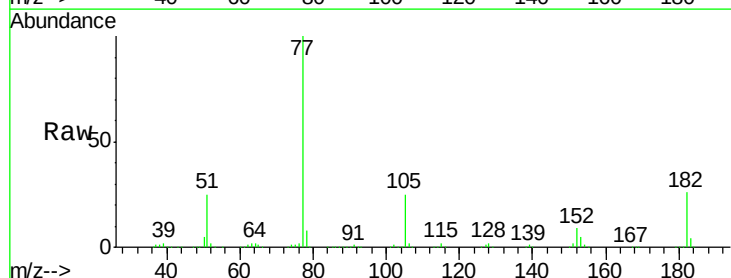
Ion Ratio Lower Upper

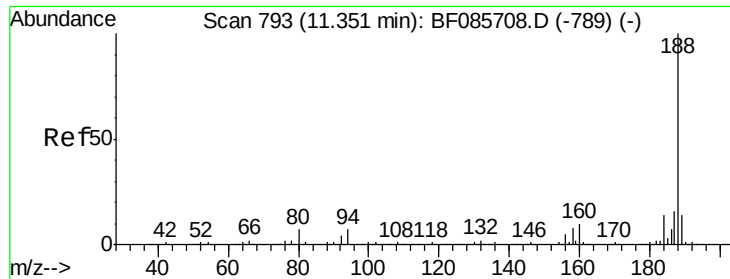
77 100

182 26.3 1.9 41.9

105 24.8 3.5 43.5

51 25.1 6.3 46.3





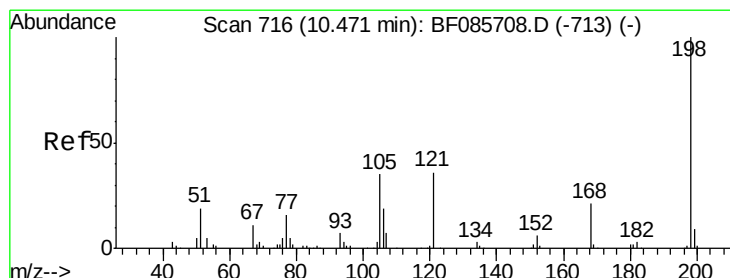
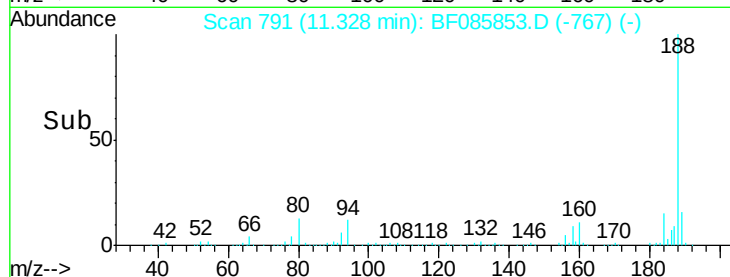
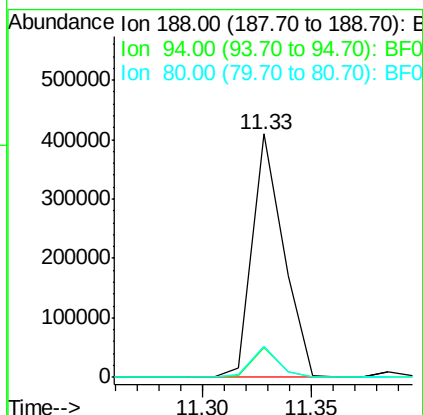
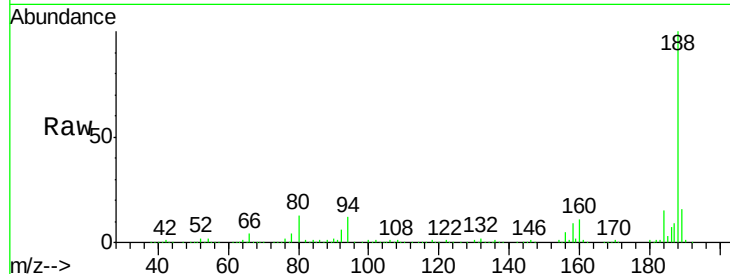
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	5.4	8.0#
80	12.7	5.5	8.3#

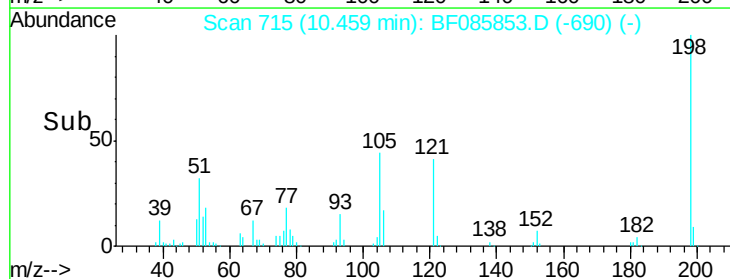
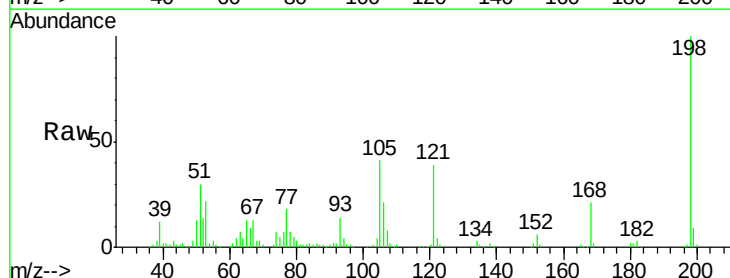
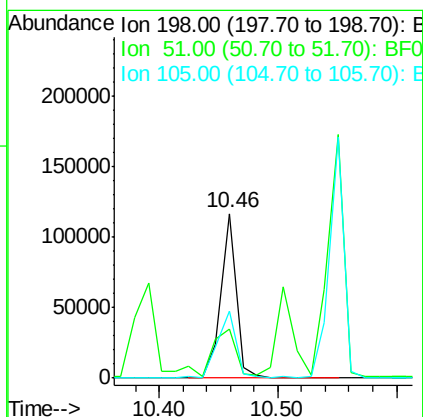
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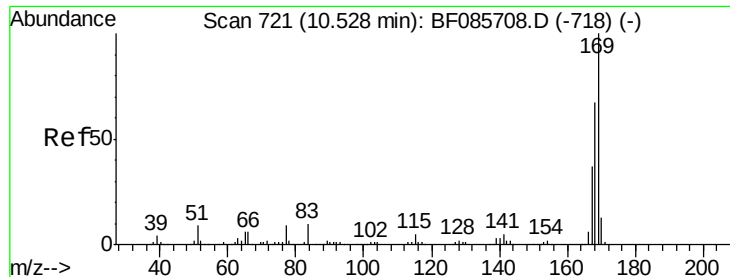
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.36 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	29.6	45.4	85.4#
105	40.7	45.9	85.9#





#65

n-Nitrosodiphenylamine

Concen: 39.59 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

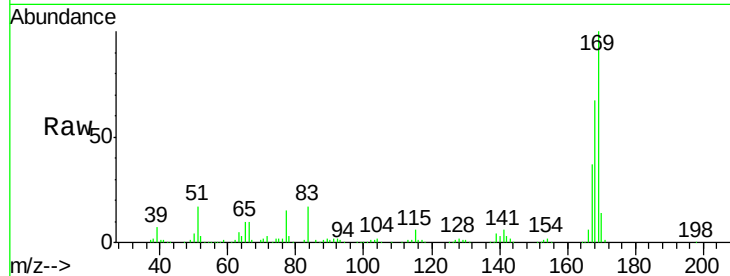
ClientSampleId :

SSTDCCC040

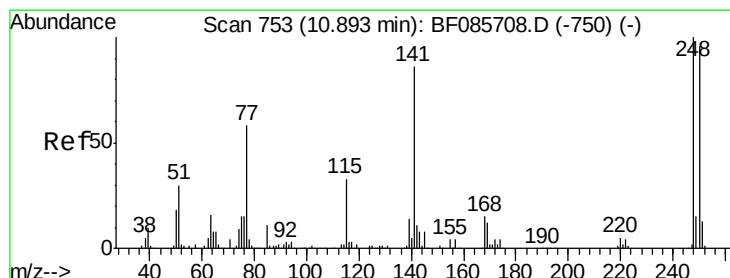
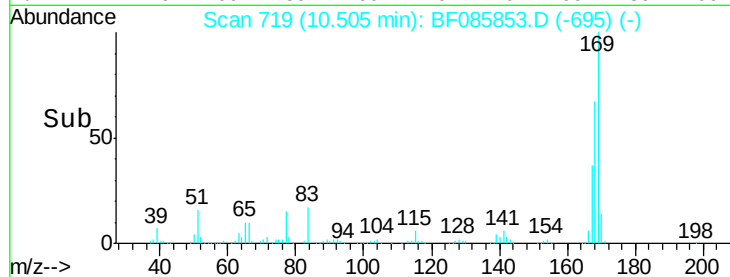
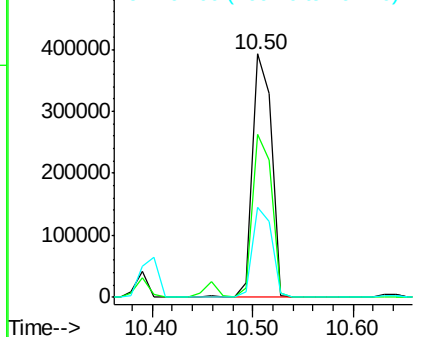
Tgt Ion:	169	Resp:	515651
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.4	81.6
167	37.0	29.4	44.0

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.47 ng

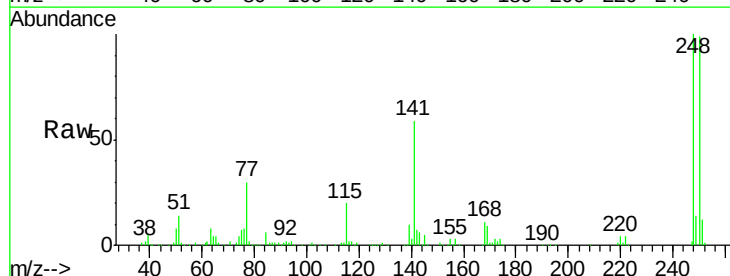
RT: 10.88 min Scan# 752

Delta R.T. -0.01 min

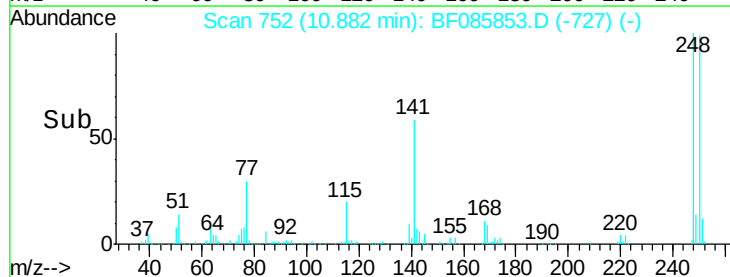
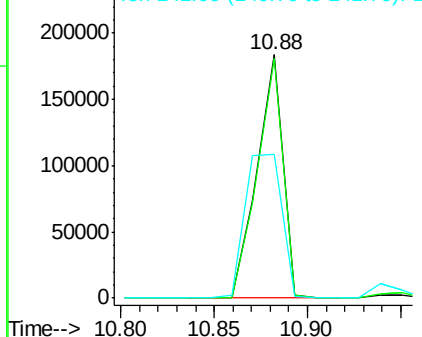
Lab File: BF085853.D

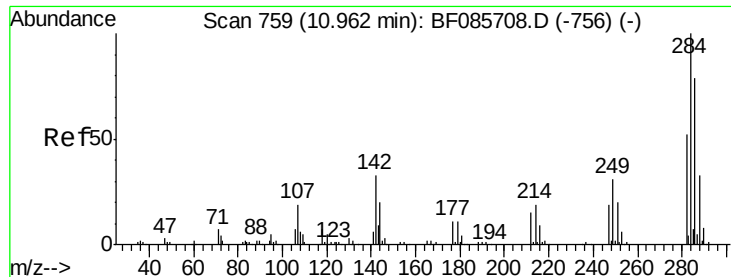
Acq: 29 Mar 2016 17:16

Tgt Ion:	248	Resp:	178681
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.4	116.0
141	58.8	63.6	95.4#



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





#67

Hexachlorobenzene

Concen: 42.49 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

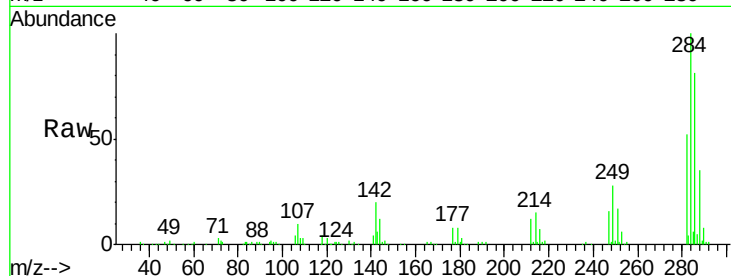
ClientSampleId :

SSTDCCC040

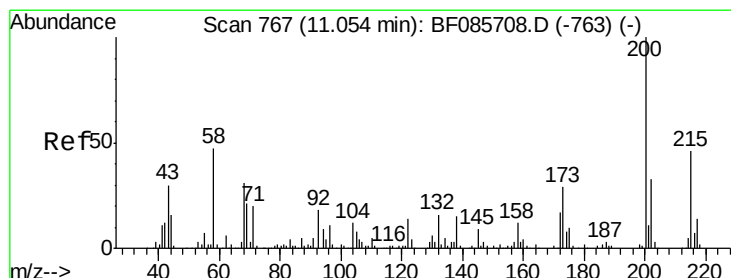
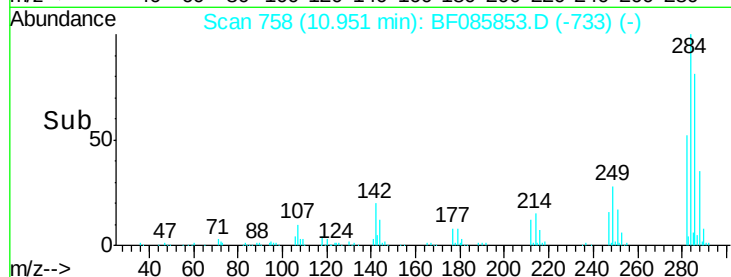
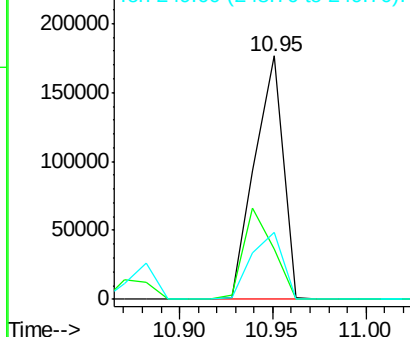
Tgt Ion:	284	Resp:	186931
Ion Ratio	Lower	Upper	
284	100		
142	20.5	23.1	34.7#
249	27.7	24.2	36.2

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



#68

Atrazine

Concen: 41.52 ng

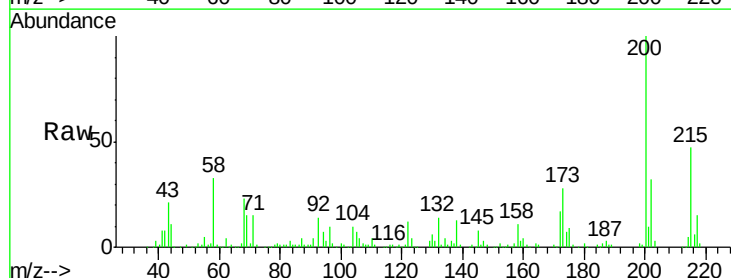
RT: 11.04 min Scan# 766

Delta R.T. -0.01 min

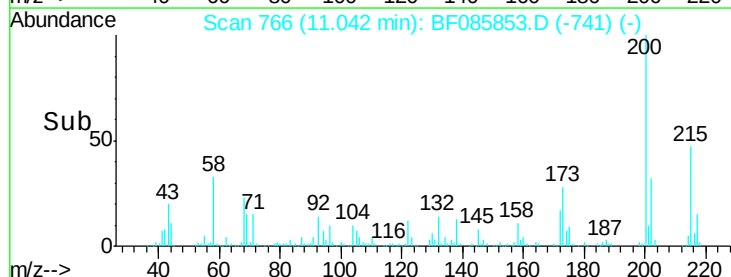
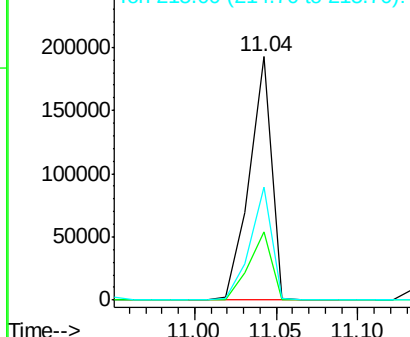
Lab File: BF085853.D

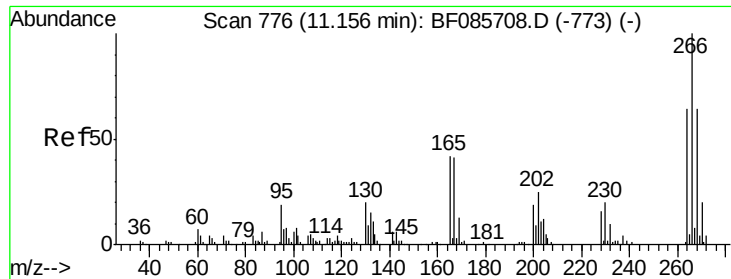
Acq: 29 Mar 2016 17:16

Tgt Ion:	200	Resp:	182582
Ion Ratio	Lower	Upper	
200	100		
173	27.9	7.7	47.7
215	46.6	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





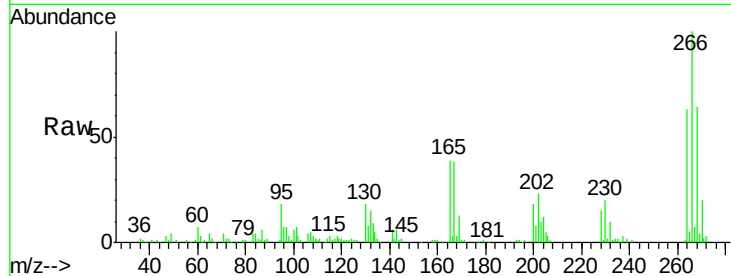
#69
 Pentachlorophenol
 Concen: 41.70 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

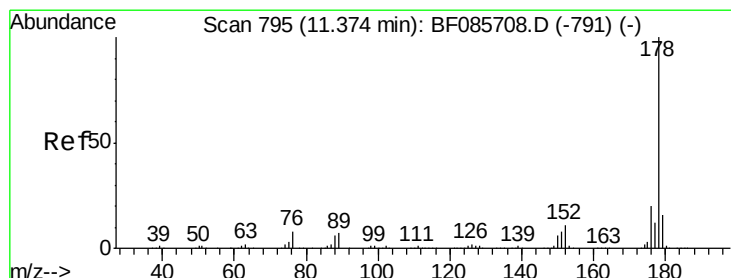
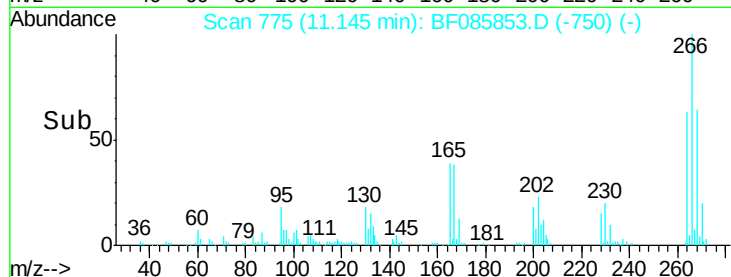
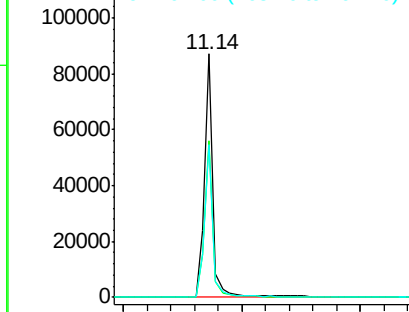
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	90067		
268	64.1		51.5	77.3
264	62.7		50.6	76.0

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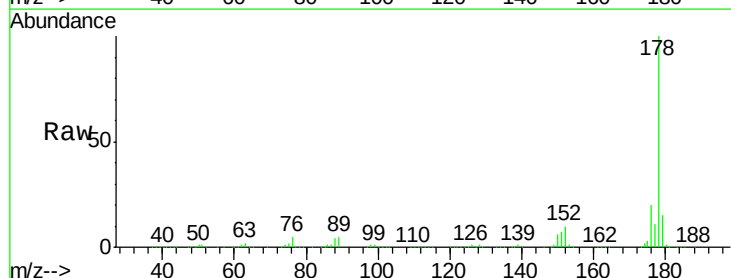


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

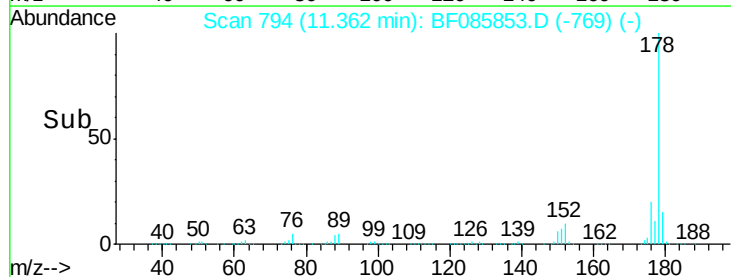
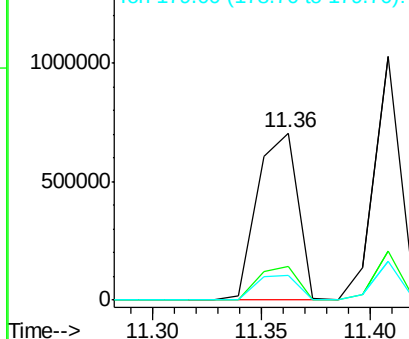


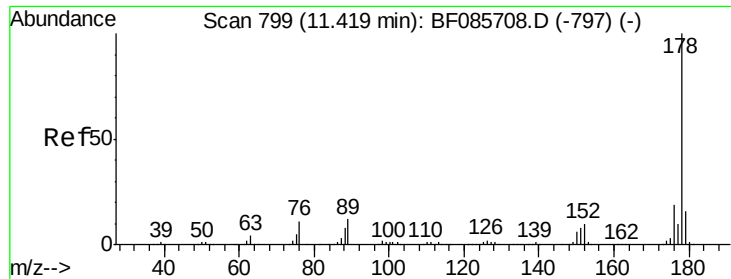
#70
 Phenanthrene
 Concen: 43.42 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	916870		
176	19.9		16.3	24.5
179	15.0		12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





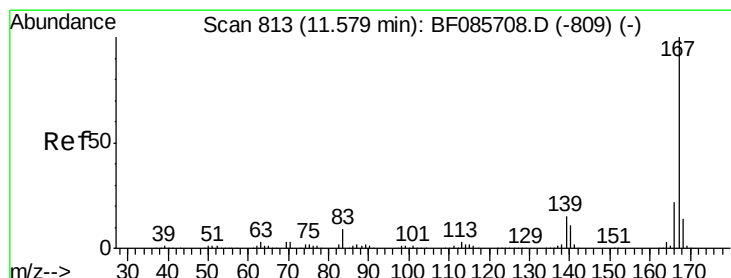
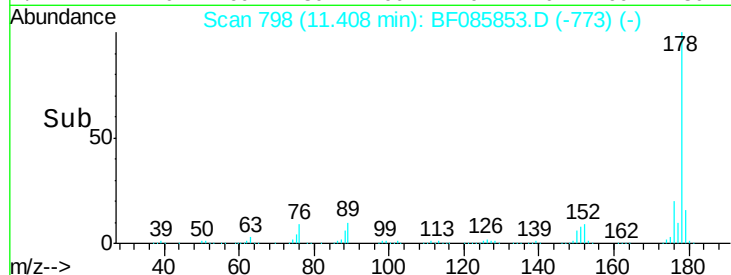
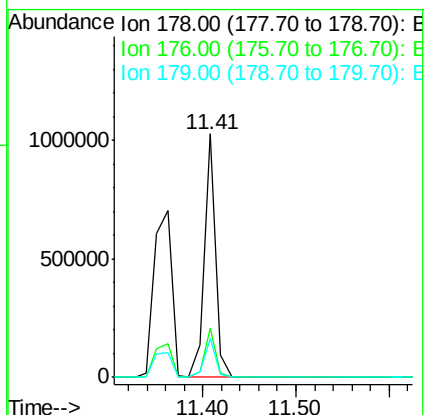
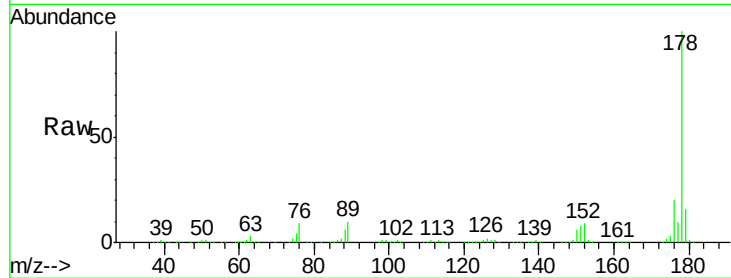
#71
 Anthracene
 Concen: 39.32 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.0	13.0	19.4

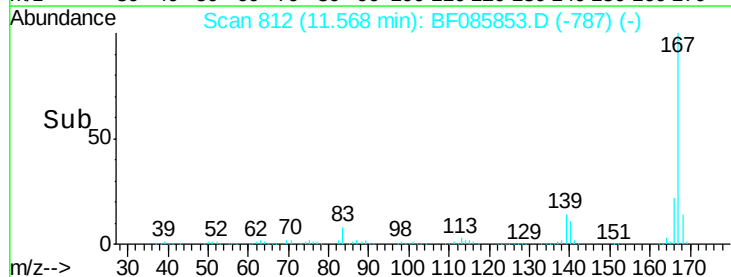
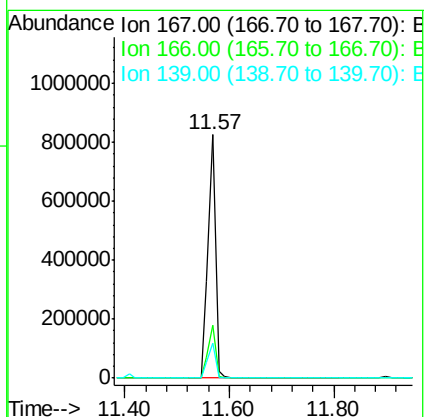
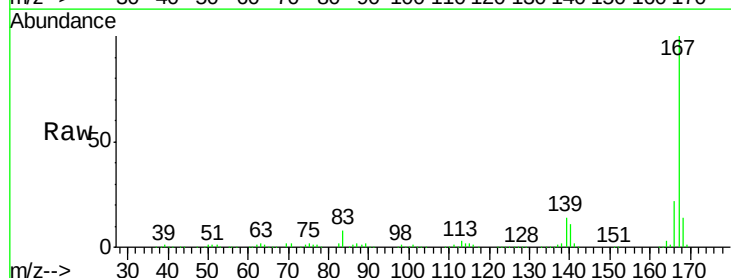
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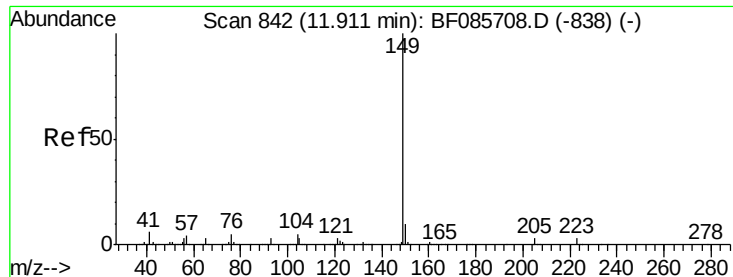
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#72
 Carbazole
 Concen: 44.22 ng
 RT: 11.57 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	14.2	11.6	17.4





#73

Di-n-butylphthalate

Concen: 40.88 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1043981

Ion Ratio Lower Upper

149 100

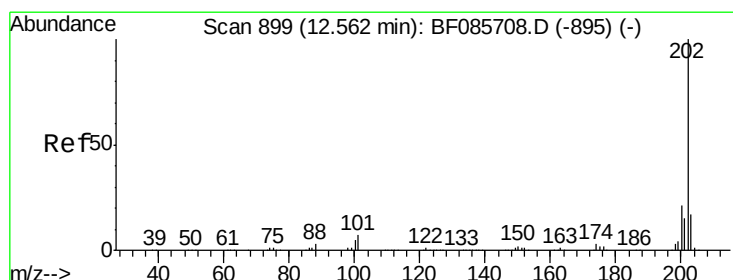
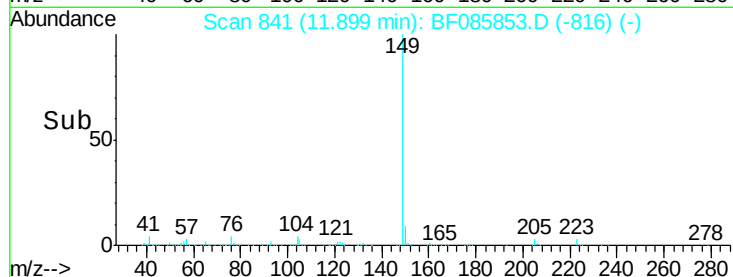
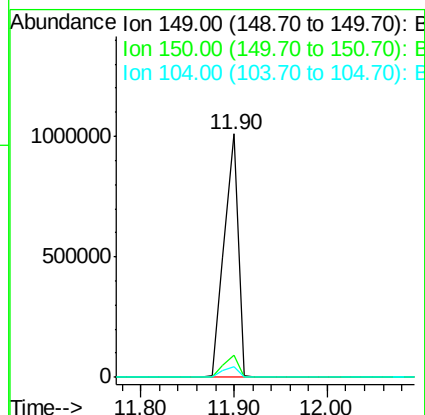
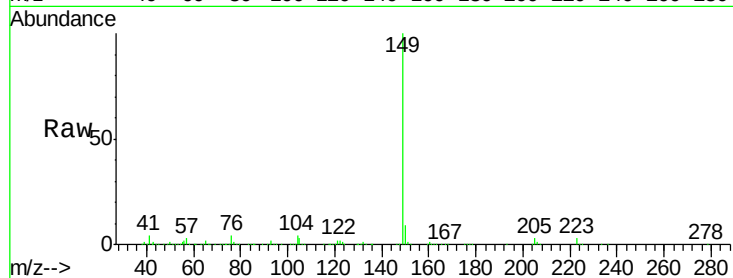
150 9.3 7.6 11.4

104 4.4 3.8 5.8

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#74

Fluoranthene

Concen: 36.71 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

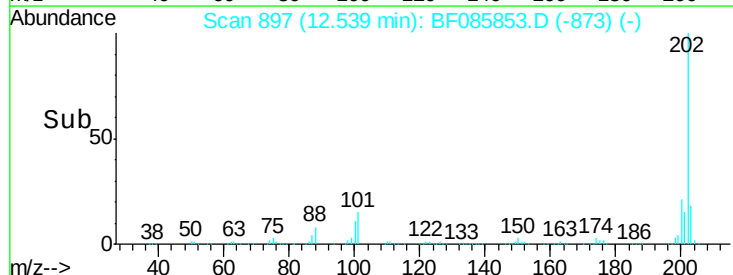
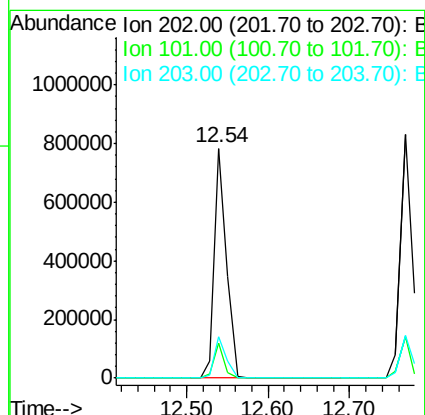
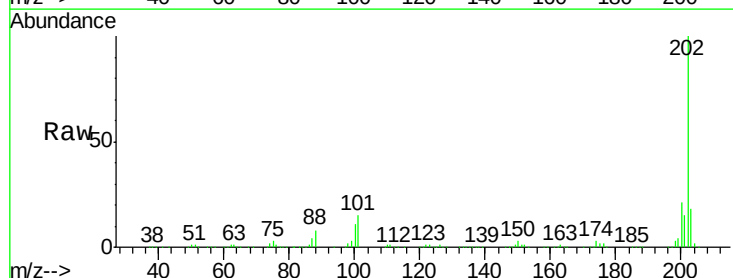
Tgt Ion:202 Resp: 823877

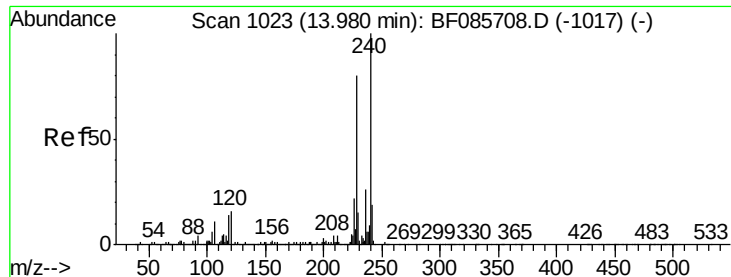
Ion Ratio Lower Upper

202 100

101 15.4 0.0 36.6

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

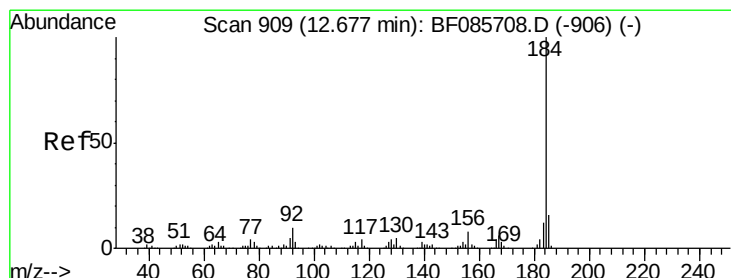
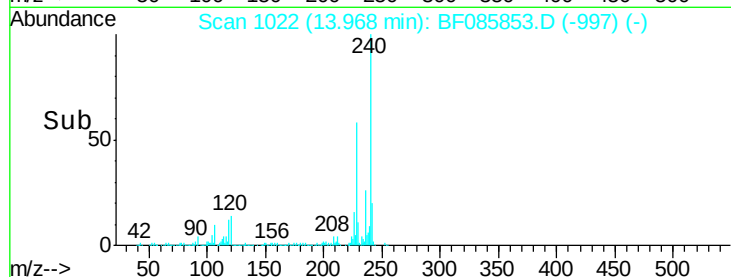
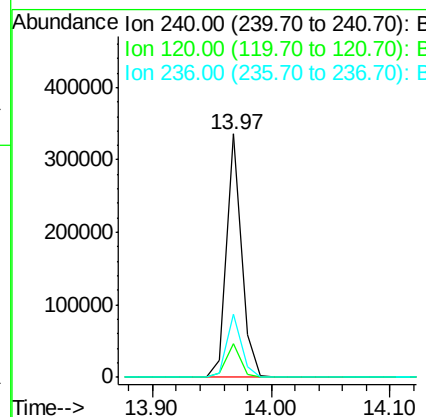
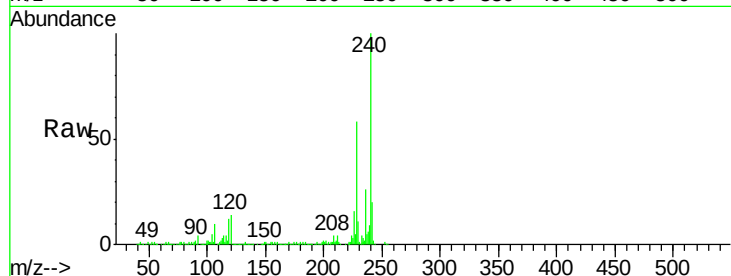
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	291640
Ion Ratio	Lower	Upper	
240	100		
120	14.1	13.8	20.8
236	26.1	20.6	30.8

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#76

Benzidine

Concen: 23.47 ng

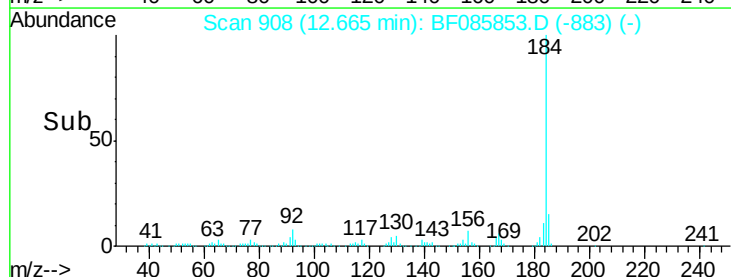
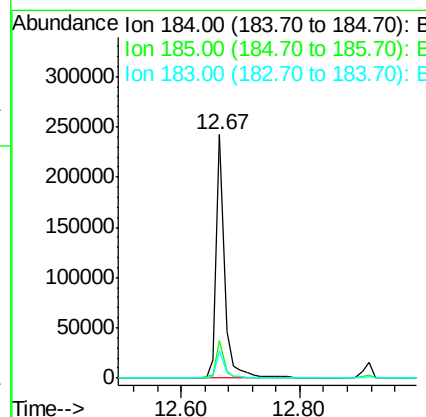
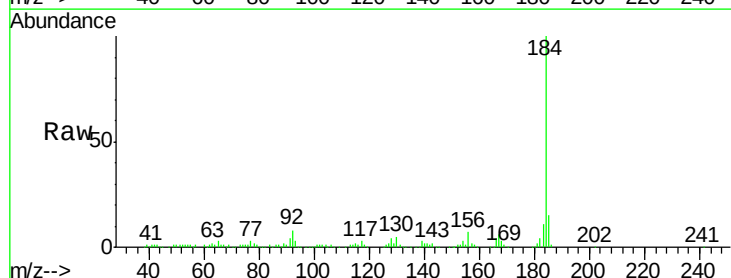
RT: 12.67 min Scan# 908

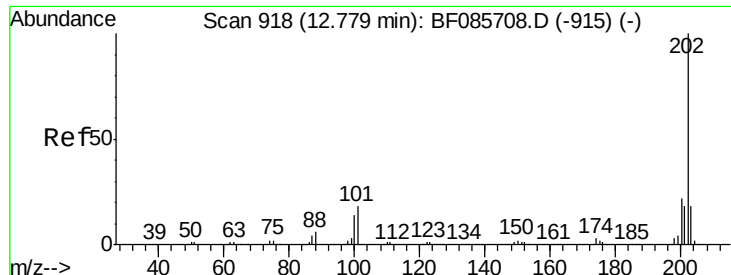
Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Tgt Ion:	184	Resp:	241061
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.4	18.6
183	11.2	9.4	14.2





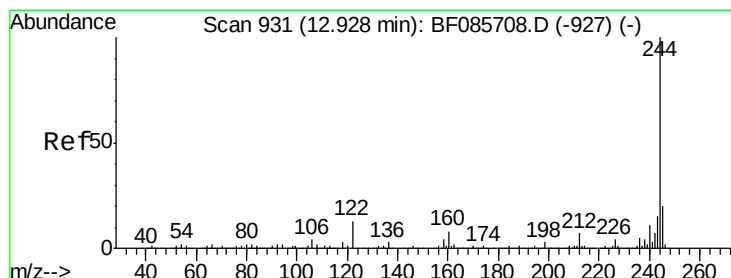
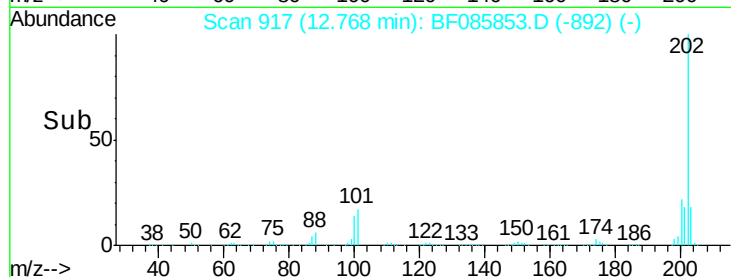
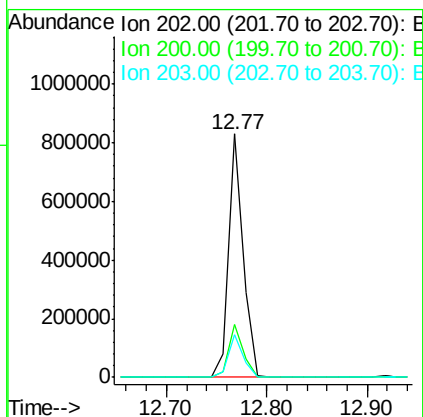
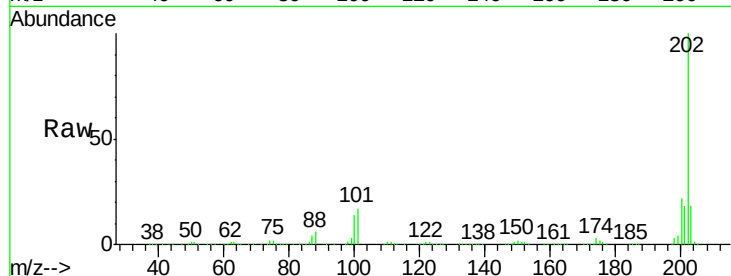
#77
 Pyrene
 Concen: 34.75 ng
 RT: 12.77 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	832955		
200	21.9		17.6	26.4
203	17.7		14.0	21.0

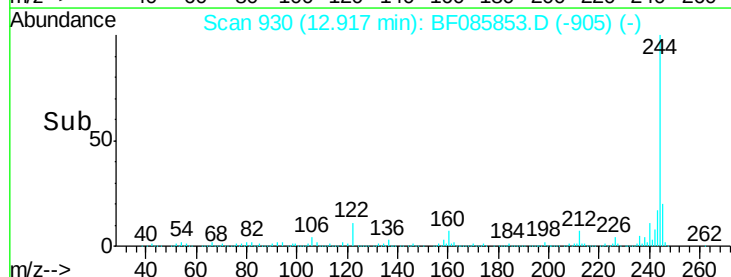
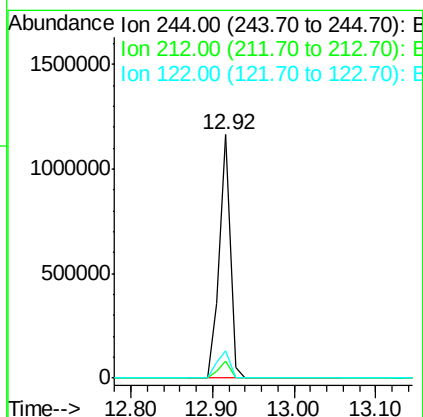
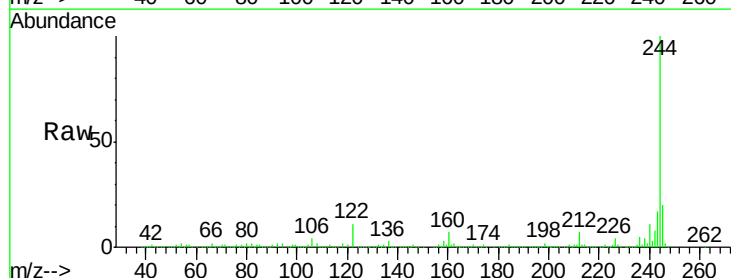
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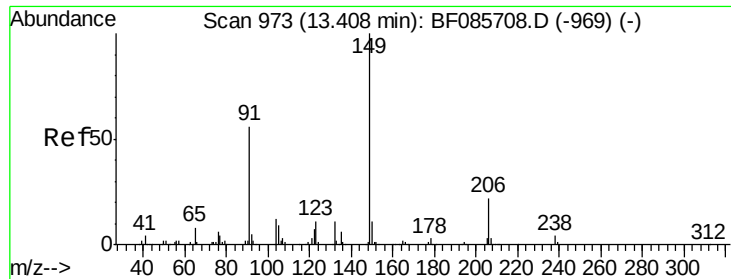
Sohil
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#78
 Terphenyl-d14
 Concen: 76.81 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1089210		
212	7.3		6.1	9.1
122	11.1		10.2	15.4





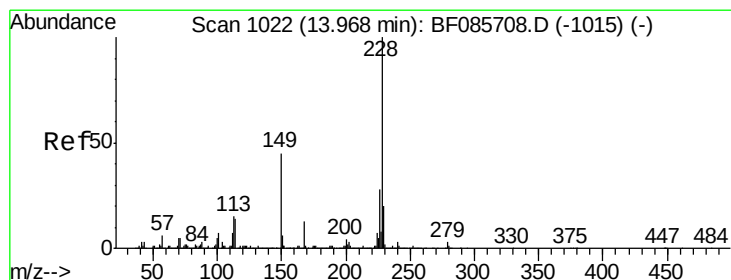
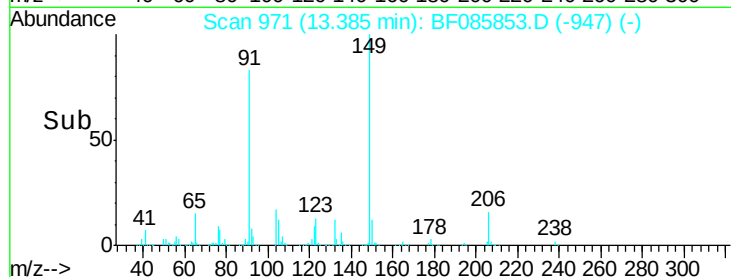
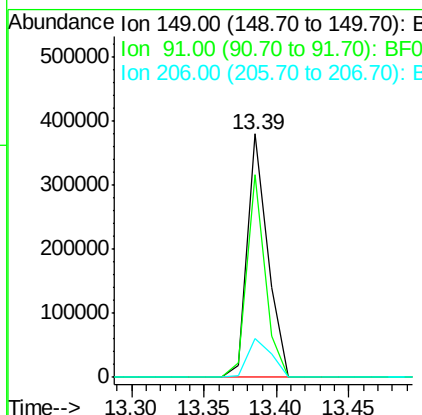
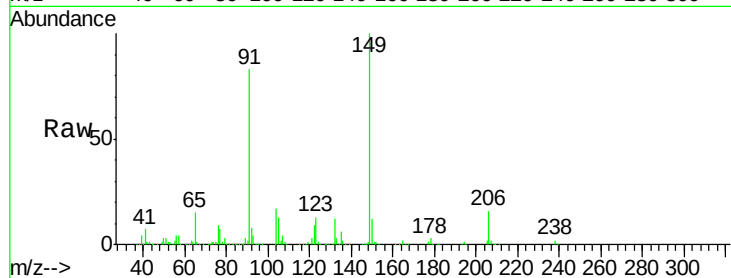
#79
Butylbenzylphthalate
Concen: 36.69 ng
RT: 13.39 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	83.0	45.8	68.8#
206	15.7	17.8	26.8#

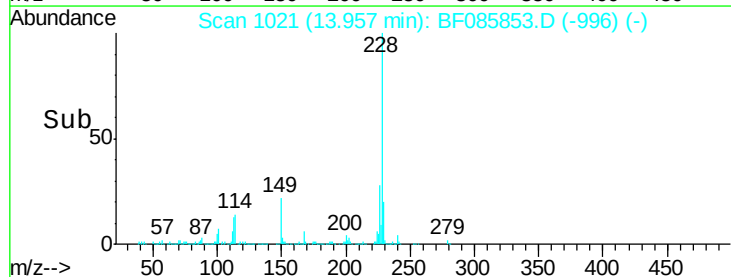
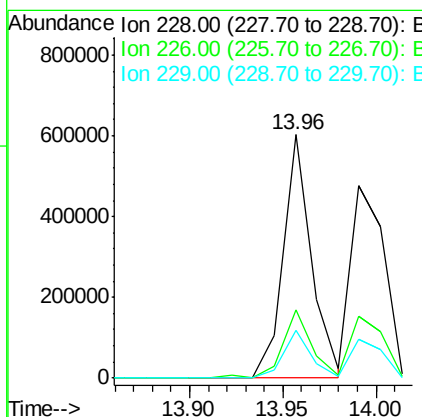
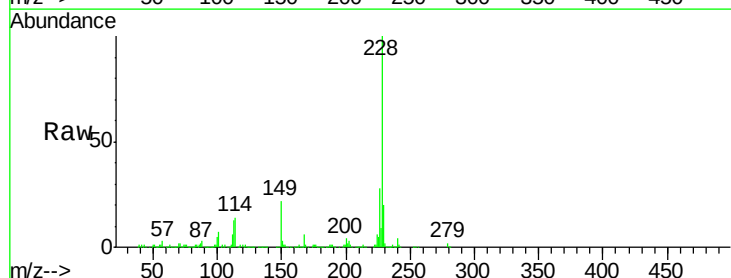
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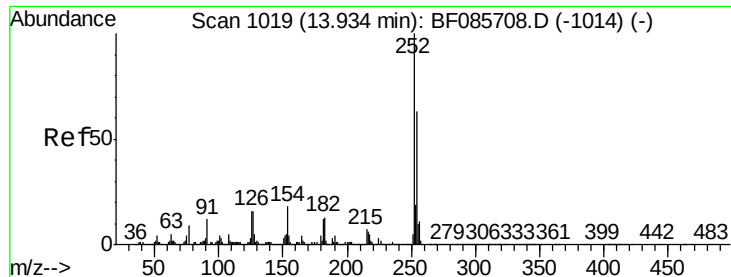
Sohil
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#80
Benzo(a)anthracene
Concen: 38.23 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.1	33.1
229	19.8	16.2	24.4





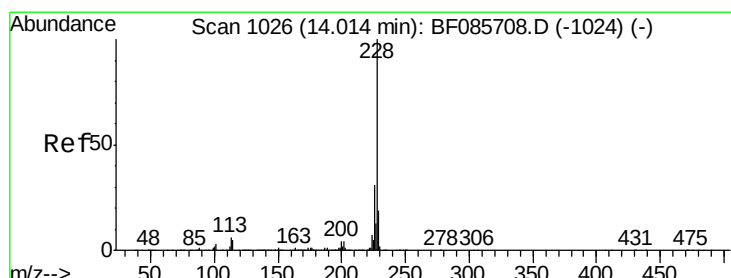
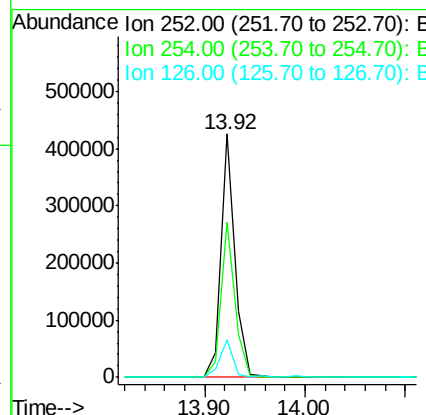
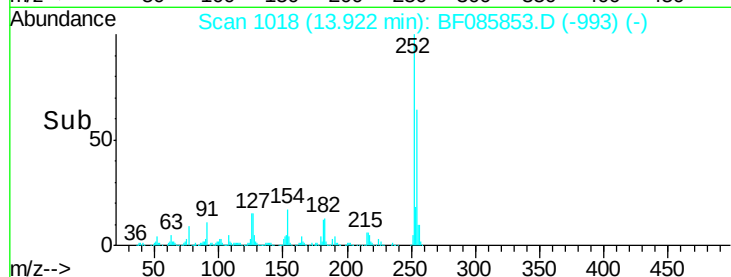
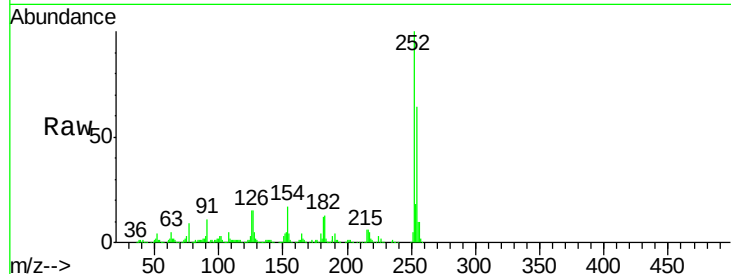
#81
 3,3'-Dichlorobenzidine
 Concen: 35.65 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	411483		
254	63.8	50.7	76.1	
126	15.3	11.8	17.6	

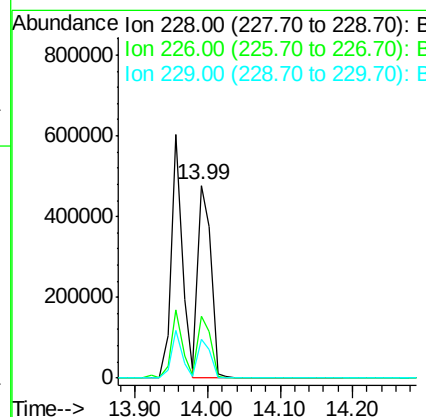
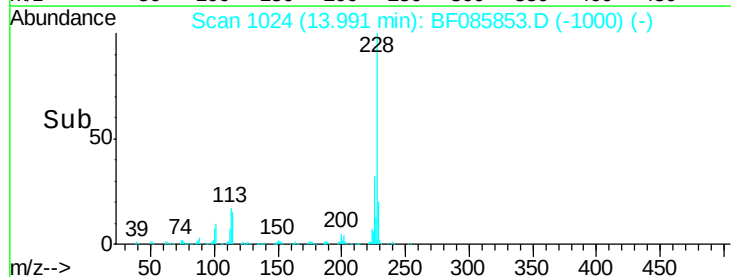
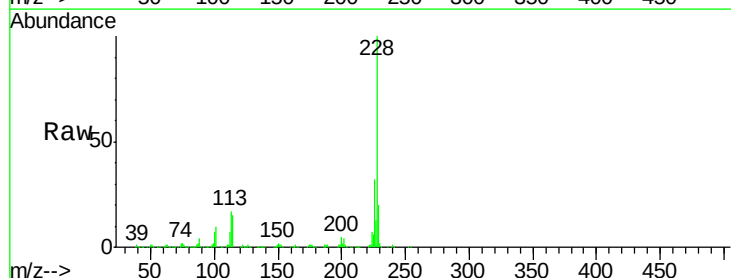
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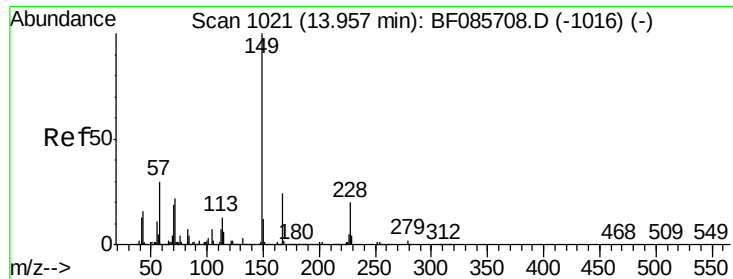
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#82
 Chrysene
 Concen: 35.74 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	598607		
226	31.9	25.0	37.6	
229	20.3	15.7	23.5	





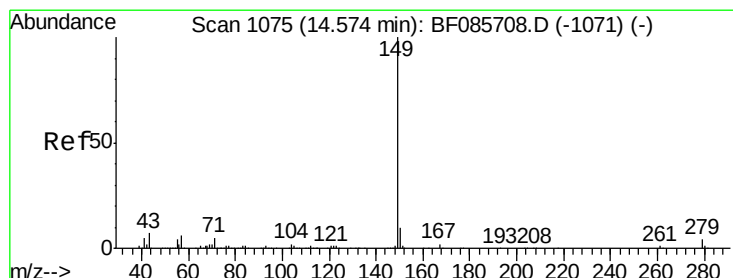
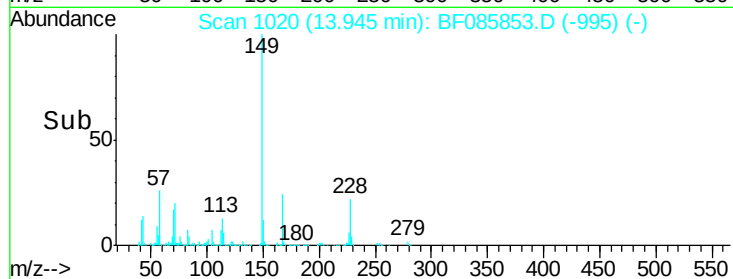
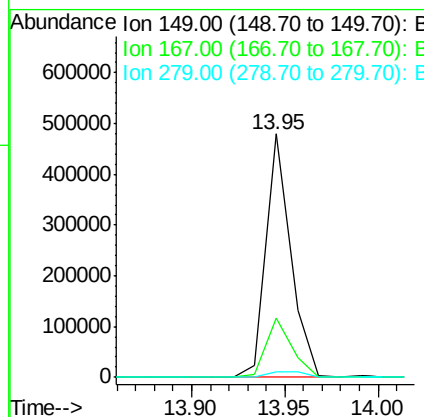
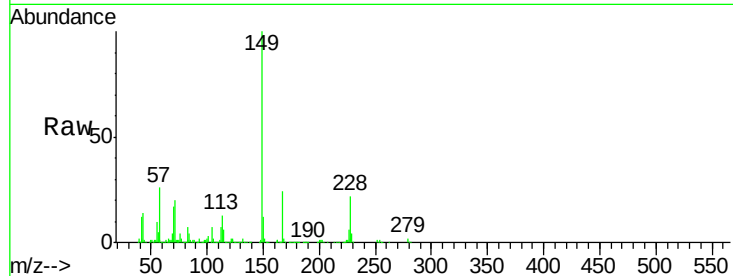
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.51 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	438929		
167	24.4	19.4	29.2	
279	2.2	1.5	2.3	

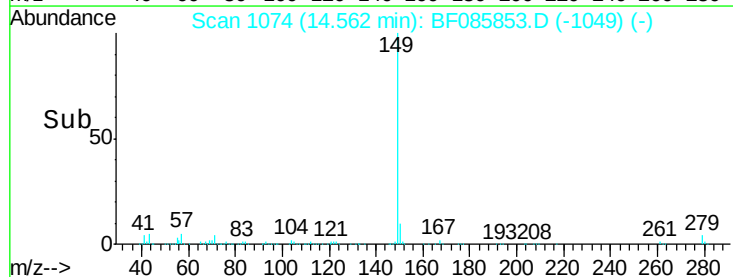
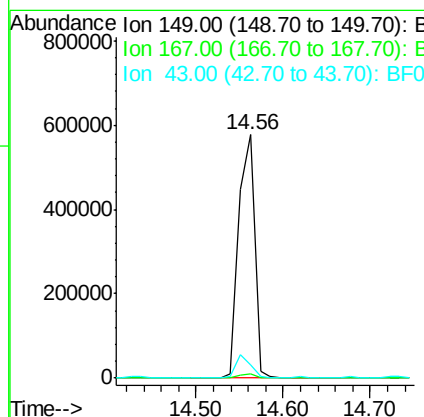
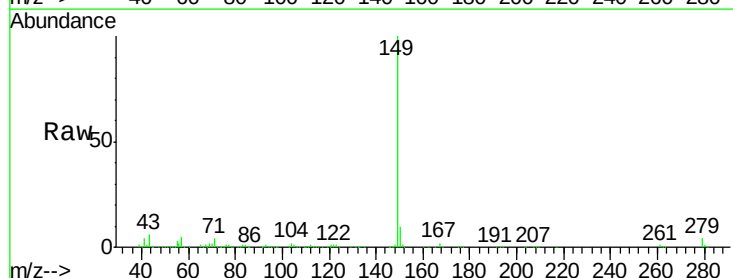
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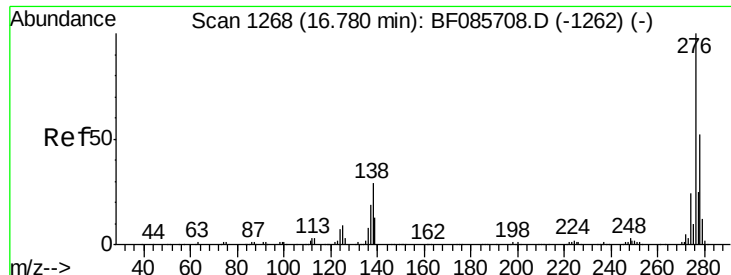
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#84
 Di-n-octyl phthalate
 Concen: 40.72 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085853.D
 Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	727833		
167	1.6	1.2	1.8	
43	8.5	7.1	10.7	





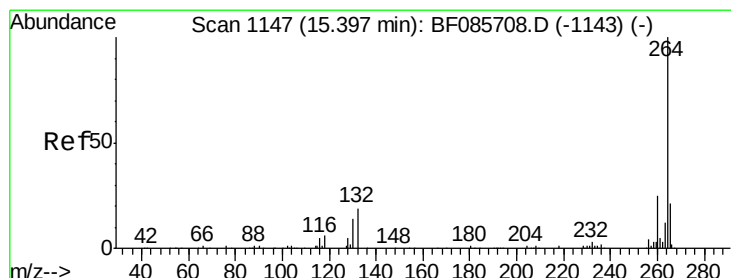
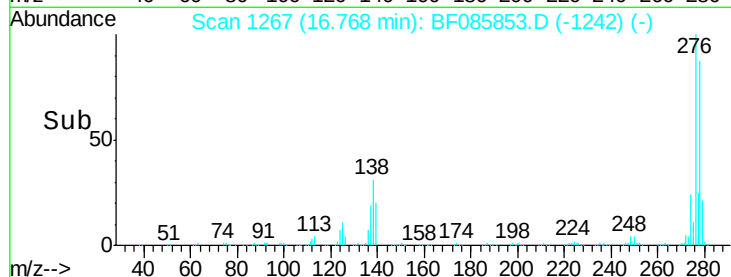
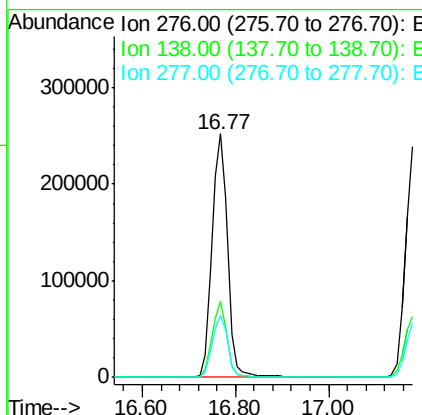
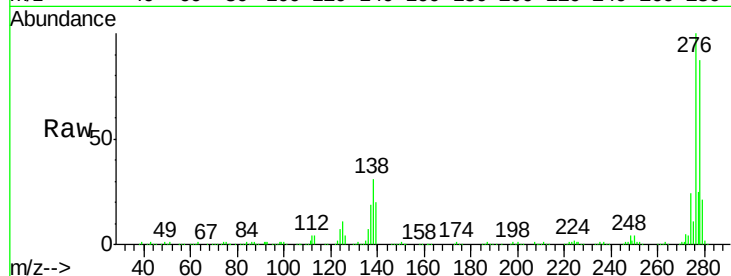
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.73 ng
RT: 16.77 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	591551		
138	30.0	24.2	36.4	
277	25.2	20.0	30.0	

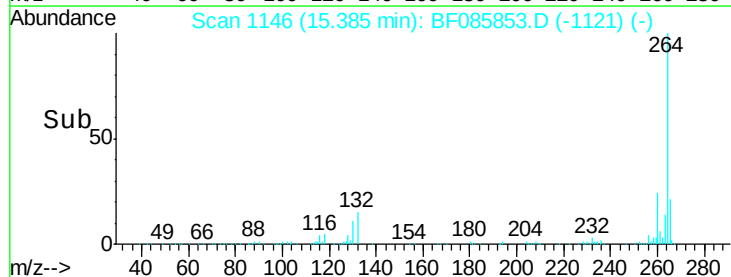
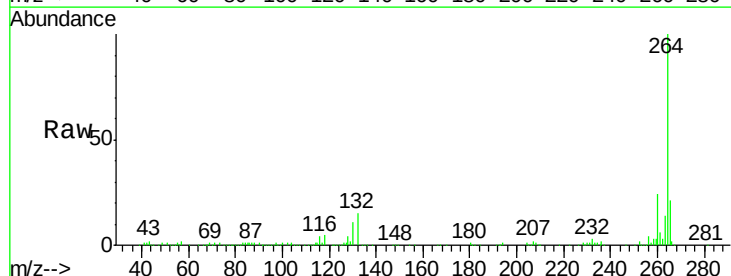
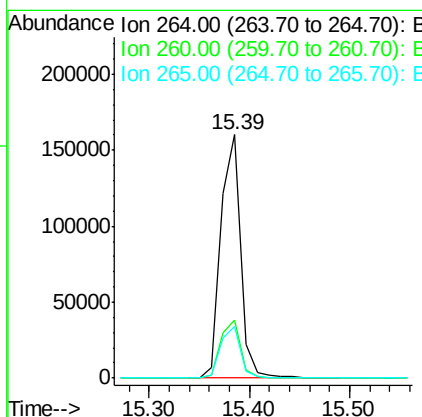
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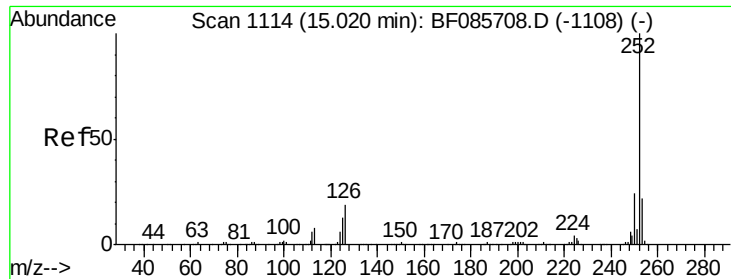
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	219454		
260	24.0	19.4	29.2	
265	21.1	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 43.06 ng m

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085853.D

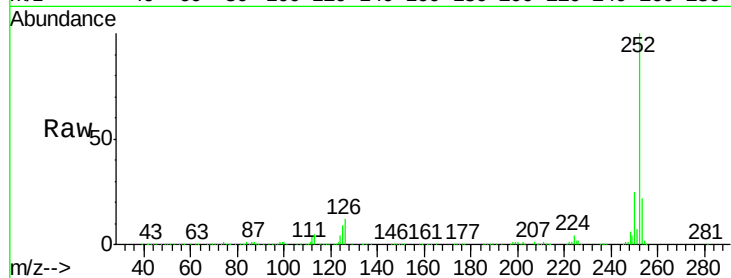
Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 252 Resp: 595286

Ion Ratio Lower Upper

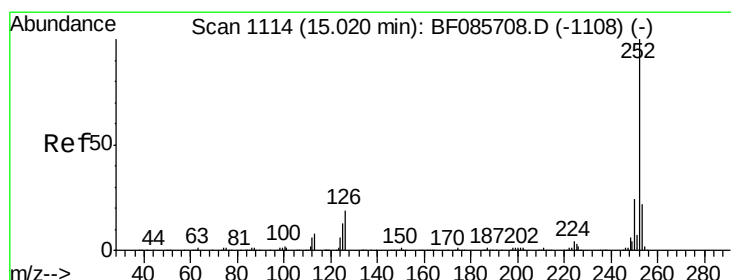
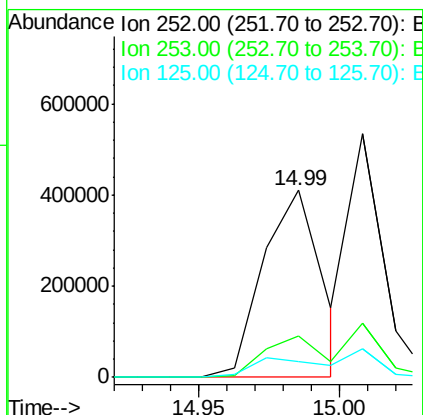
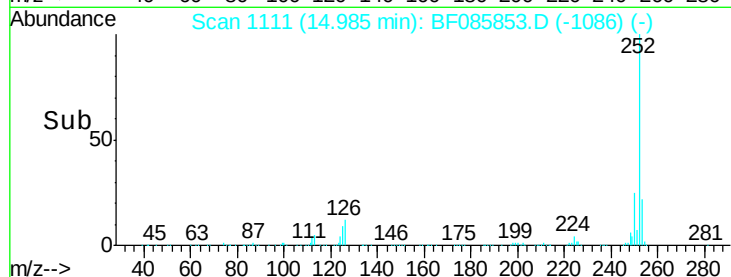
252 100

253 21.9 17.6 26.4

125 8.5 10.3 15.5#

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#88

Benzo(k)fluoranthene

Concen: 36.15 ng m

RT: 15.01 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

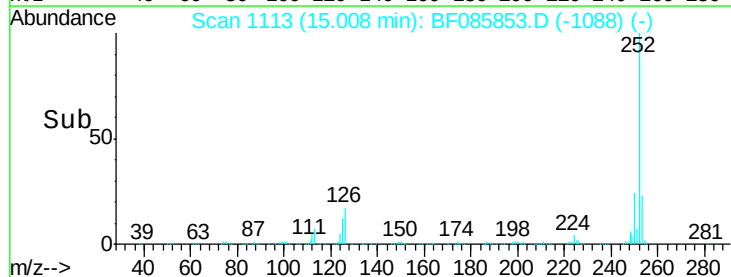
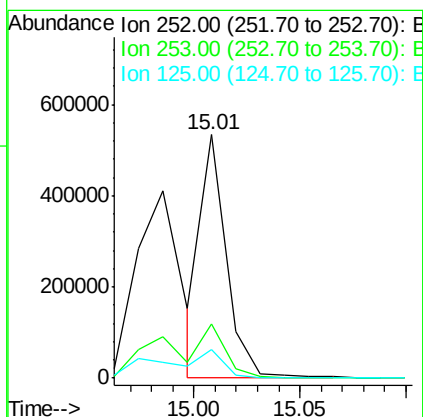
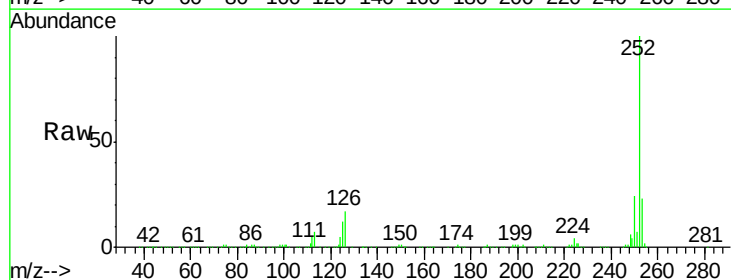
Tgt Ion: 252 Resp: 450507

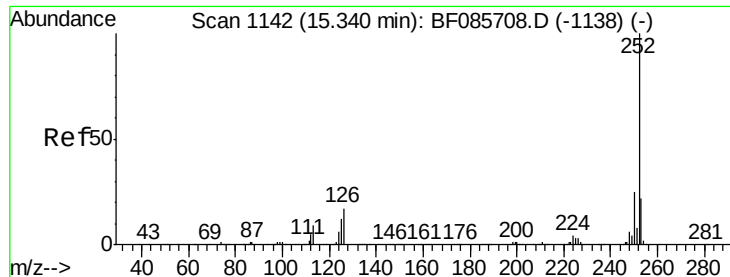
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 11.7 7.7 11.5#





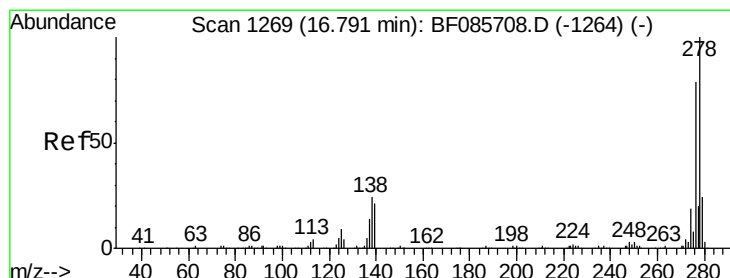
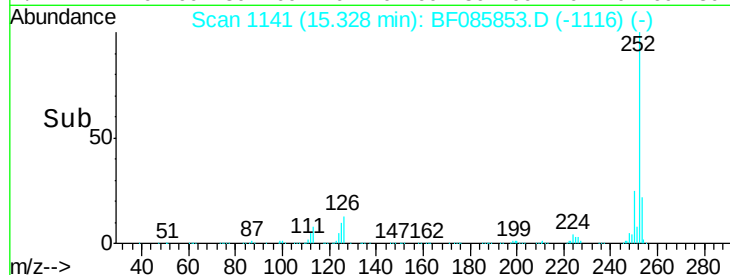
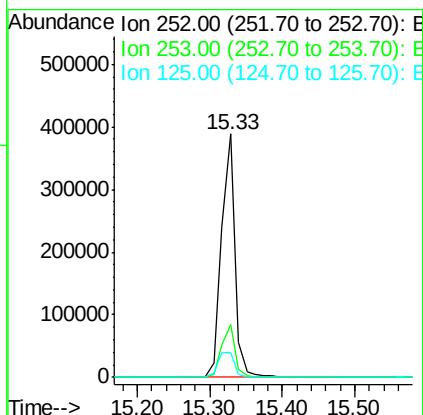
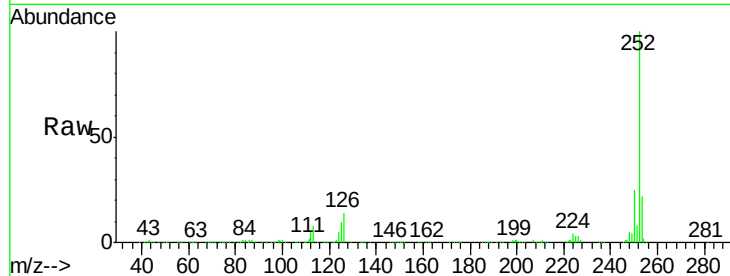
#89
Benzo(a)pyrene
Concen: 40.70 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.2	10.3	15.5#

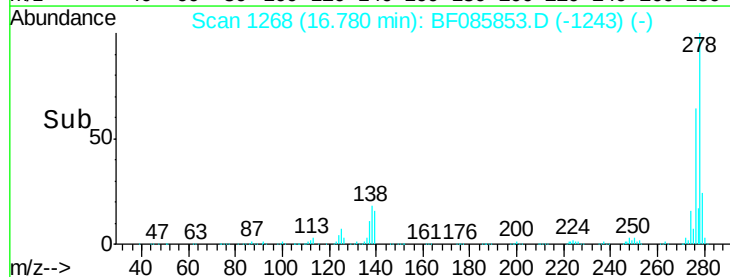
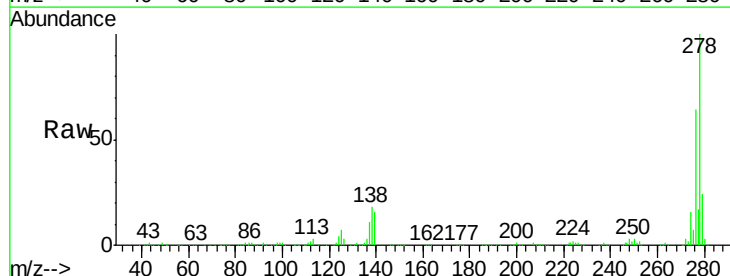
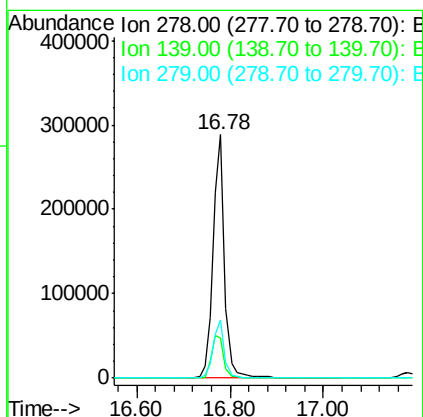
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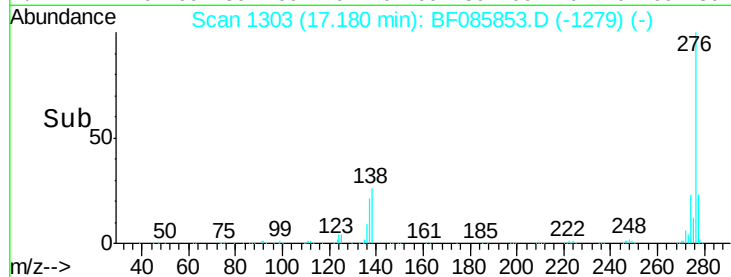
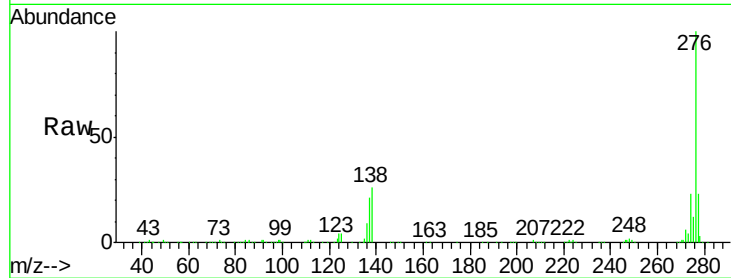
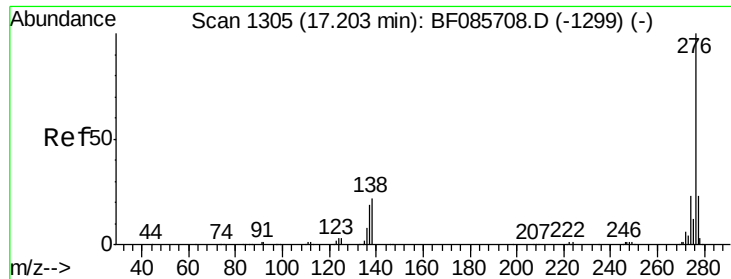
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.74 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF085853.D
Acq: 29 Mar 2016 17:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.4	21.6
279	23.8	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 44.13 ng

RT: 17.18 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF085853.D

Acq: 29 Mar 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	276	Resp:	509620
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.8	28.2
138	26.3	22.6	34.0

Manual Integrations
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