

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086163.D
 Acq On : 8 Apr 2016 12:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:06 PM

Quant Time: Apr 08 23:30:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141260	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	594975	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	266421	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	515000	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	401320	20.00	ng	-0.03
86) Perylene-d12	15.28	264	307809	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	713574	86.35	ng	-0.05
7) Phenol-d6	6.38	99	799300	76.14	ng	-0.03
23) Nitrobenzene-d5	7.31	82	853189	84.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	206368	82.53	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	1183043	73.83	ng	-0.05
78) Terphenyl-d14	12.83	244	1332384	78.04	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	160140	40.87	ng	98
3) Pyridine	2.92	79	379057	43.21	ng	100
4) n-Nitrosodimethylamine	2.88	42	168112	43.59	ng	97
6) Aniline	6.40	93	539925	39.20	ng	# 47
8) 2-Chlorophenol	6.52	128	404024	40.99	ng	94
9) Benzaldehyde	6.28	77	232877	41.23	ng	95
10) Phenol	6.40	94	468822	39.15	ng	# 64
11) bis(2-Chloroethyl)ether	6.48	93	415676	43.84	ng	99
12) 1,3-Dichlorobenzene	6.67	146	441529m	42.27	ng	
13) 1,4-Dichlorobenzene	6.75	146	434541	40.38	ng	93
14) 1,2-Dichlorobenzene	6.90	146	383577	38.72	ng	97
15) Benzyl Alcohol	6.89	79	261090	38.44	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	453982	39.19	ng	57
17) 2-Methylphenol	7.00	107	306046	39.39	ng	# 95
18) Hexachloroethane	7.24	117	163160	41.22	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	258160	39.68	ng	98
20) 3+4-Methylphenols	7.16	107	376234	39.81	ng	# 74
22) Acetophenone	7.15	105	537156	38.41	ng	# 93
24) Nitrobenzene	7.32	77	393461	35.65	ng	99
25) Isophorone	7.56	82	796944	40.02	ng	99
26) 2-Nitrophenol	7.64	139	238568	45.18	ng	99
27) 2,4-Dimethylphenol	7.69	122	373387	39.37	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	491334	42.05	ng	99
29) 2,4-Dichlorophenol	7.89	162	306592	38.23	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	349265	38.80	ng	97
31) Naphthalene	8.04	128	1181183	39.47	ng	99
32) Benzoic acid	7.85	122	226532	32.55	ng	98
33) 4-Chloroaniline	8.10	127	494538	40.91	ng	98
34) Hexachlorobutadiene	8.16	225	194626	40.22	ng	99
35) Caprolactam	8.49	113	104525	41.09	ng	100
36) 4-Chloro-3-methylphenol	8.59	107	342645	38.01	ng	98
37) 2-Methylnaphthalene	8.73	142	659049	33.71	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	344411	43.01	ng	99
40) Hexachlorocyclopentadiene	8.88	237	73841	34.80	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	215005	41.81	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	221979	42.52	nq	# 85
45) 1,1'-Biphenyl	9.20	154	892888	38.87	nq	96
46) 2-Chloronaphthalene	9.22	162	650739	39.08	nq	93
47) 2-Nitroaniline	9.32	65	191574	39.32	nq	90
48) Acenaphthylene	9.63	152	968338	36.30	nq	100
49) Dimethylphthalate	9.50	163	816785	41.36	nq	100
50) 2,6-Dinitrotoluene	9.57	165	200630	48.02	nq	# 73
51) Acenaphthene	9.80	154	573529	36.15	nq	98
52) 3-Nitroaniline	9.74	138	224711	44.63	nq	# 78
53) 2,4-Dinitrophenol	9.86	184	66646	34.21	nq	# 73
54) Dibenzofuran	9.97	168	772930	36.89	nq	98
55) 4-Nitrophenol	9.92	139	122314	41.20	nq	90
56) 2,4-Dinitrotoluene	9.97	165	192901	36.54	nq	# 39
57) Fluorene	10.32	166	642331	35.89	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	156332	40.22	nq	97
59) Diethylphthalate	10.20	149	855512	42.92	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	331214	39.73	nq	93
61) 4-Nitroaniline	10.36	138	218270	44.02	nq	91
62) Azobenzene	10.46	77	772606	40.47	nq	95
64) 4,6-Dinitro-2-methylphenol	10.38	198	107204	34.35	nq	93
65) n-Nitrosodiphenylamine	10.43	169	574983	35.70	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	202545	38.52	nq	93
67) Hexachlorobenzene	10.86	284	208273	38.31	nq	# 83
68) Atrazine	10.97	200	220753	42.42	nq	100
69) Pentachlorophenol	11.07	266	87224	34.23	nq	98
70) Phenanthrene	11.28	178	1015860	36.16	nq	99
71) Anthracene	11.33	178	1113518	37.83	nq	99
72) Carbazole	11.49	167	968868	38.30	nq	98
73) Di-n-butylphthalate	11.81	149	1113270	35.51	nq	99
74) Fluoranthene	12.46	202	1137681	38.93	nq	93
76) Benzidine	12.59	184	495371	34.99	nq	99
77) Pyrene	12.69	202	1142223	40.39	nq	99
79) Butylbenzylphthalate	13.31	149	544880	42.79	nq	92
80) Benzo(a)anthracene	13.88	228	900831	38.08	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	637211	36.88	nq	99
82) Chrysene	13.92	228	841160	36.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	694776	41.11	nq	# 93
84) Di-n-octyl phthalate	14.48	149	1111916	41.20	nq	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	678618	36.71	nq	99
87) Benzo(b)fluoranthene	14.90	252	969738m	50.08	nq	
88) Benzo(k)fluoranthene	14.92	252	576732m	33.64	nq	
89) Benzo(a)pyrene	15.23	252	706671	41.19	nq	# 97
90) Dibenzo(a,h)anthracene	16.63	278	572041	41.44	nq	98
91) Benzo(g,h,i)perylene	17.03	276	557705	41.75	nq	94

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

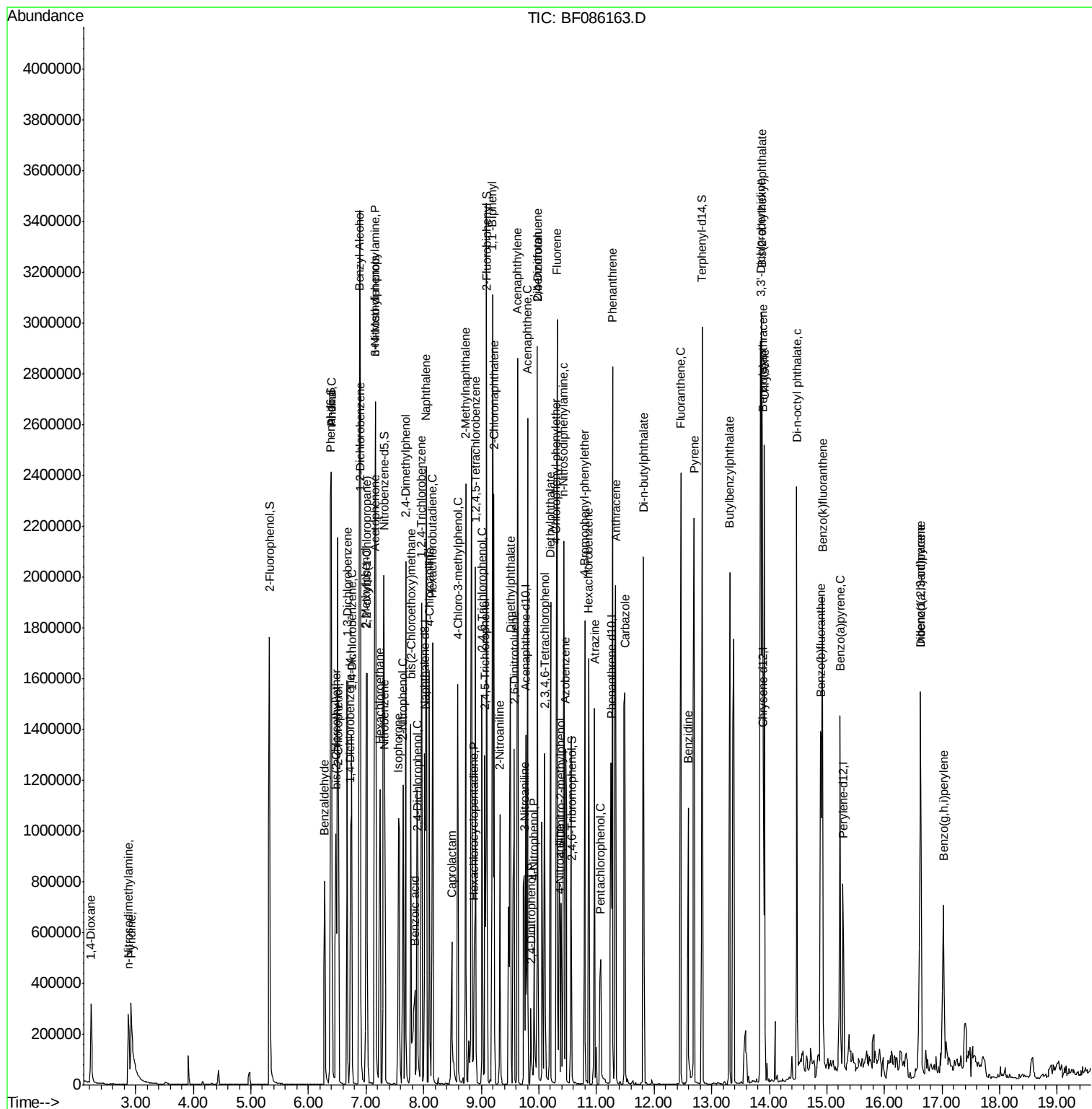
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\  
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Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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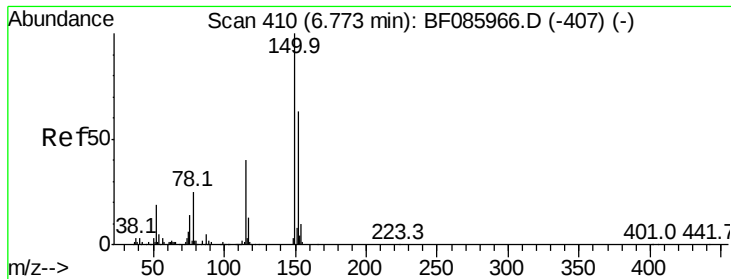
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

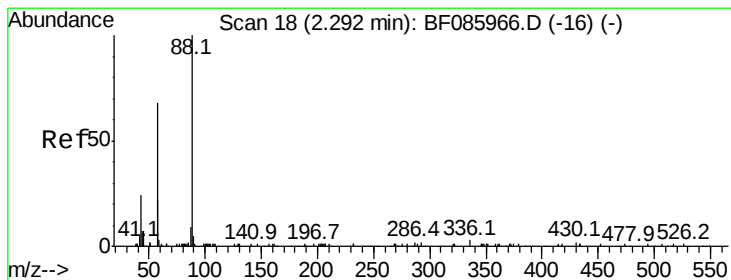
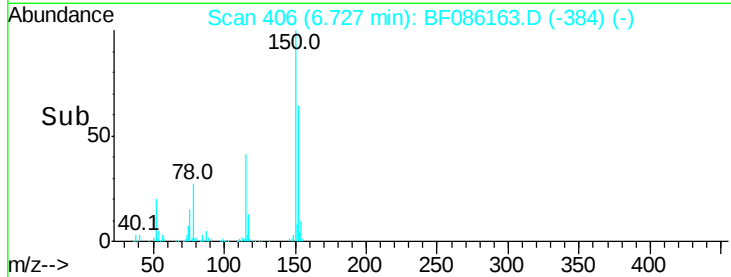
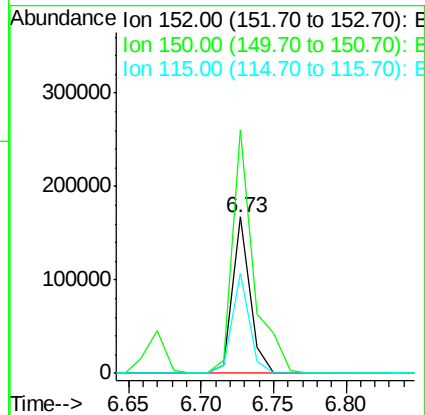
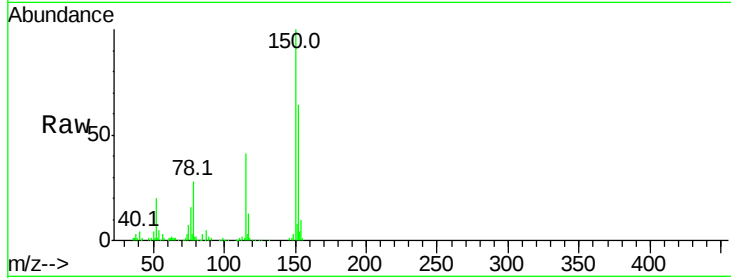
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	64.5	47.0	70.6

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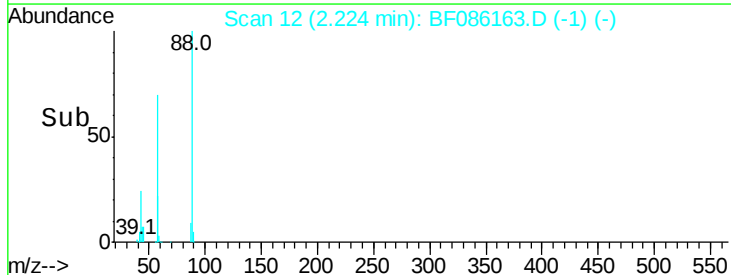
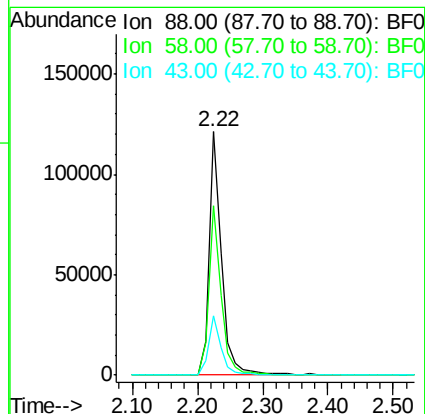
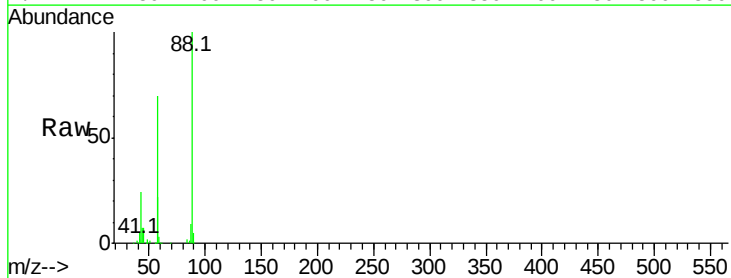
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#2

1,4-Dioxane
Concen: 40.87 ng
RT: 2.22 min Scan# 12
Delta R.T. -0.07 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	54.2	81.2
43	25.5	19.3	28.9





#3

Pvridine

Concen: 43.21 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.08 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

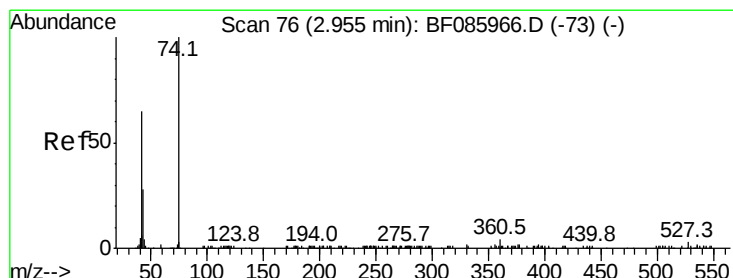
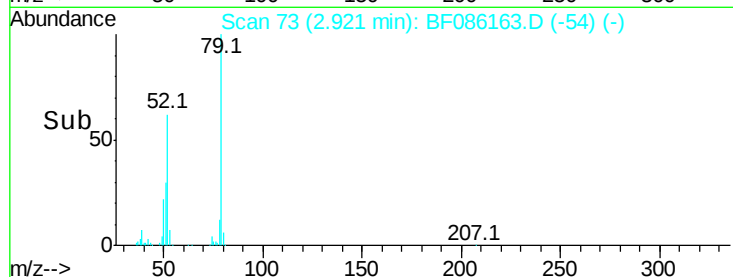
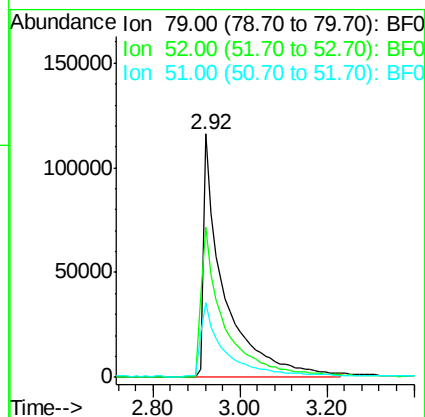
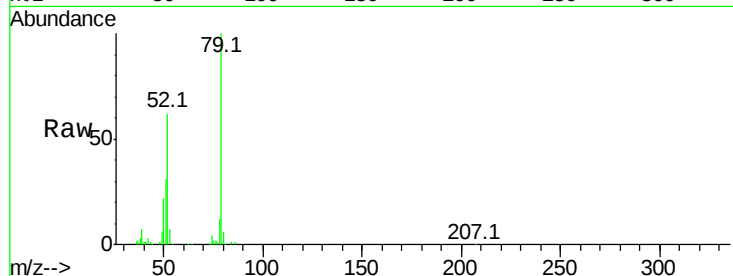
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	379057
Ion Ratio	Lower	Upper	
79	100		
52	61.9	49.8	74.6
51	30.6	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 43.59 ng

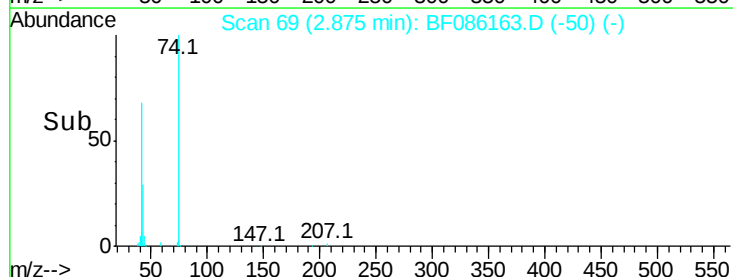
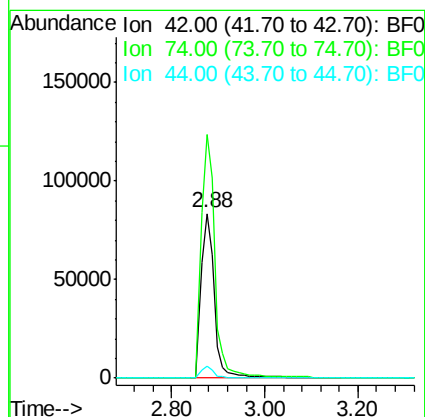
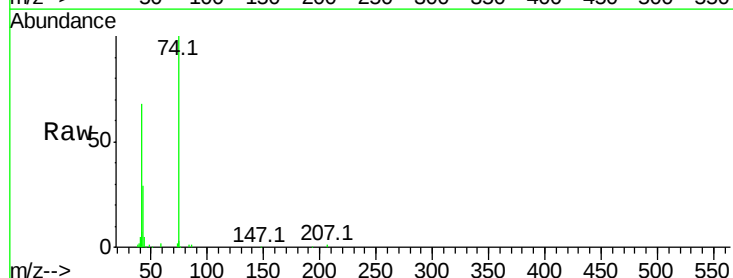
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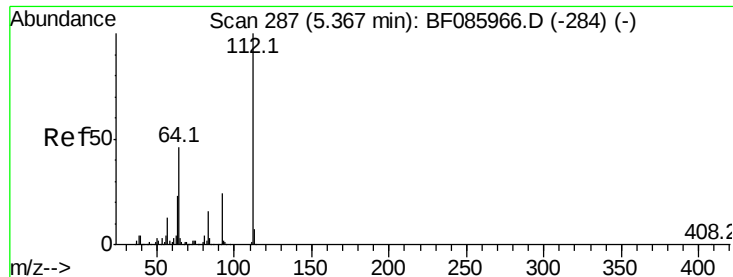
Delta R.T. -0.08 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	42	Resp:	168112
Ion Ratio	Lower	Upper	
42	100		
74	147.9	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 86.35 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

ClientSampleId :

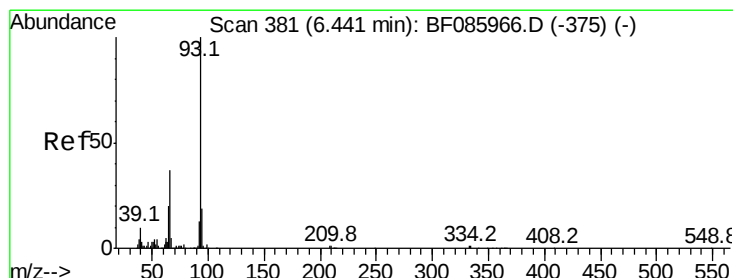
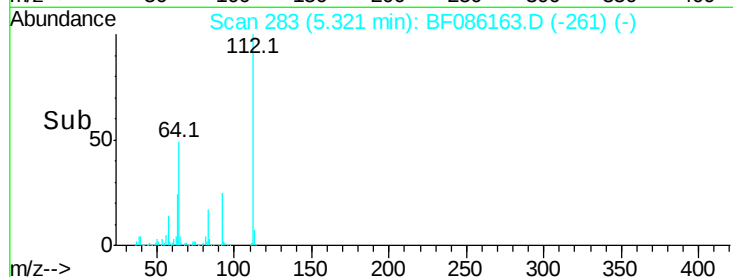
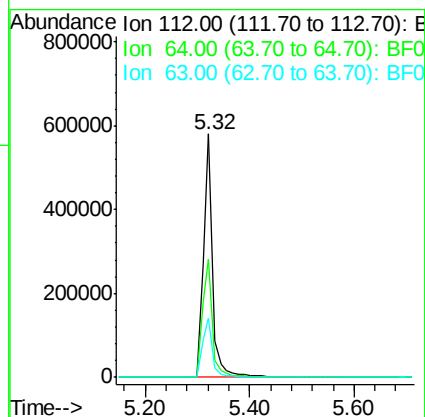
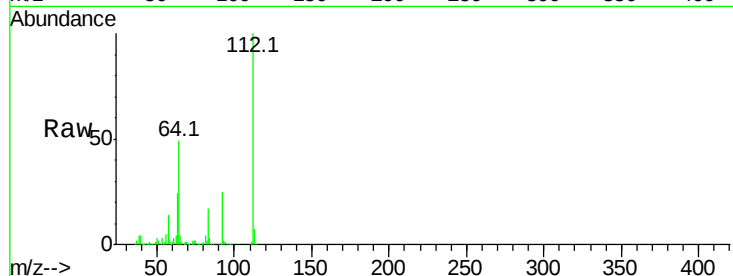
SSTDCCC040

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Tot Ion	Ion:112	Resp:	713574
Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.9	59.9
63	24.3	20.2	30.2



#6

Aniline

Concen: 39.20 ng

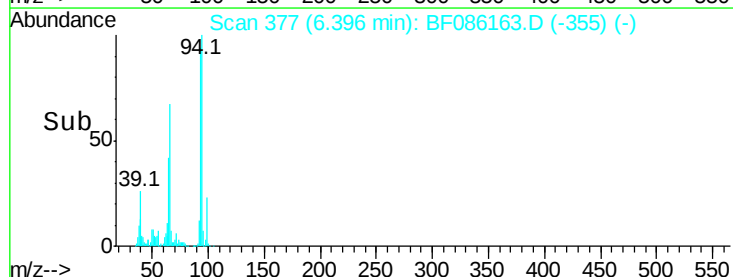
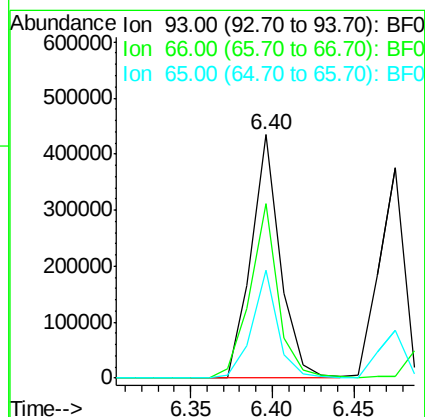
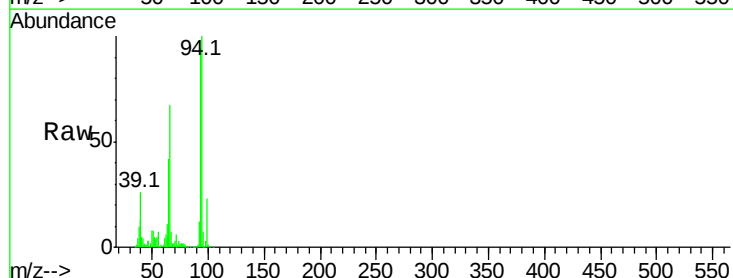
RT: 6.40 min Scan# 377

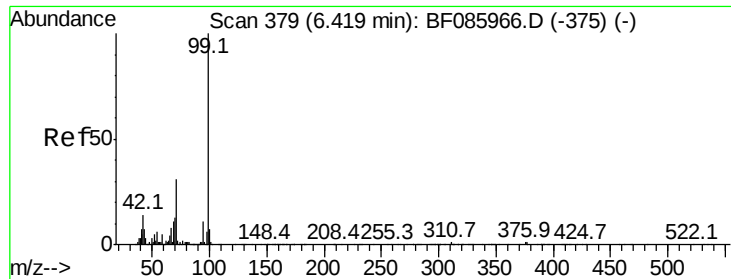
Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion	Ion: 93	Resp:	539925
Ion	Ratio	Lower	Upper
93	100		
66	71.6	31.4	47.2#
65	44.2	15.7	23.5#





#7

Phenol-d6

Concen: 76.14 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

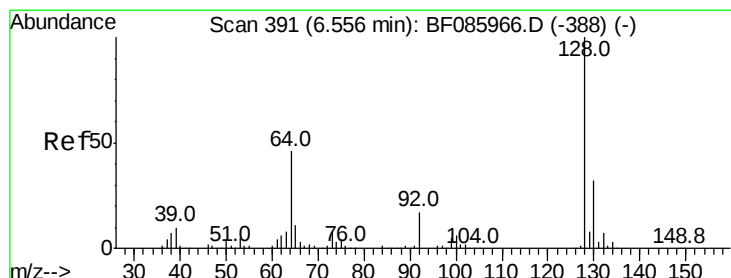
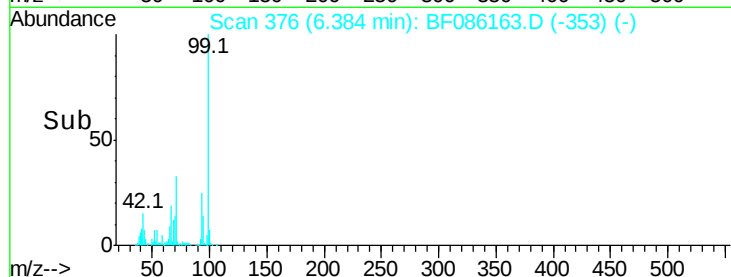
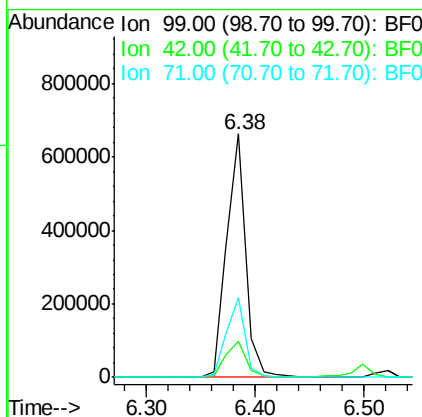
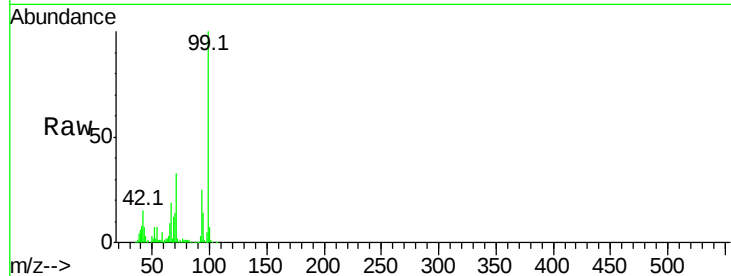
ClientSampleId :

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Tot Ion:	99	Resp:	799300
Ion Ratio	Lower	Upper	
99	100		
42	15.1	11.1	16.7
71	32.6	24.9	37.3

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#8

2-Chlorophenol

Concen: 40.99 ng

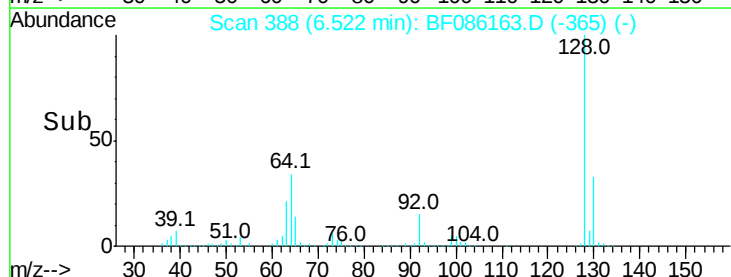
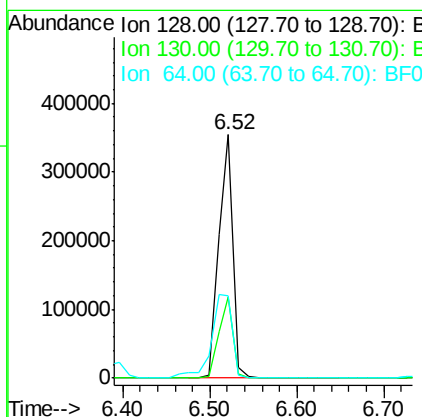
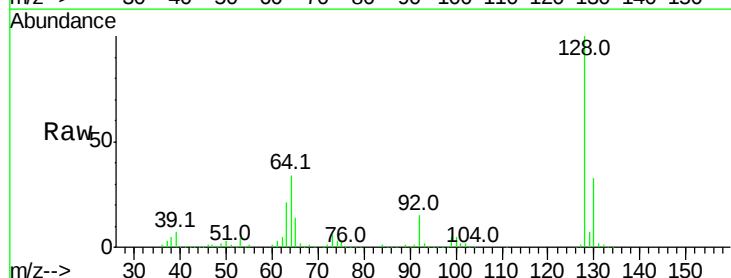
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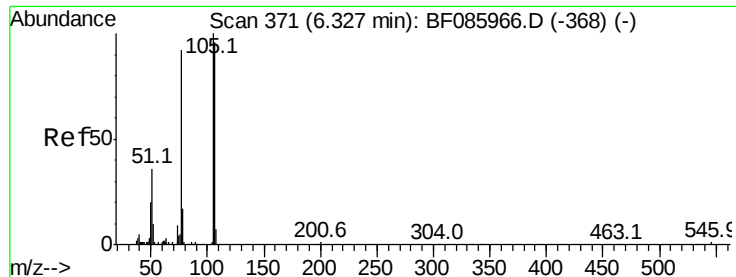
Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	128	Resp:	404024
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	33.9	20.2	60.2





#9

Benzaldehyde

Concen: 41.23 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

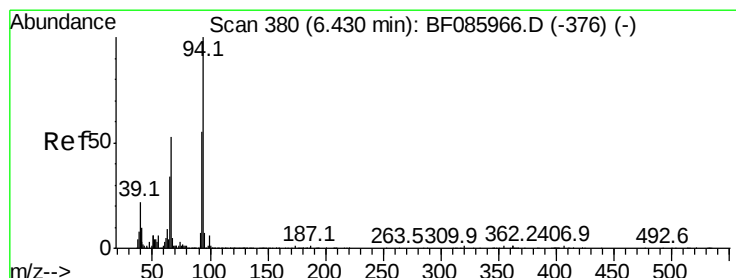
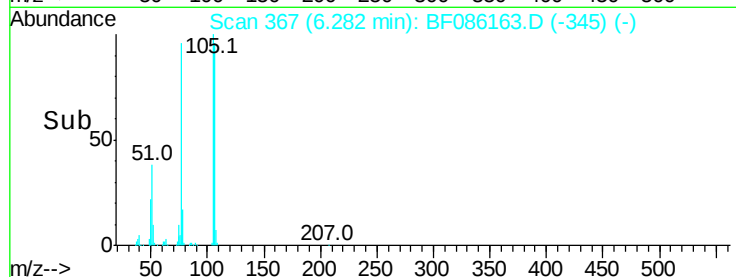
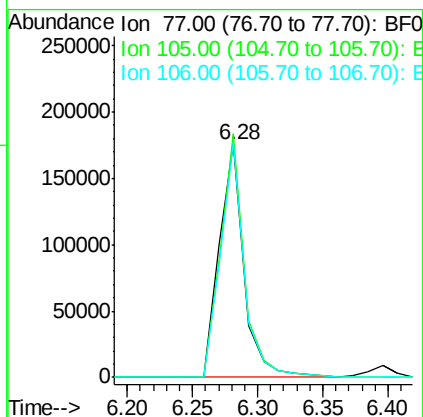
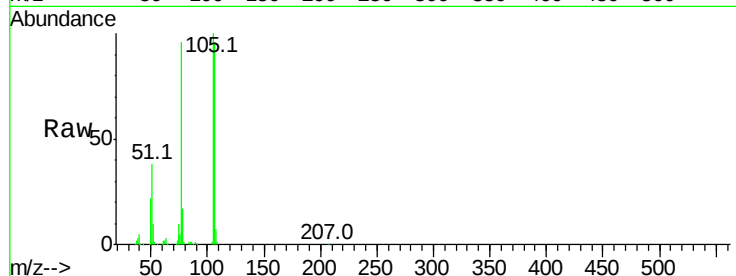
ClientSampleId :

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Tot Ion:	77	Resp:	232877
Ion	Ratio	Lower	Upper
77	100		
105	104.6	80.1	120.1
106	100.7	75.0	115.0

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#10

Phenol

Concen: 39.15 ng

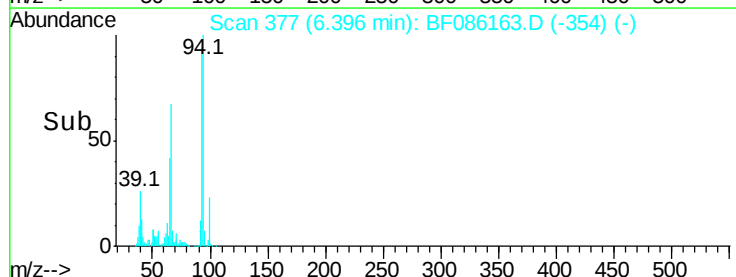
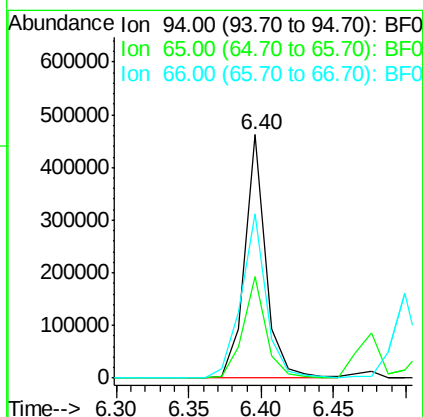
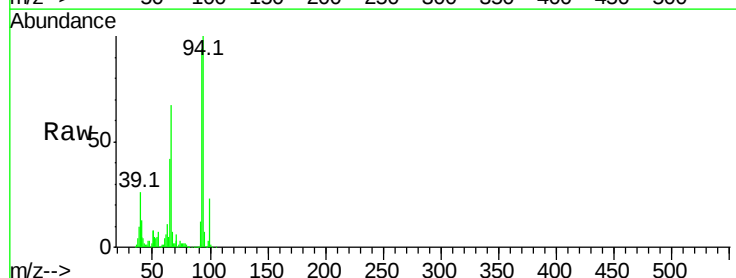
RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	94	Resp:	468822
Ion	Ratio	Lower	Upper
94	100		
65	41.5	8.6	48.6
66	67.3	20.0	60.0#





#11

bis(2-Chloroethyl)ether

Concen: 43.84 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

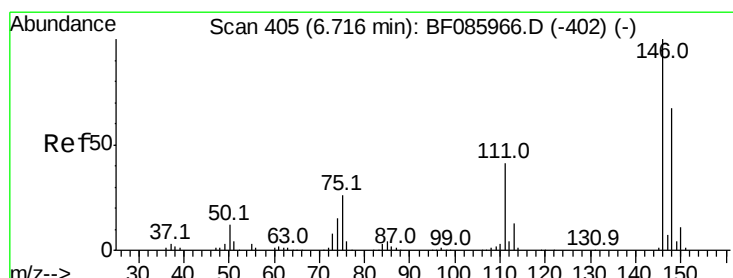
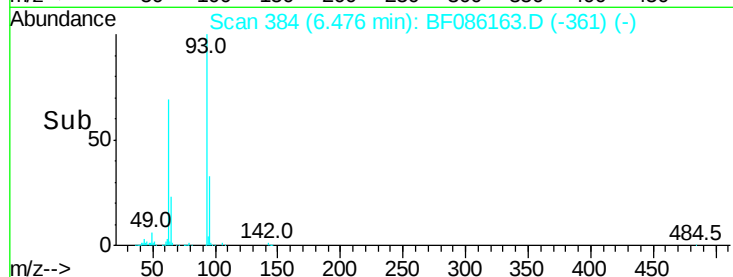
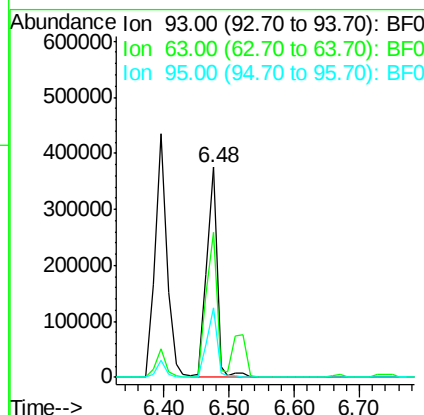
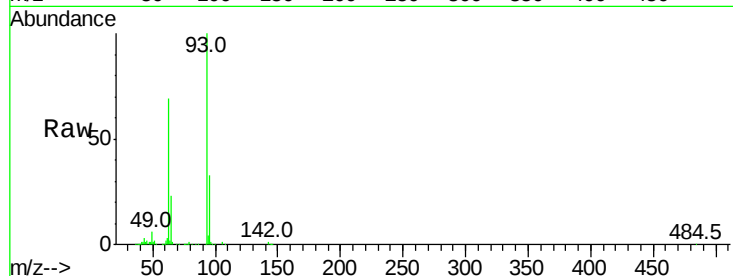
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	415676
Ion Ratio	Lower	Upper	
93	100		
63	69.3	50.9	90.9
95	33.3	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 42.27 ng m

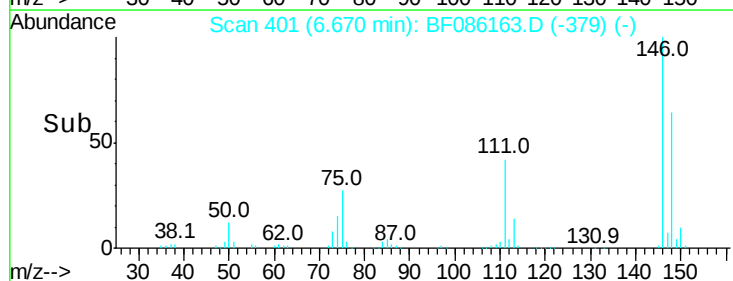
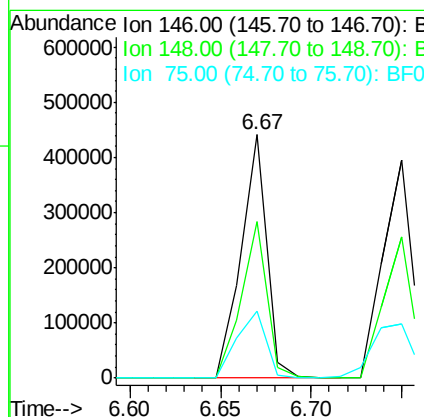
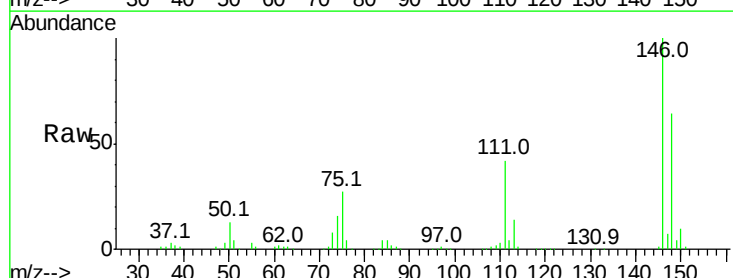
RT: 6.67 min Scan# 401

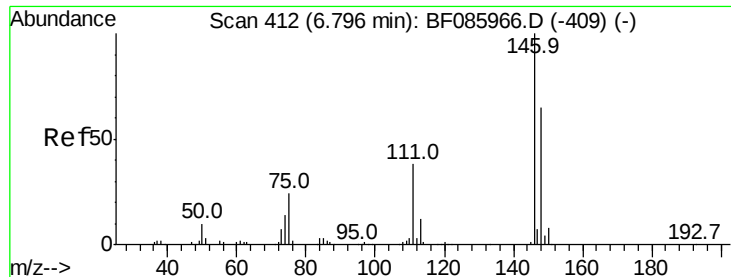
Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	146	Resp:	441529
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.3	78.5
75	27.3	17.4	26.2#





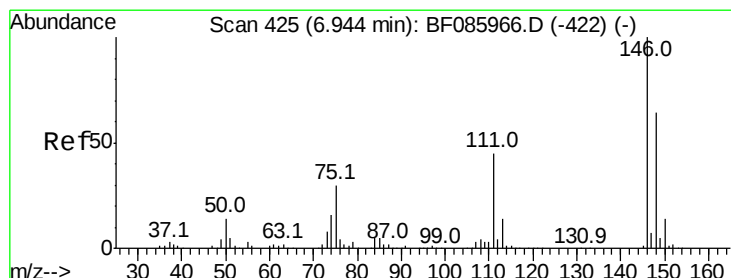
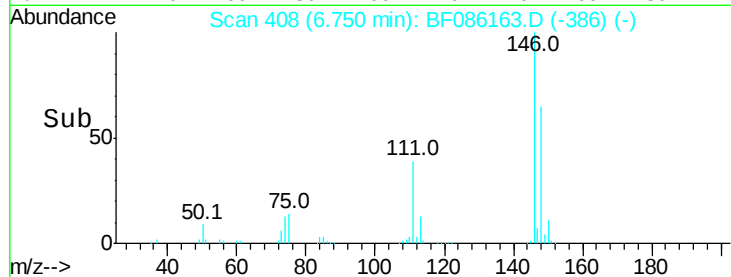
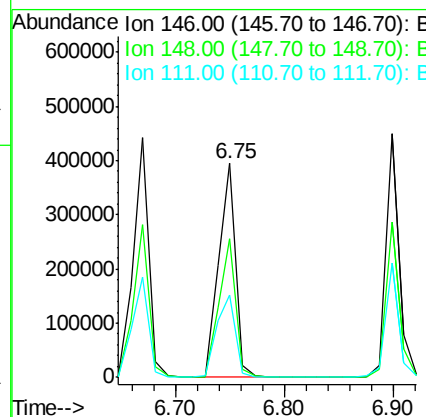
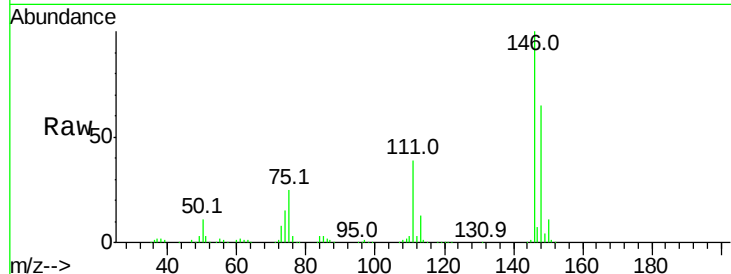
#13
 1,4-Dichlorobenzene
 Concen: 40.38 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	76.0
111	38.8	37.8	56.6

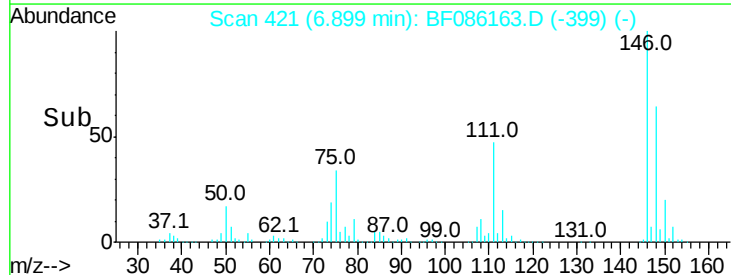
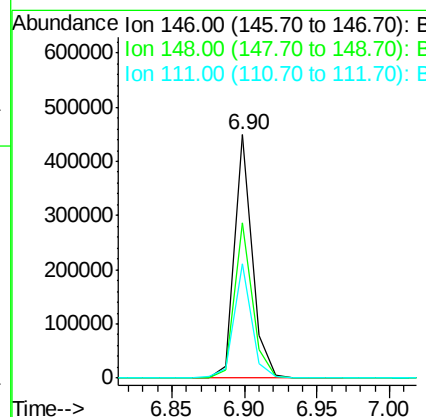
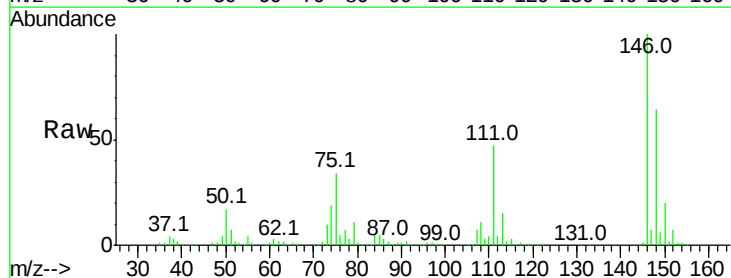
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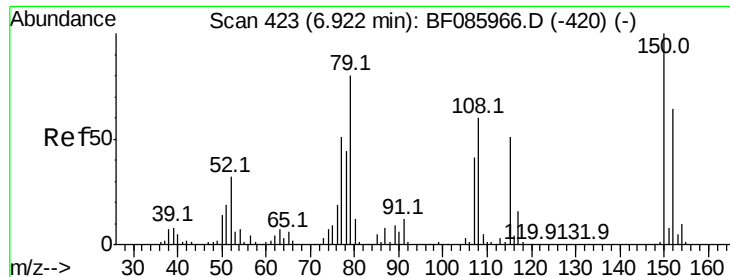
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#14
 1,2-Dichlorobenzene
 Concen: 38.72 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	47.0	34.6	52.0





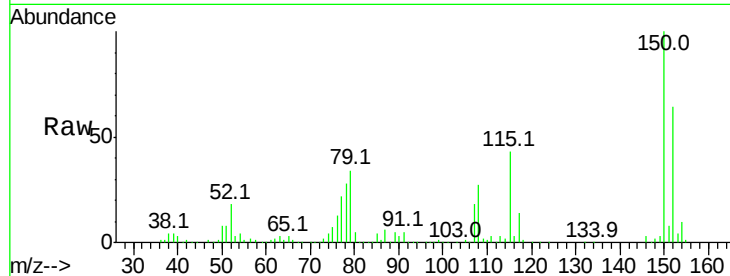
#15
Benzyl Alcohol
Concen: 38.44 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

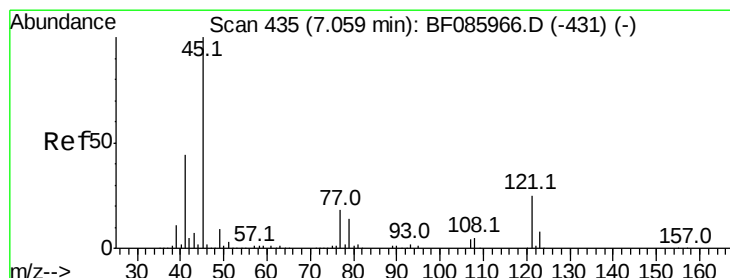
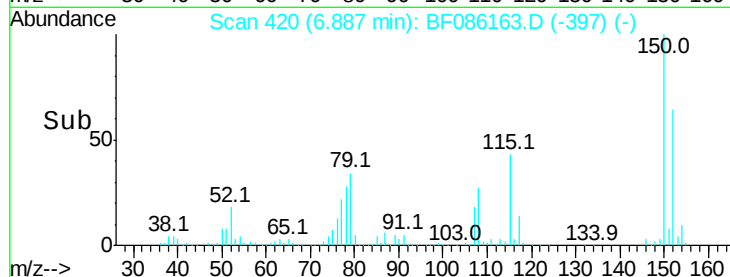
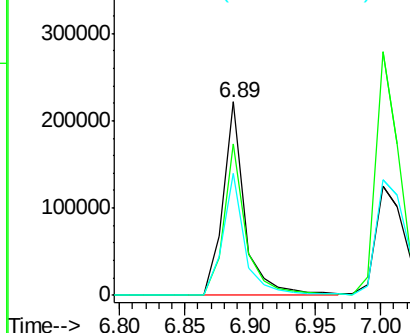
Tot Ion	Ratio	Resp	Lower	Upper
79	100	261090		
108	78.2	61.8	92.6	
77	63.0	49.6	74.4	

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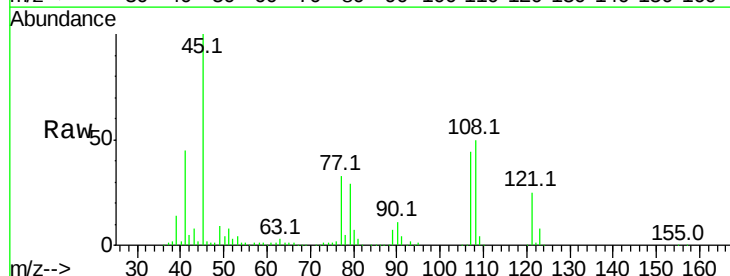


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

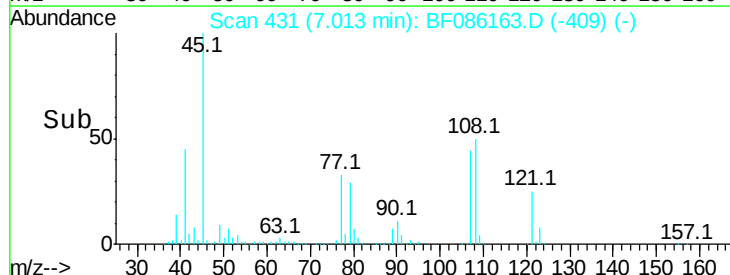
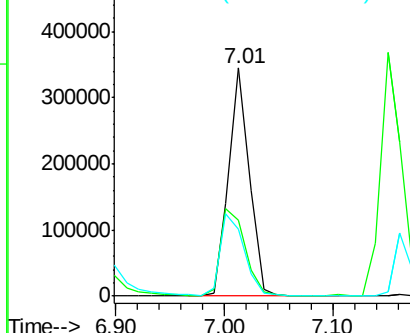


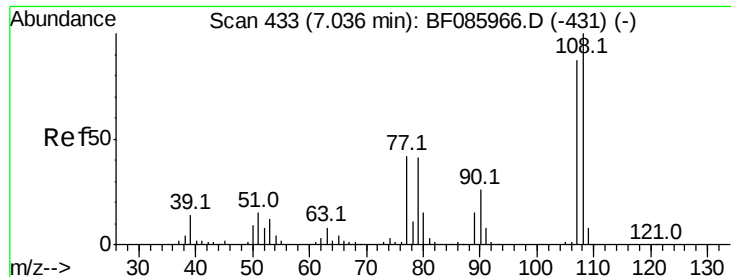
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.19 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	453982		
77	33.4	0.0	35.7	
79	29.5	0.0	32.2	



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.39 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

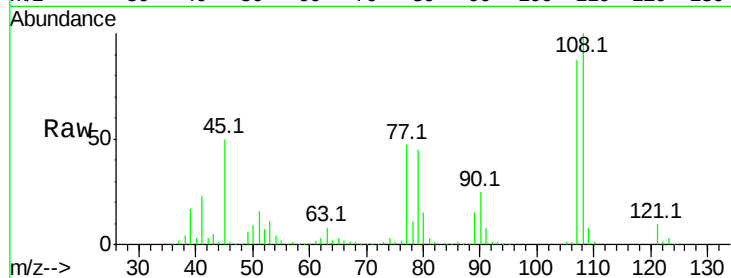
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	91.4	137.0	
77	54.3	36.2	54.2#	
79	51.3	35.8	53.8	

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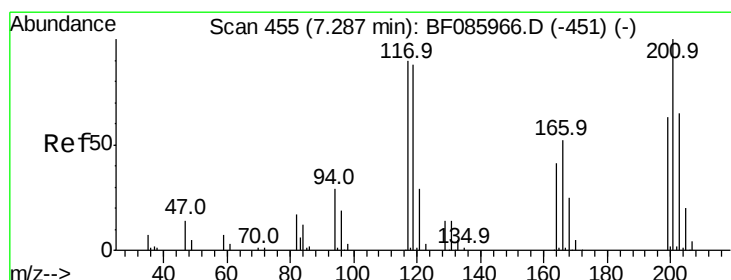
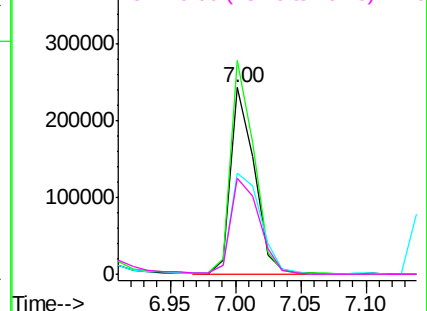
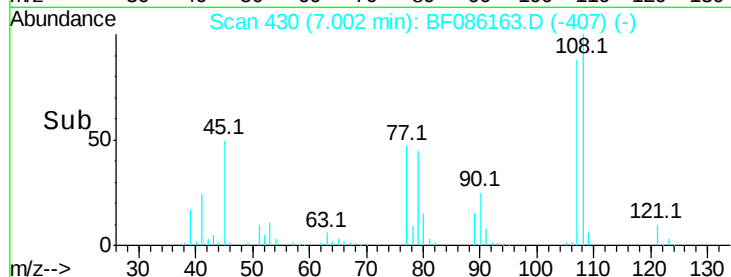
Abundance

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



#18

Hexachloroethane

Concen: 41.22 ng

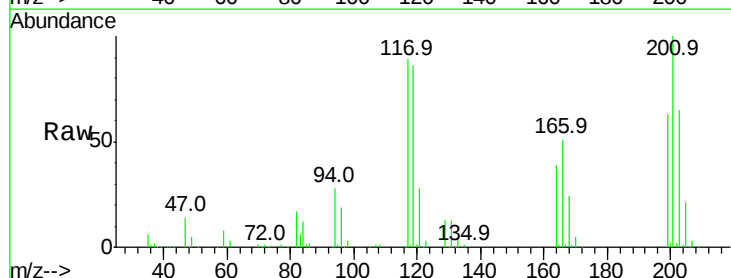
RT: 7.24 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.7	115.1	
201	112.7	83.3	124.9	

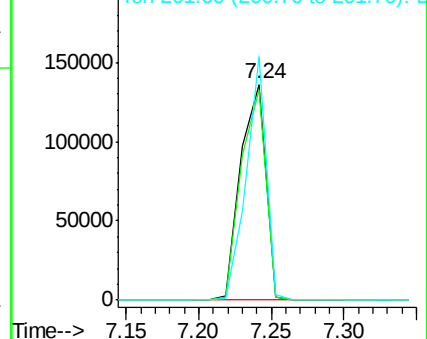
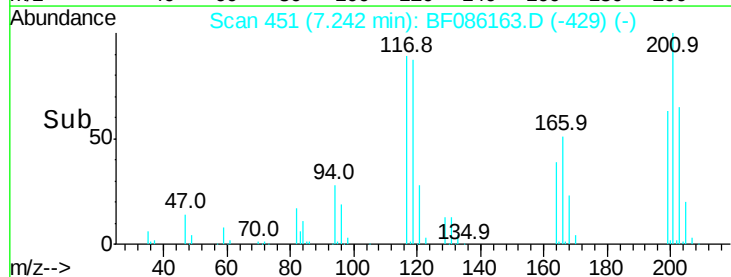


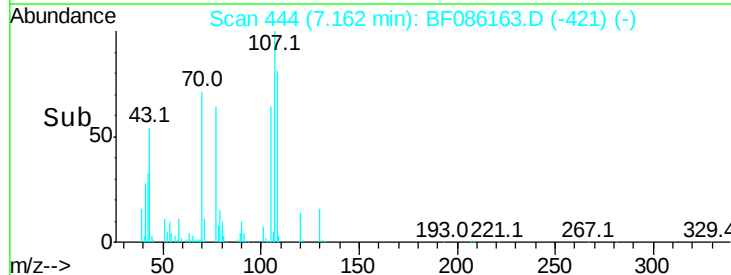
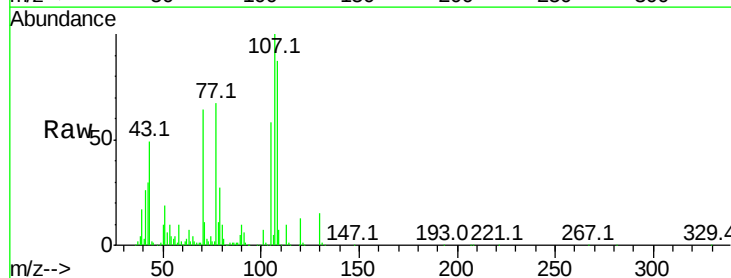
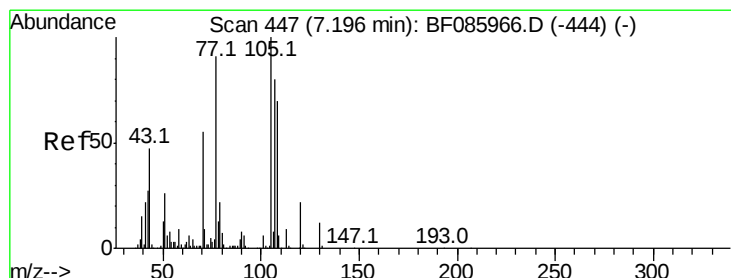
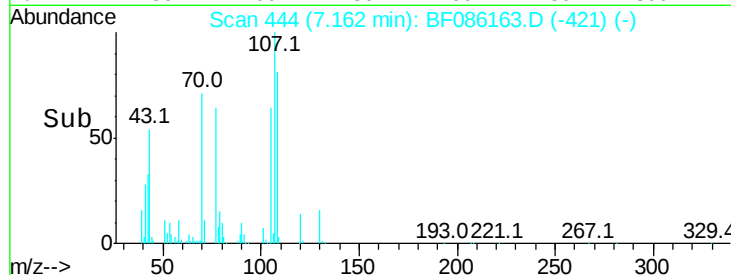
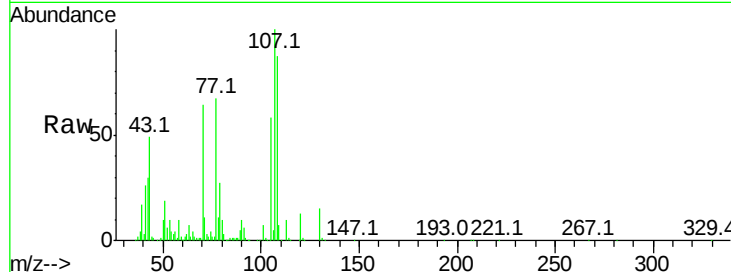
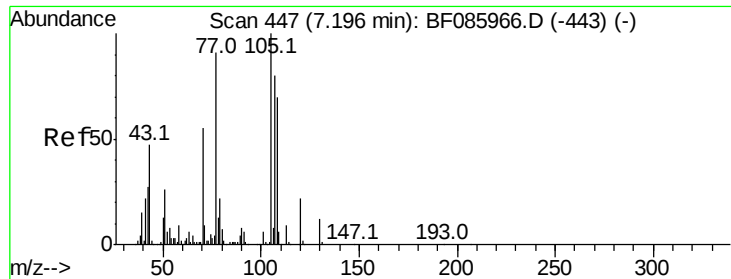
Abundance

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





#19

n-Nitroso-di-n-propylamine

Concen: 39.68 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086163.D

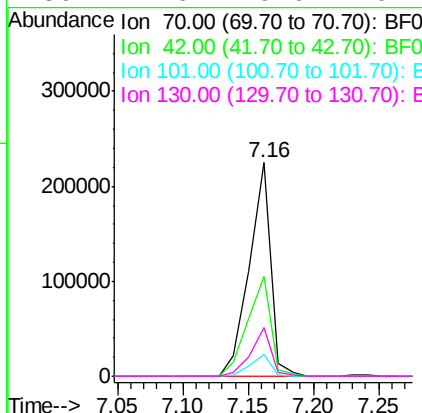
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		258160		
42	46.8	37.1	55.7		
101	10.2	8.6	12.8		
130	22.6	19.6	29.4		

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#20

3+4-Methylphenols

Concen: 39.81 ng

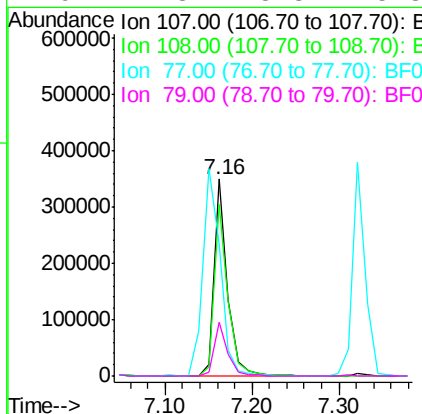
RT: 7.16 min Scan# 444

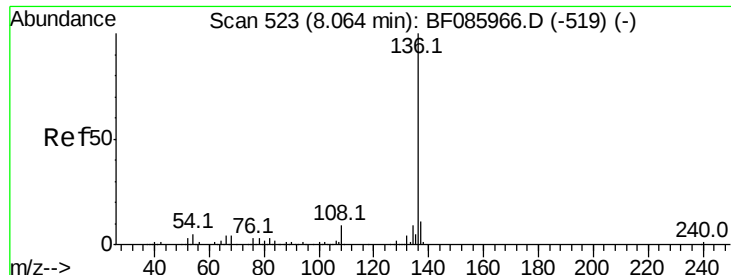
Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		376234		
108	87.5	69.3	109.3		
77	66.9	101.7	141.7		
79	27.3	8.3	48.3		





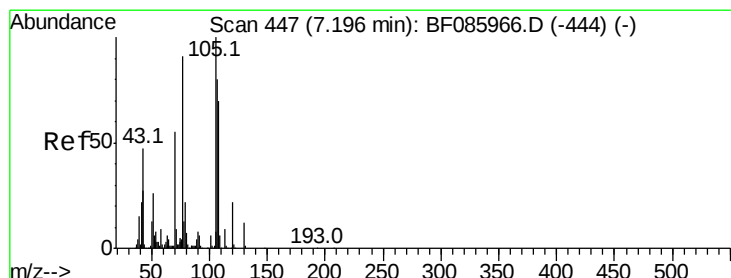
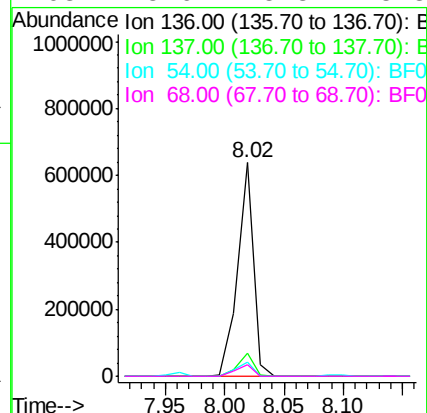
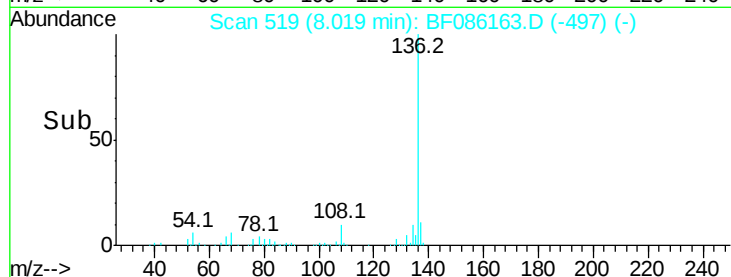
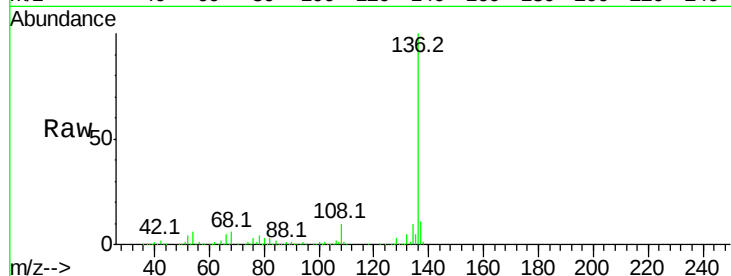
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.3	7.4	11.0#
68	5.6	5.8	8.8#

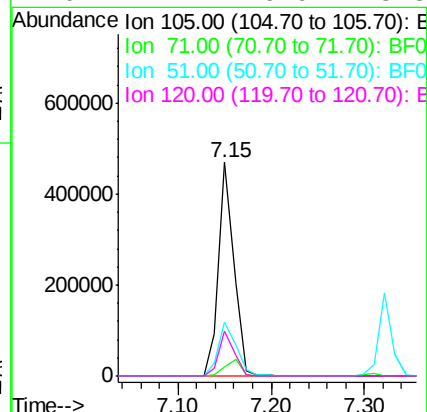
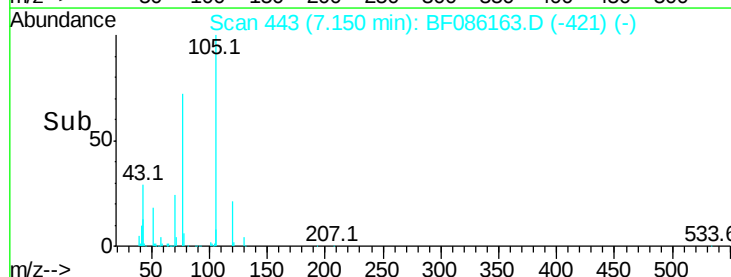
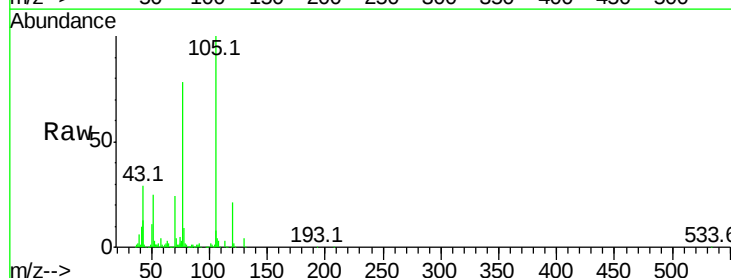
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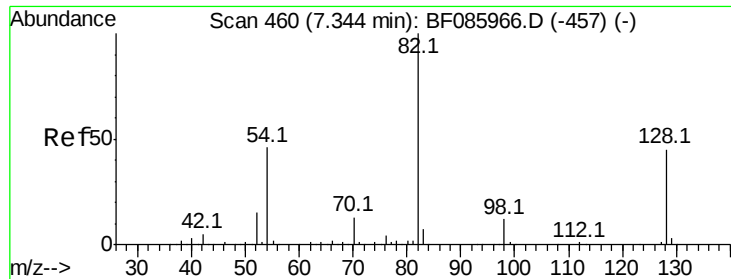
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#22
Acetophenone
Concen: 38.41 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.1	3.6	5.4
51	25.1	25.4	38.0#
120	21.1	16.9	25.3





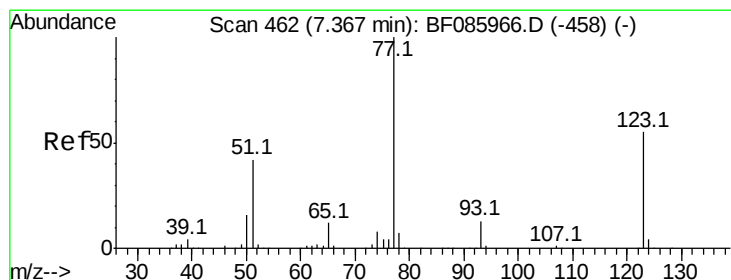
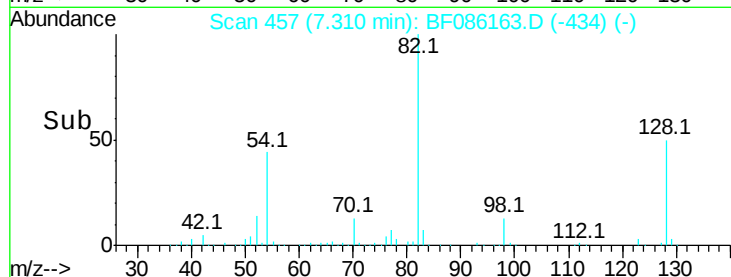
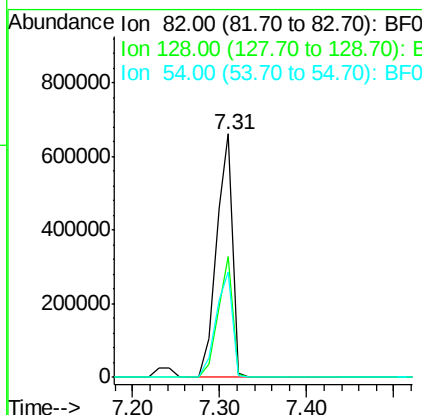
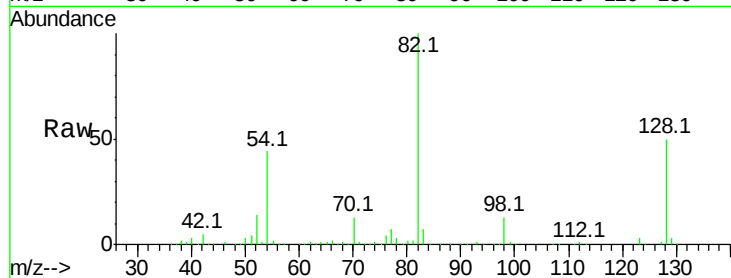
#23
 Nitrobenzene-d5
 Concen: 84.57 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.5	41.8	62.8	
54	43.5	33.4	50.0	

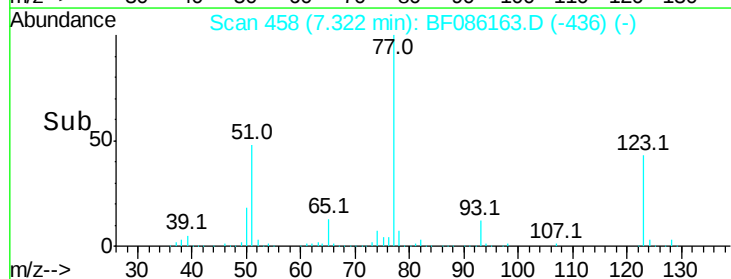
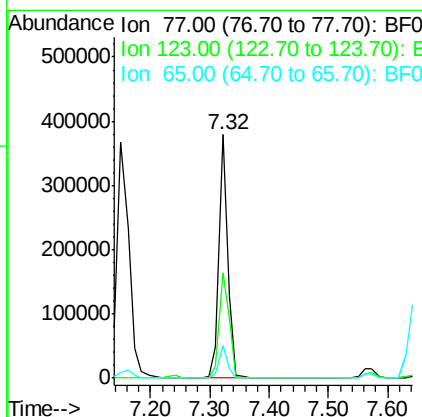
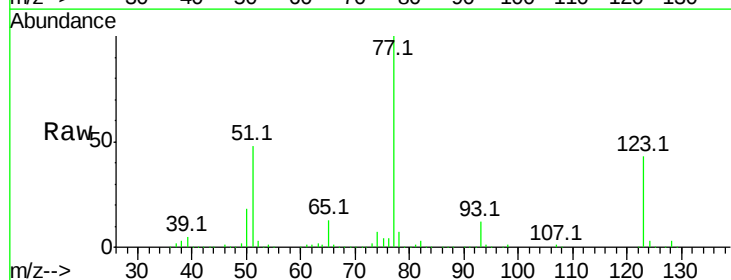
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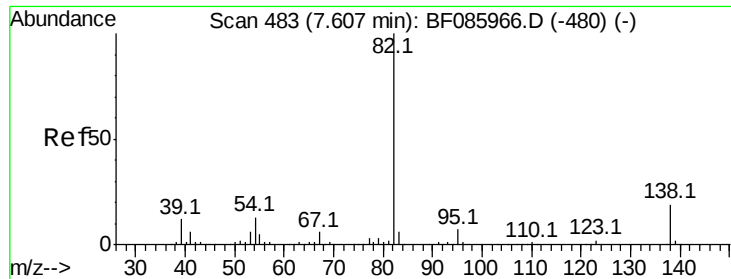
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#24
 Nitrobenzene
 Concen: 35.65 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.0	35.0	52.4	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 40.02 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

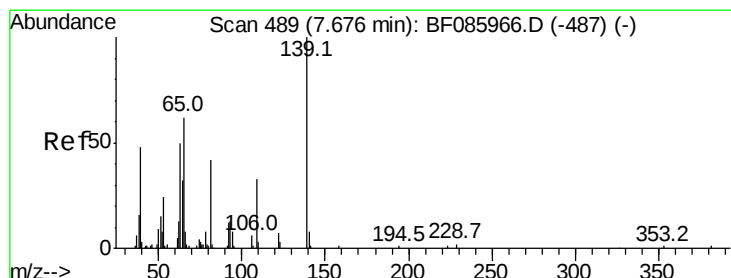
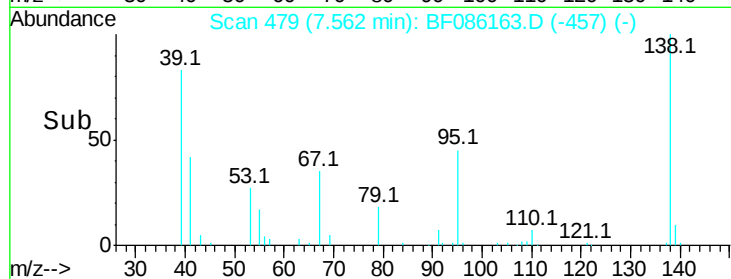
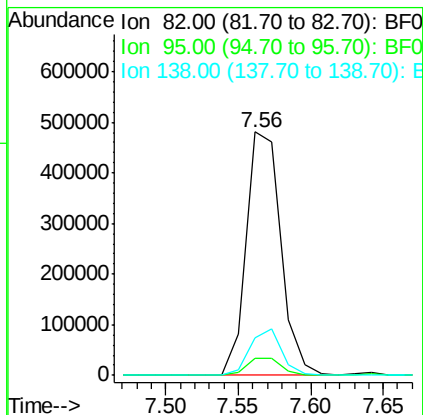
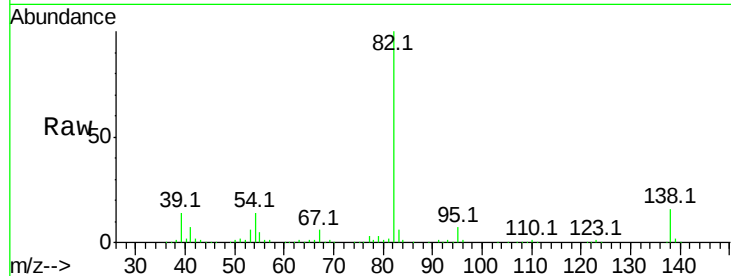
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	796944
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	15.6	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.18 ng

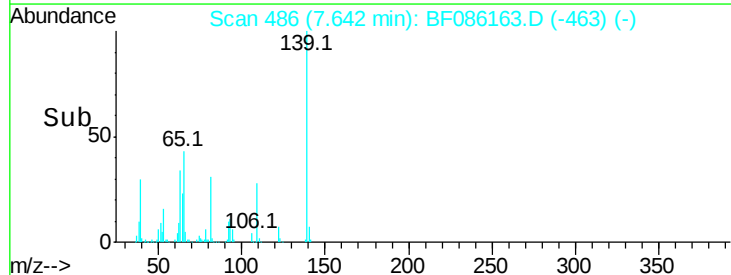
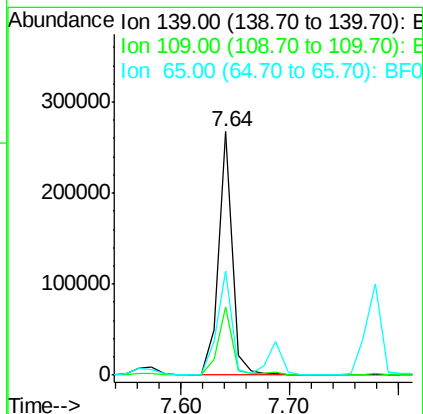
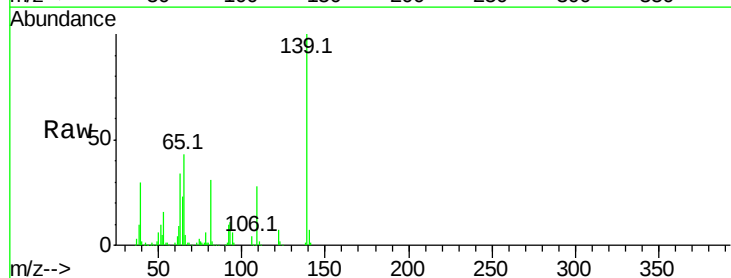
RT: 7.64 min Scan# 486

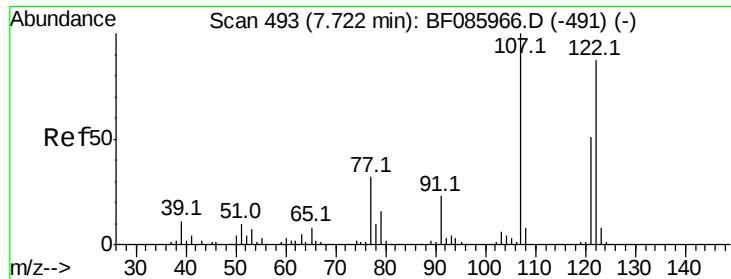
Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	139	Resp:	238568
Ion Ratio	Lower	Upper	
139	100		
109	28.2	22.1	33.1
65	43.0	33.9	50.9





#27

2,4-Dimethylphenol

Concen: 39.37 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

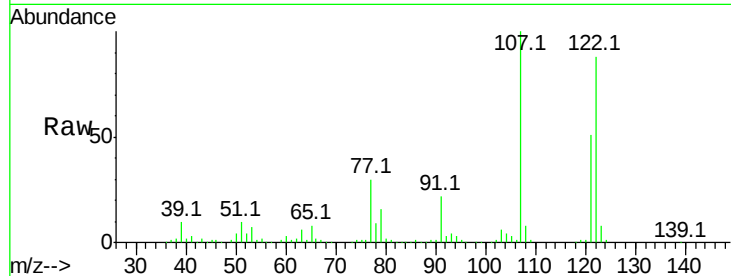
ClientSampleId :

SSTDCCC040

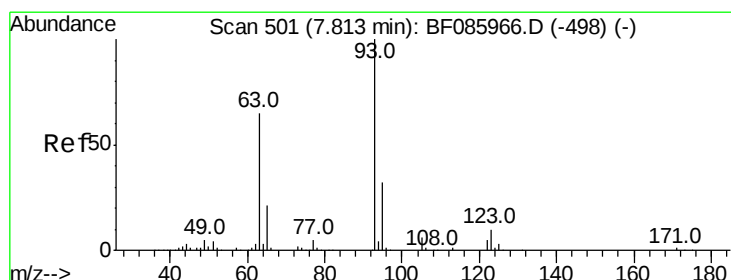
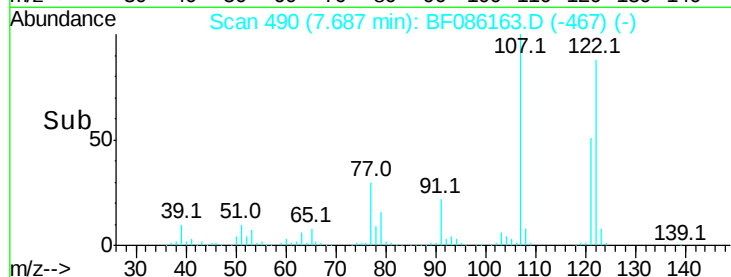
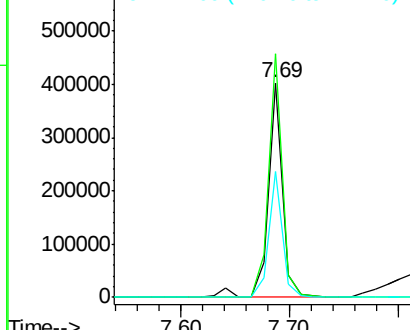
Tot Ion:	122	Resp:	373387
Ion Ratio	Lower	Upper	
122	100		
107	113.6	93.0	139.6
121	58.5	45.9	68.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 42.05 ng

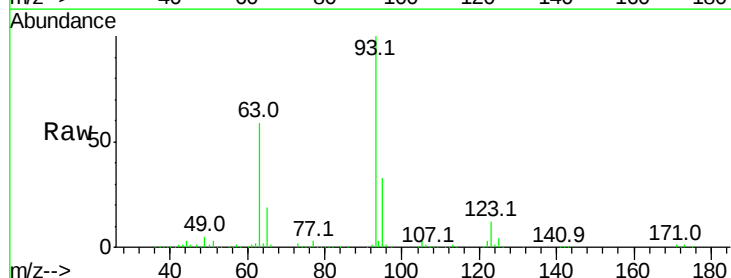
RT: 7.78 min Scan# 498

Delta R.T. -0.03 min

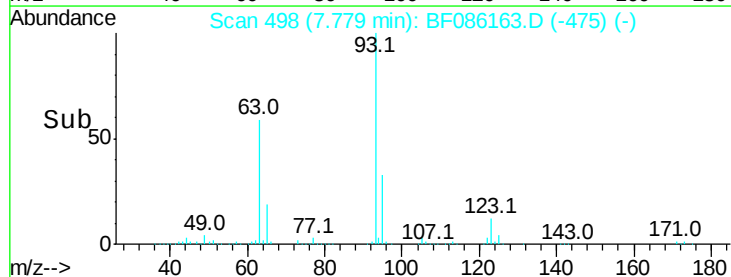
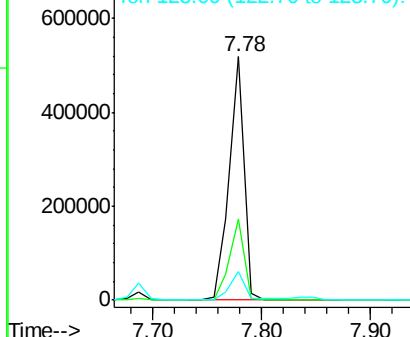
Lab File: BF086163.D

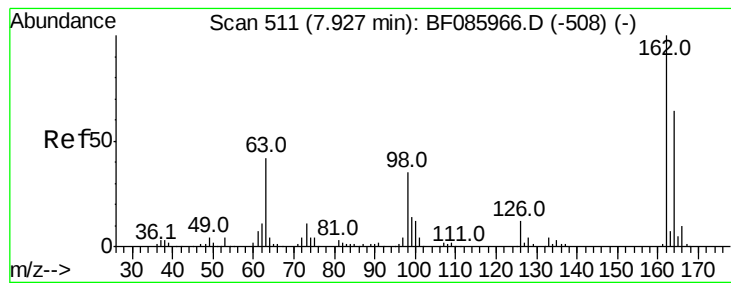
Acq: 8 Apr 2016 12:31

Tgt Ion:	93	Resp:	491334
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.4	39.6
123	11.6	9.8	14.6



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





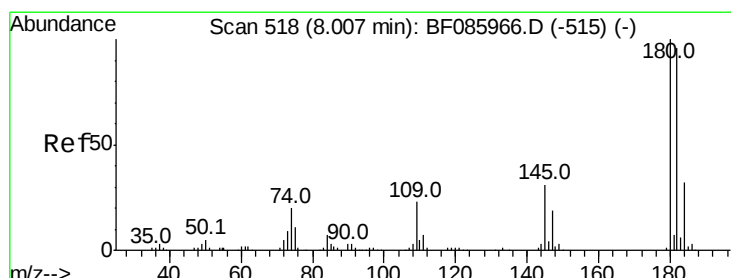
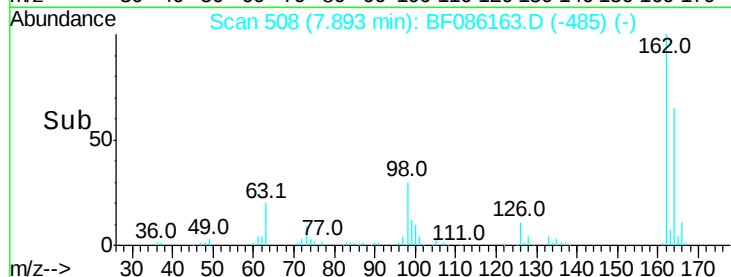
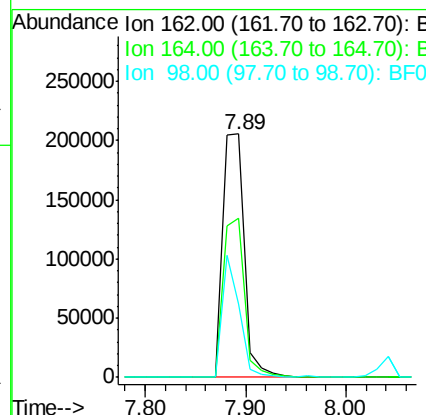
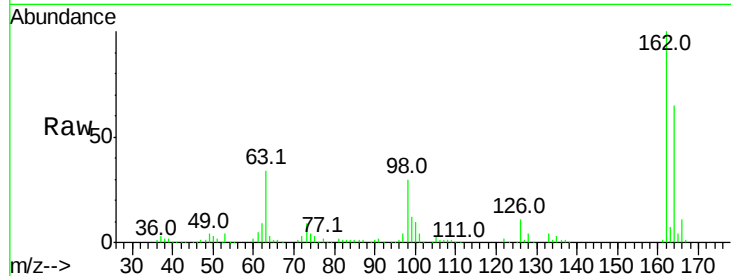
#29
 2,4-Dichlorophenol
 Concen: 38.23 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	306592		
164	65.3	43.7	83.7	
98	30.2	20.4	60.4	

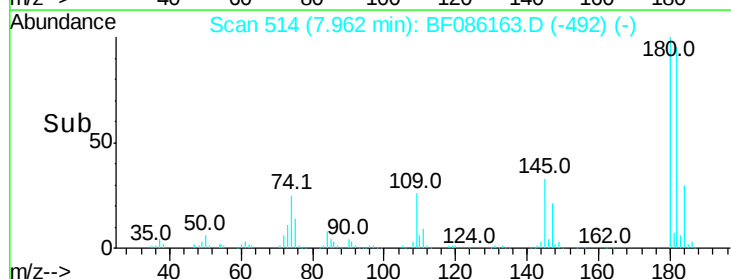
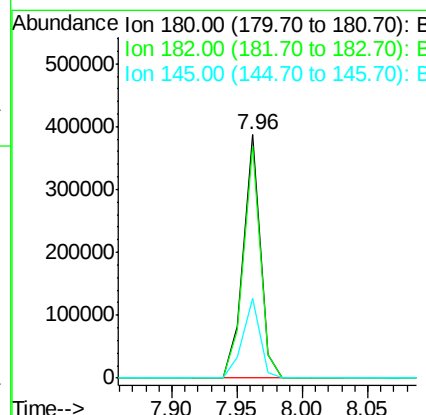
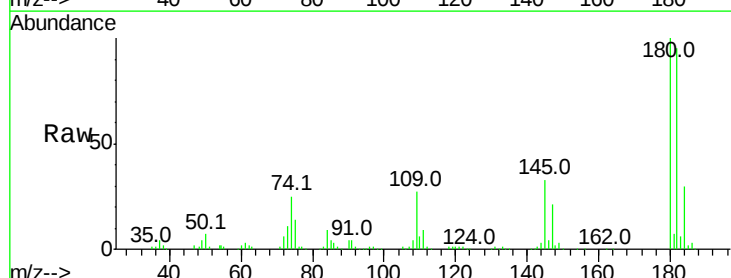
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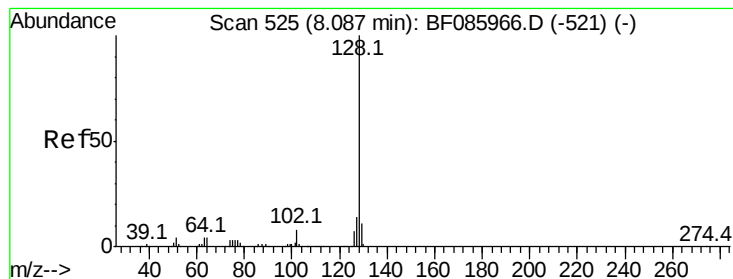
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.80 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	349265		
182	95.2	73.8	110.8	
145	32.9	28.4	42.6	





#31

Naphthalene

Concen: 39.47 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1181183

Ion Ratio Lower Upper

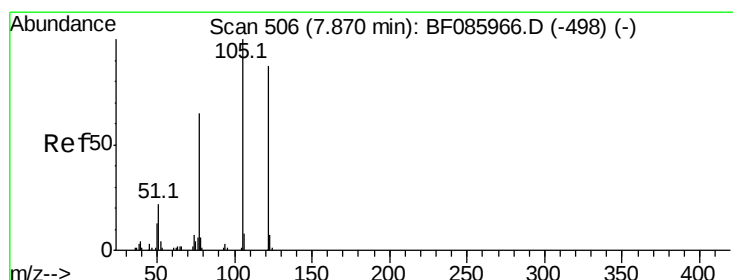
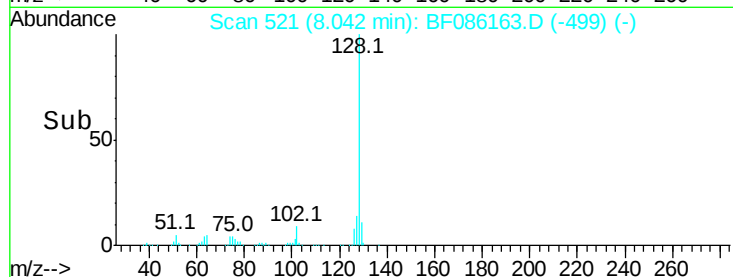
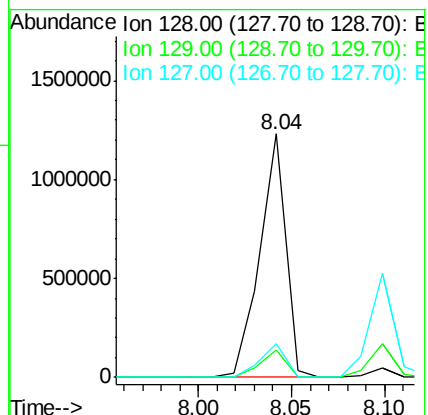
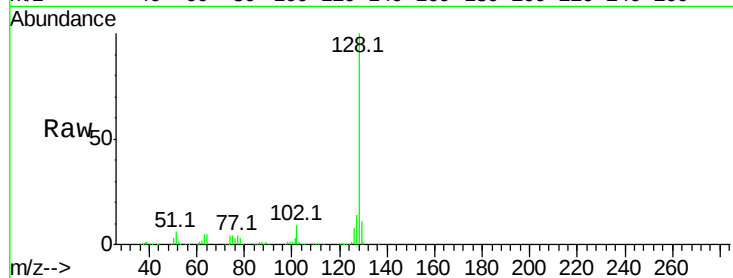
128 100

129 11.4 9.4 14.0

127 14.0 11.0 16.6

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#32

Benzoic acid

Concen: 32.55 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

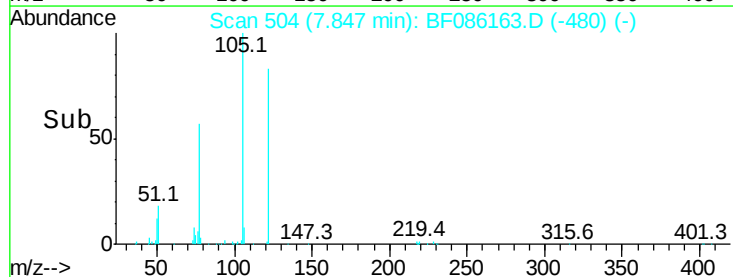
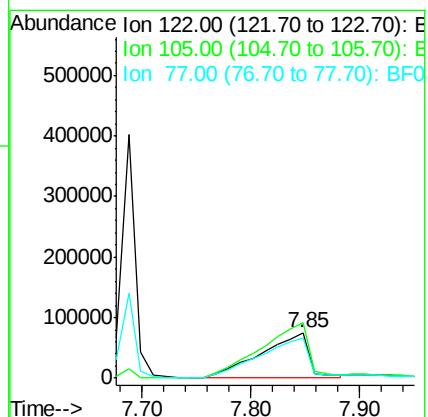
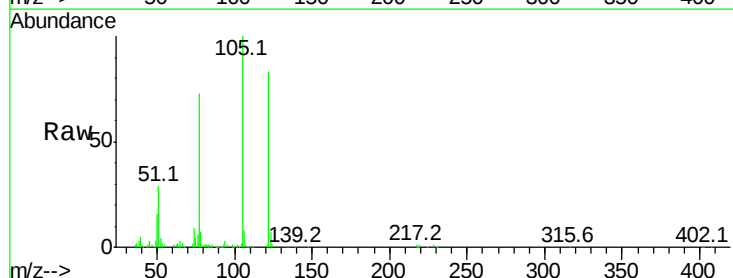
Tgt Ion:122 Resp: 226532

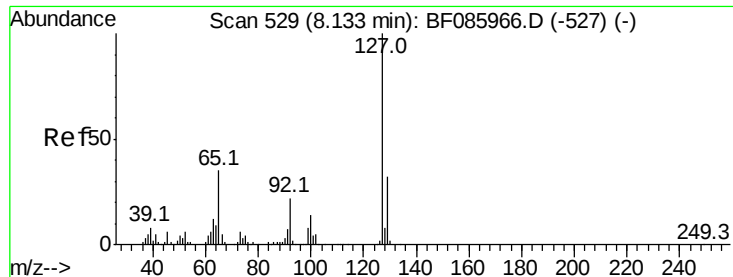
Ion Ratio Lower Upper

122 100

105 121.2 102.9 142.9

77 88.6 71.8 111.8





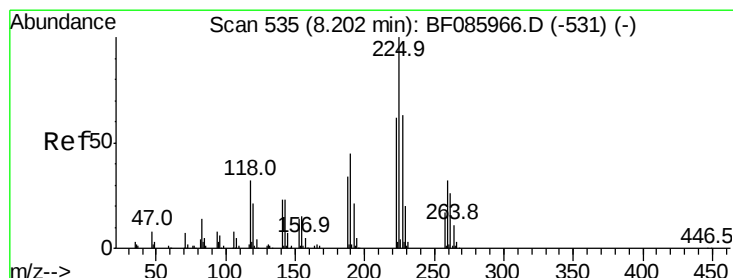
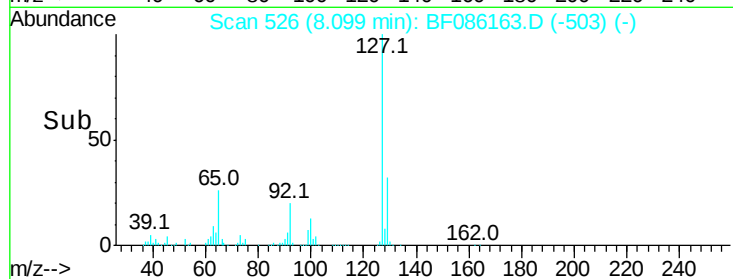
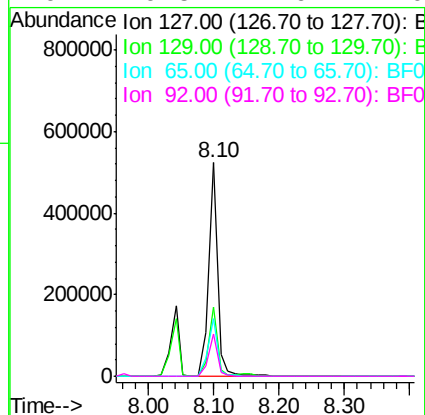
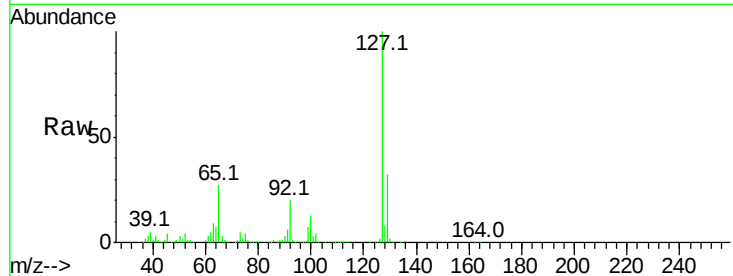
#33
4-Chloroaniline
Concen: 40.91 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		494538		
129	32.3	26.1	39.1		
65	26.8	19.5	29.3		
92	19.5	14.6	22.0		

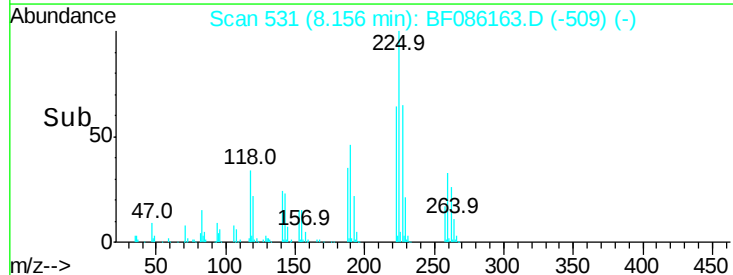
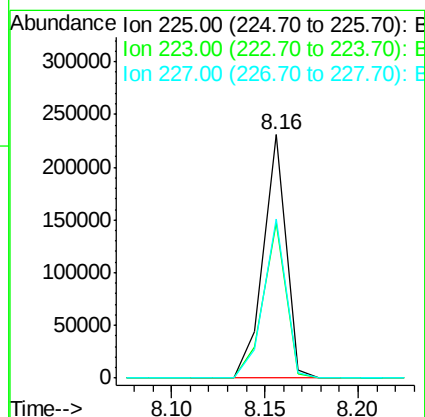
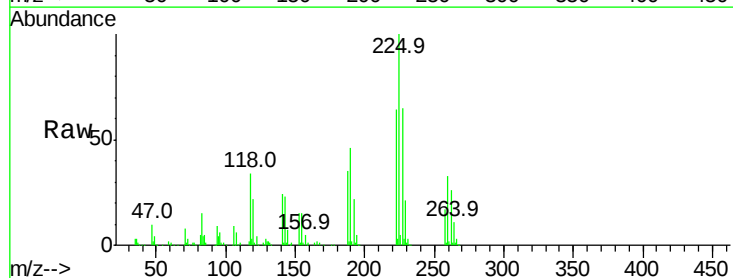
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#34
Hexachlorobutadiene
Concen: 40.22 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		194626		
223	63.7	50.4	75.6		
227	65.5	51.4	77.2		





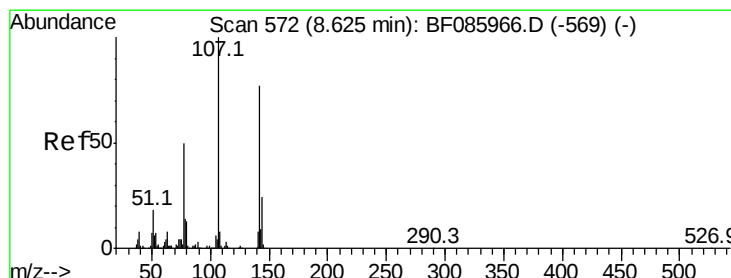
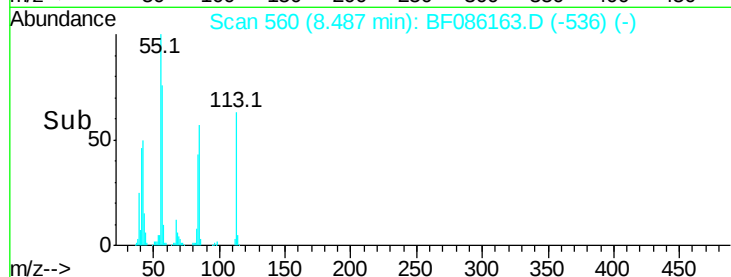
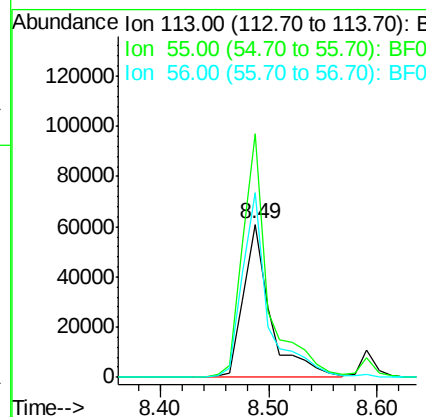
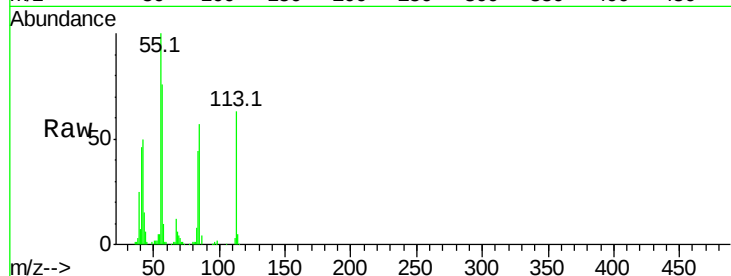
#35
 Caprolactam
 Concen: 41.09 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.9	139.4	179.4
56	120.8	100.4	140.4

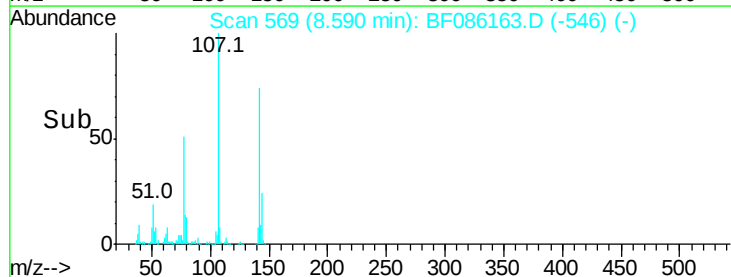
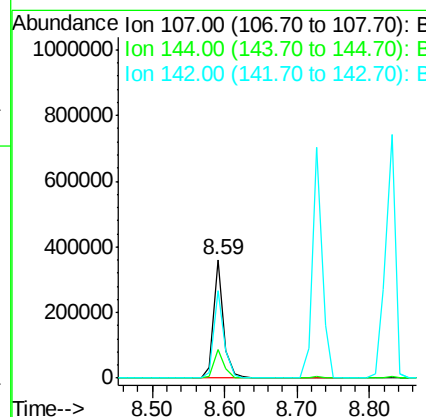
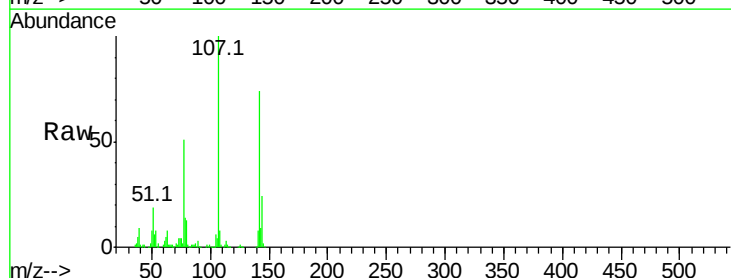
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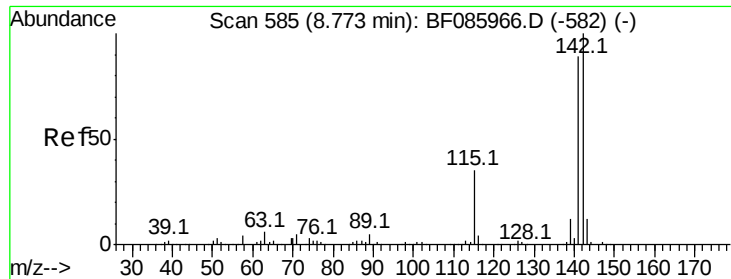
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#36
 4-Chloro-3-methylphenol
 Concen: 38.01 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.3	28.9
142	74.4	61.4	92.0





#37

2-Methylnaphthalene

Concen: 33.71 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.05 min

Lab File: BF086163.D

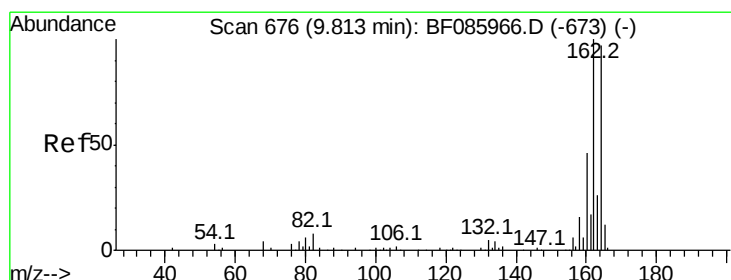
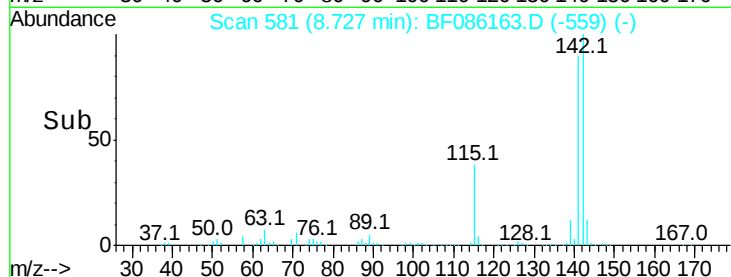
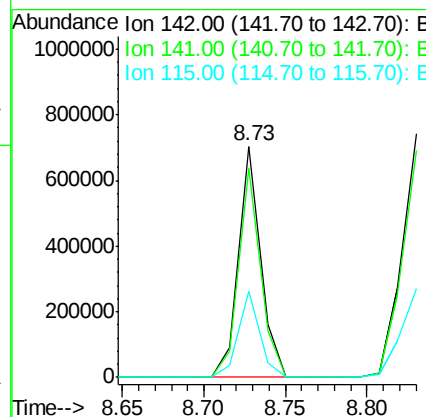
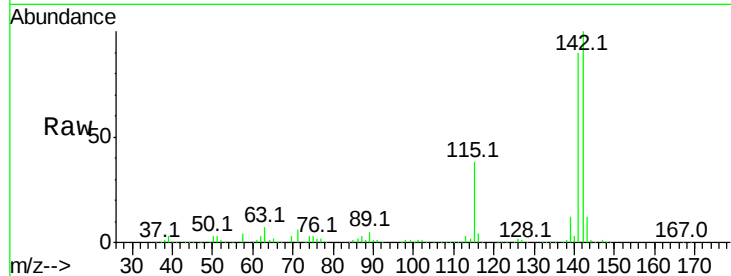
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.6	107.4
115	37.5	26.8	40.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

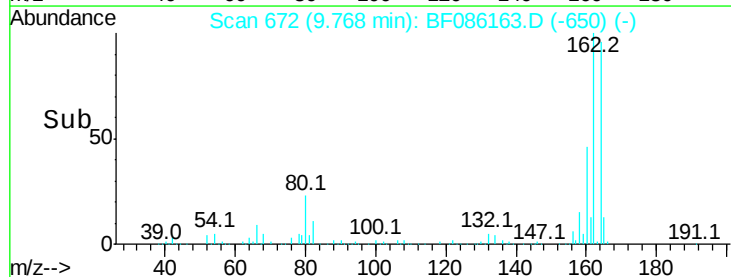
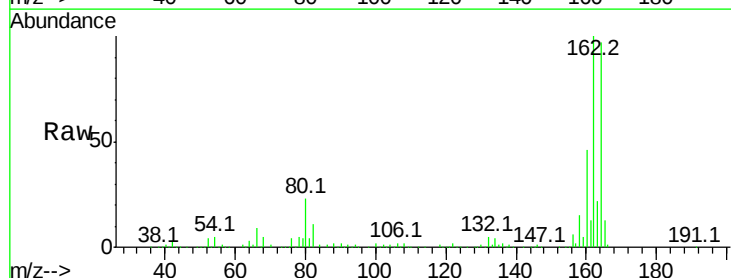
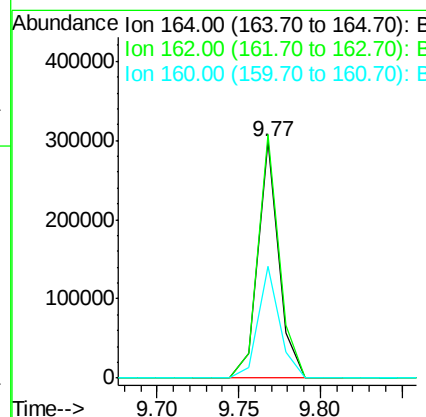
RT: 9.77 min Scan# 672

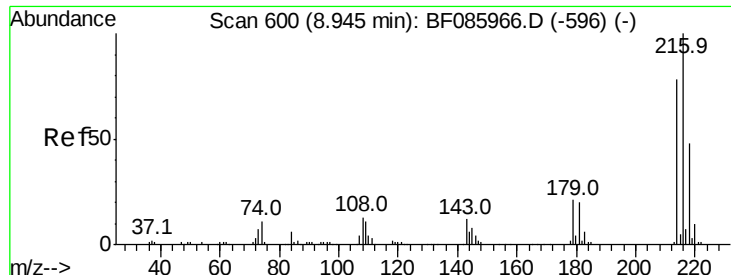
Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.1	123.1
160	47.0	37.4	56.2





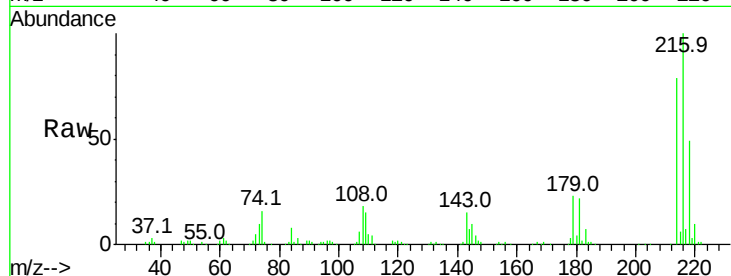
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.01 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

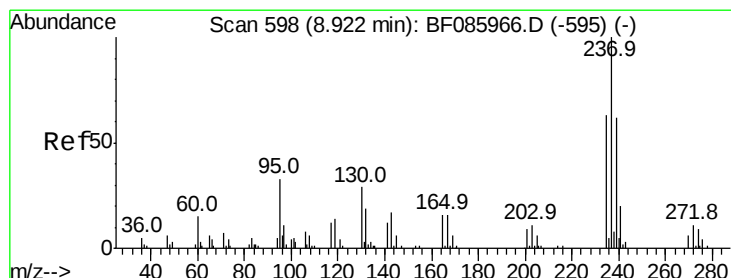
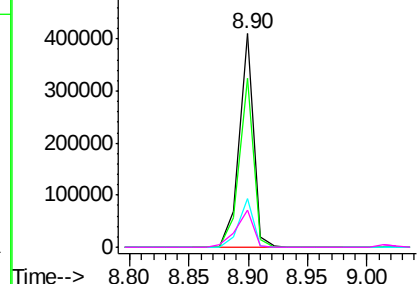
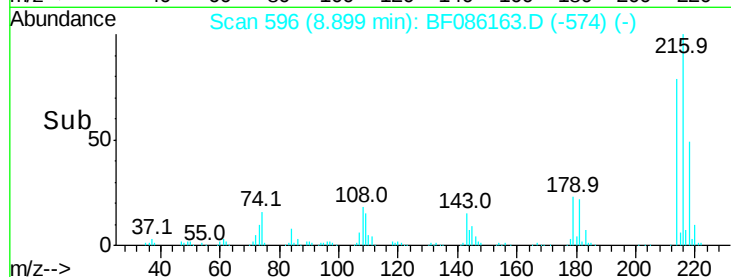
Tot Ion	Ratio	Resp	Lower	Upper
216	100	344411		
214	79.1	63.1	94.7	
179	23.6	18.2	27.2	
108	21.2	17.3	25.9	

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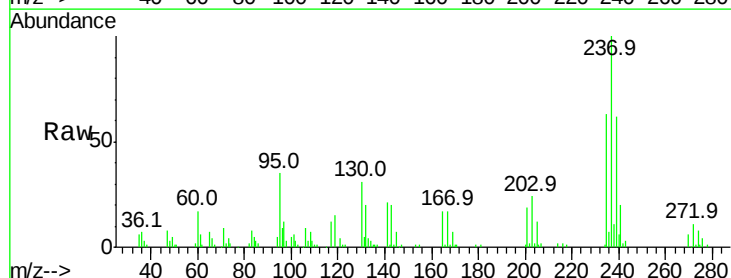


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

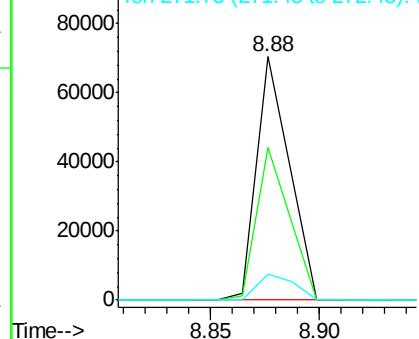
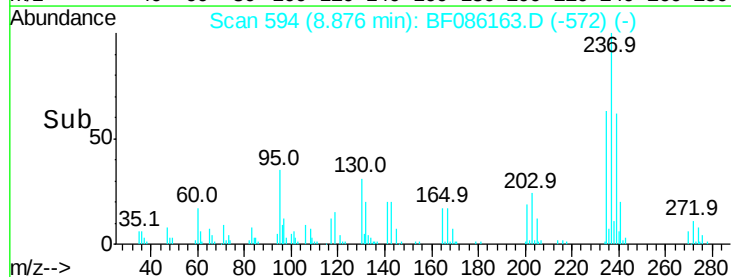


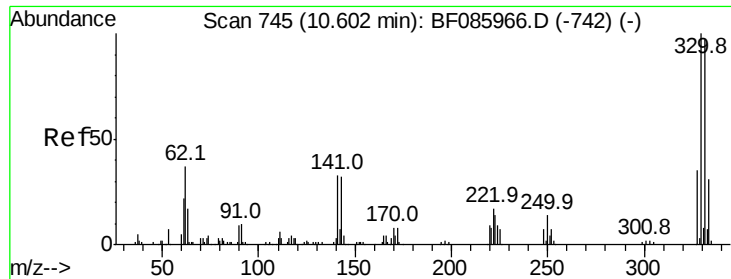
#40
 Hexachlorocyclopentadiene
 Concen: 34.80 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	73841		
235	62.5	43.7	83.7	
272	10.9	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





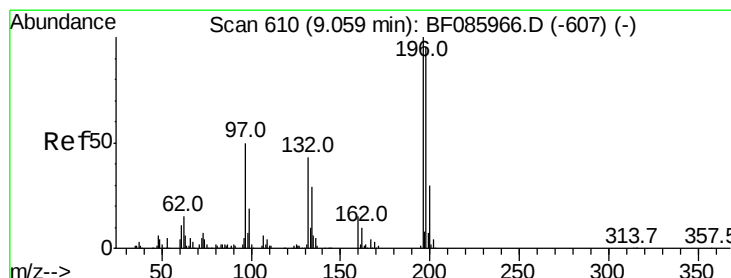
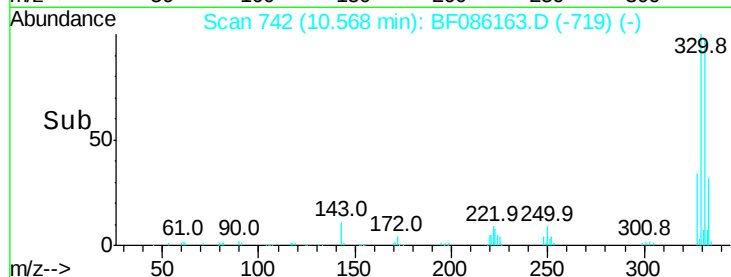
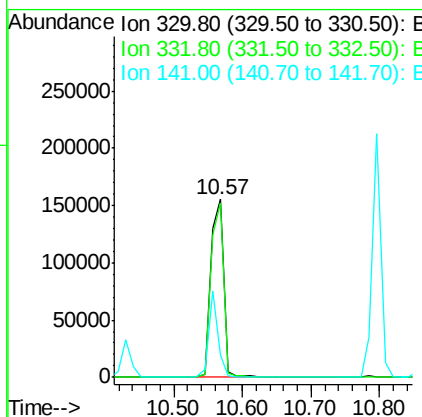
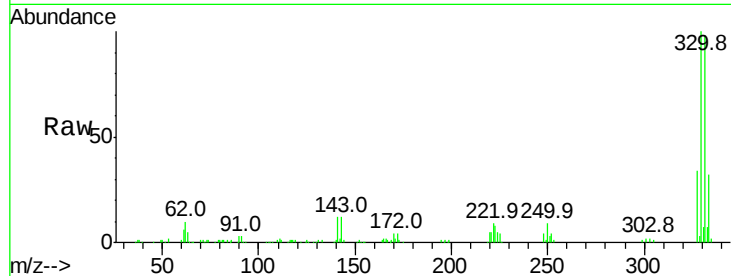
#41
 2,4,6-Tribromophenol
 Concen: 82.53 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	206368		
332	96.5	78.2	117.2	
141	34.8	31.5	47.3	

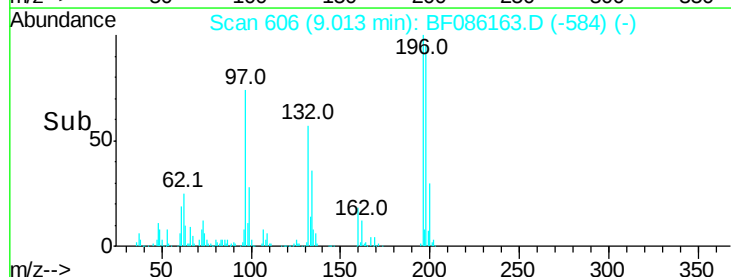
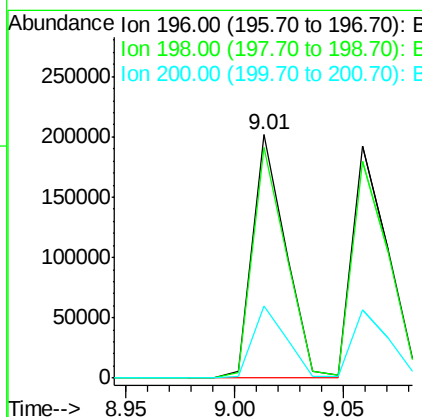
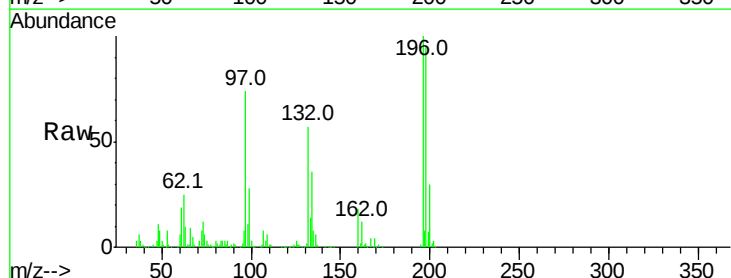
Manual Integrations
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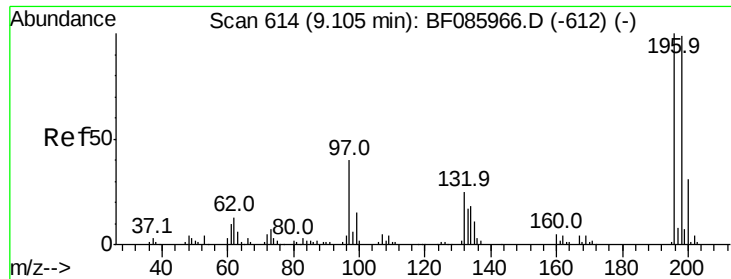
Sohil
 4/11/2016 5:45:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.81 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215005		
198	94.7	75.3	112.9	
200	29.6	23.7	35.5	





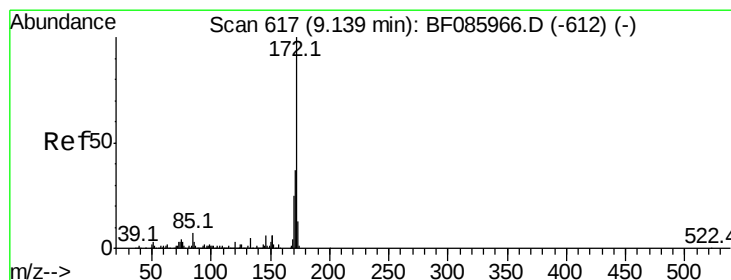
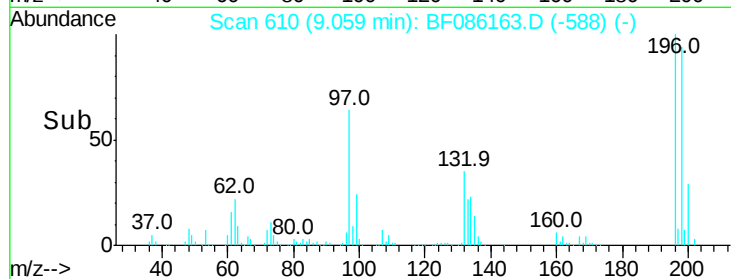
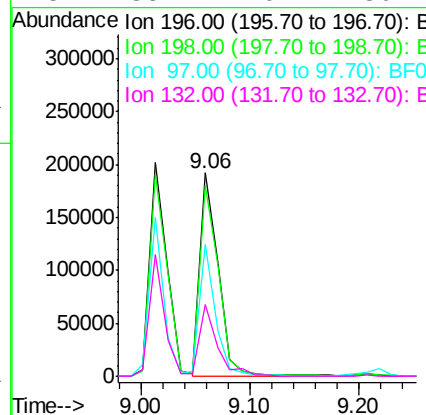
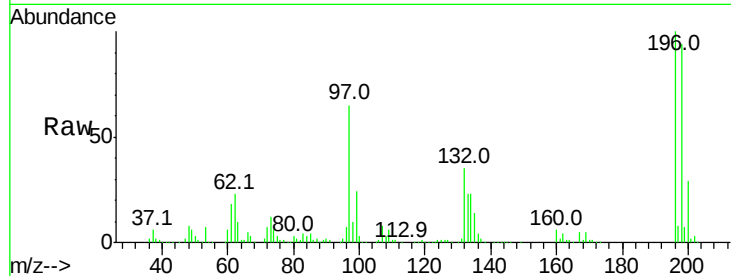
#43
 2,4,5-Trichlorophenol
 Concen: 42.52 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	221979
Ion Ratio	Lower	Upper	
196	100		
198	93.7	76.6	114.8
97	64.6	30.5	45.7#
132	35.1	20.2	30.2#

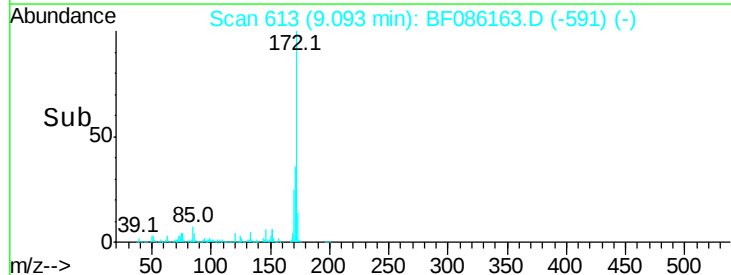
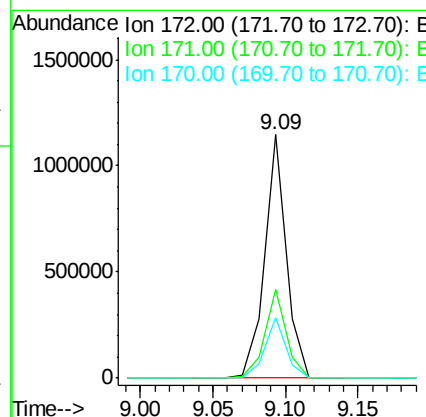
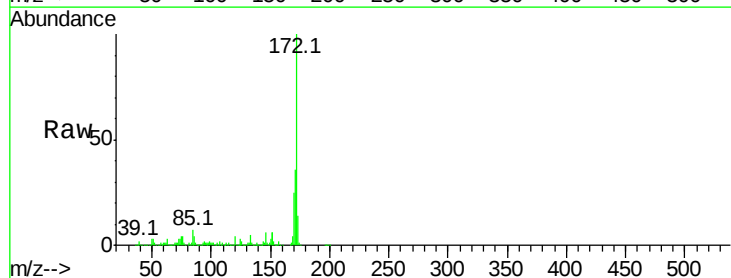
Manual Integrations
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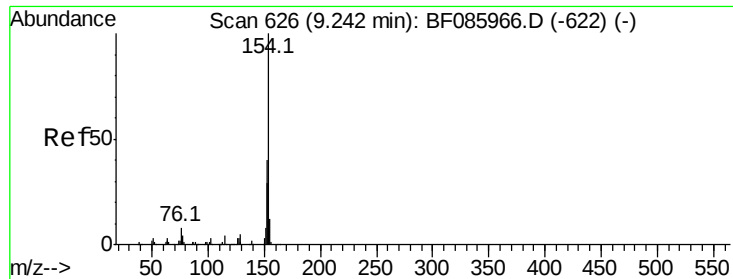
Sohil
 4/11/2016 5:45:06 PM



#44
 2-Fluorobiphenyl
 Concen: 73.83 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion:	172	Resp:	1183043
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.4	44.2
170	24.6	19.8	29.6





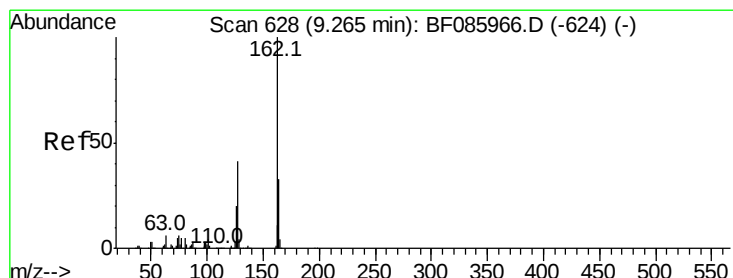
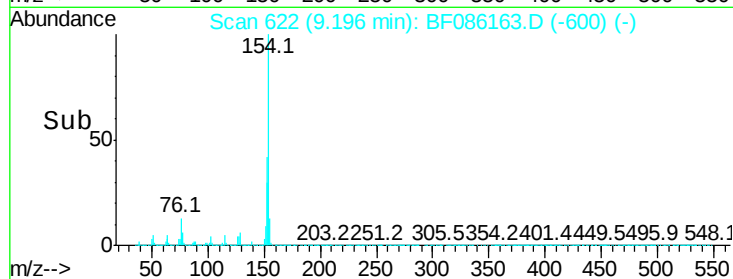
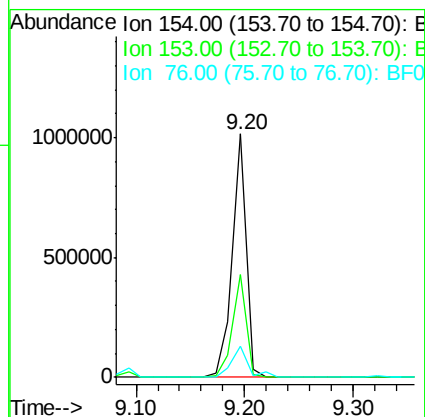
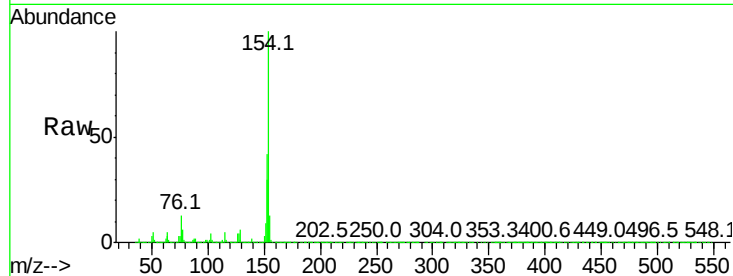
#45
1,1'-Biphenyl
Concen: 38.87 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	154	Resp:	892888
Ion Ratio	Lower	Upper	
154	100		
153	42.2	20.8	60.8
76	13.0	0.0	36.7

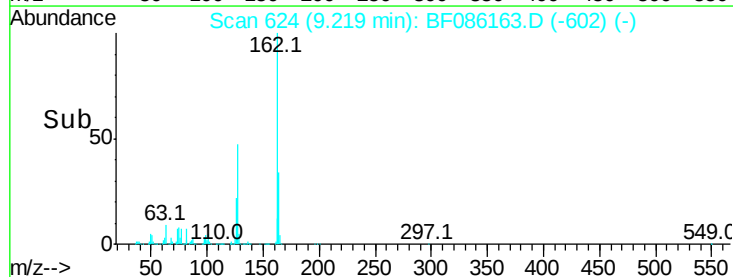
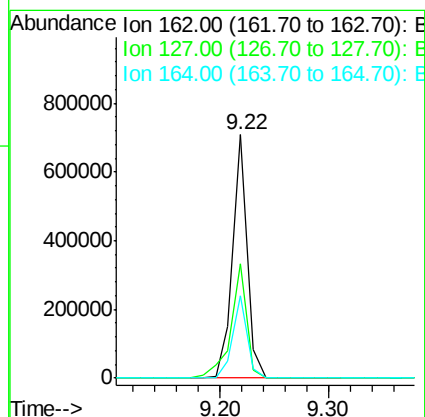
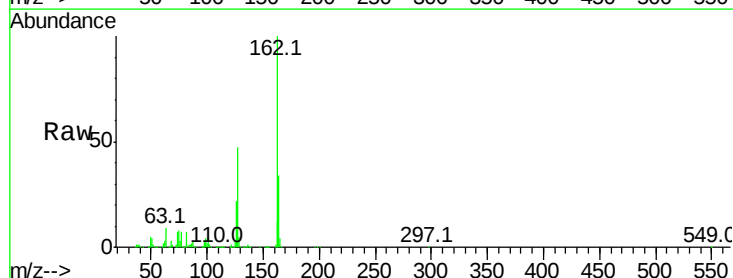
Manual Integrations
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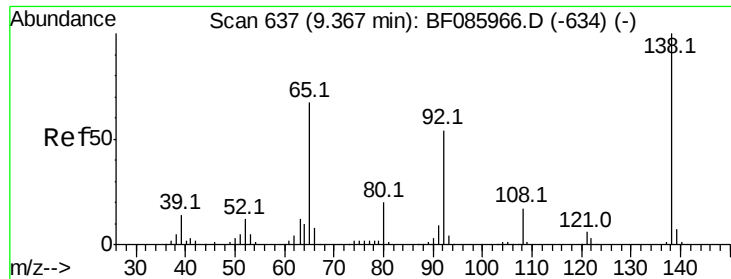
Sohil
4/11/2016 5:45:06 PM



#46
2-Chloronaphthalene
Concen: 39.08 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion:	162	Resp:	650739
Ion Ratio	Lower	Upper	
162	100		
127	47.1	31.7	47.5
164	33.6	27.3	40.9





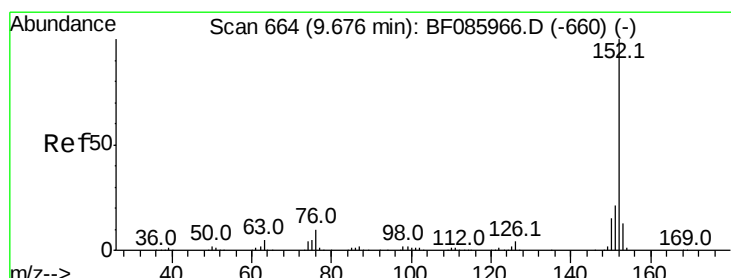
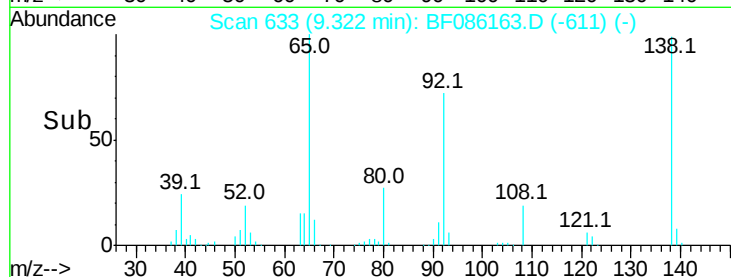
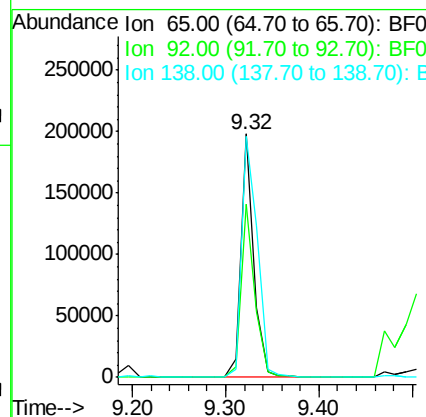
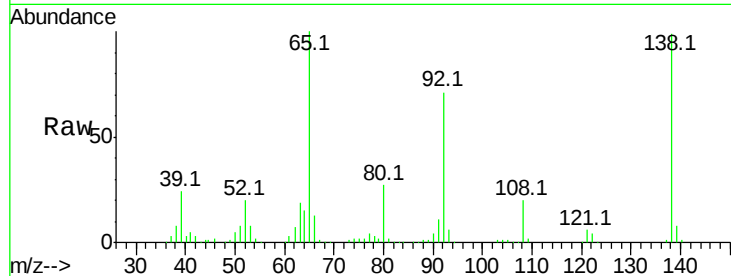
#47
 2-Nitroaniline
 Concen: 39.32 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.3	59.7	89.5
138	99.0	91.4	137.0

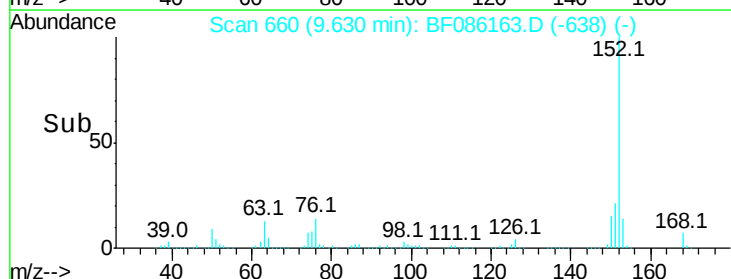
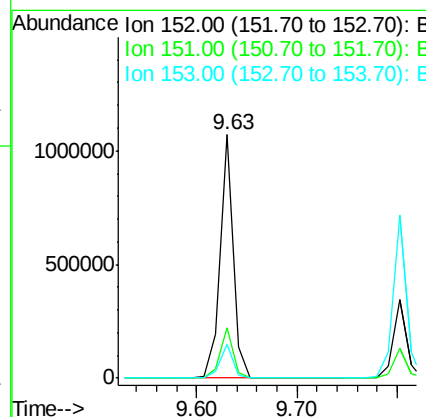
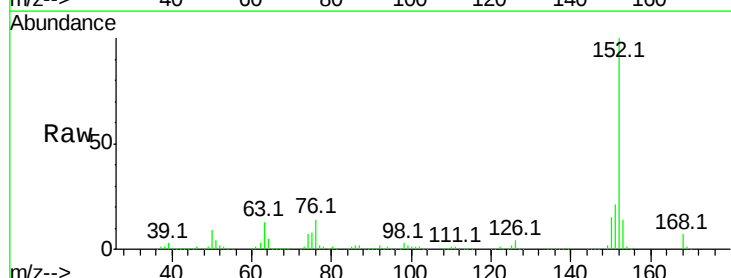
Manual Integrations
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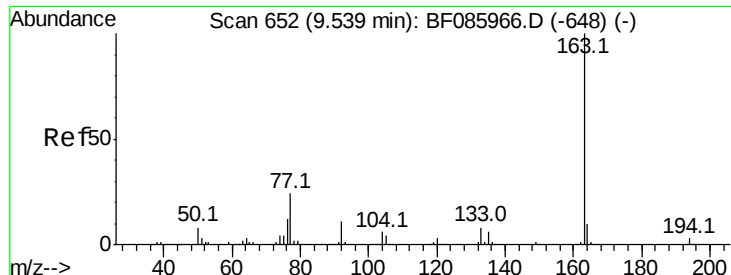
Sohil
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#48
 Acenaphthylene
 Concen: 36.30 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.7	10.9	16.3





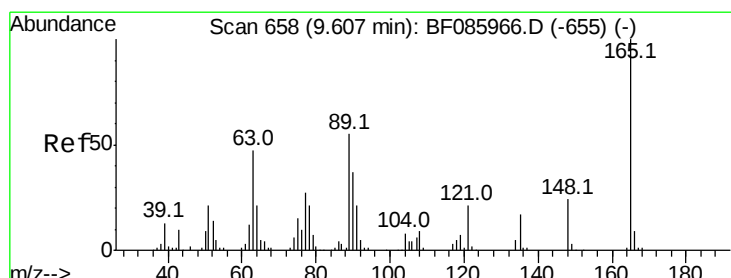
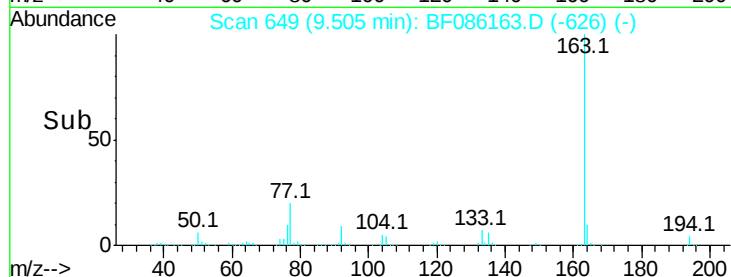
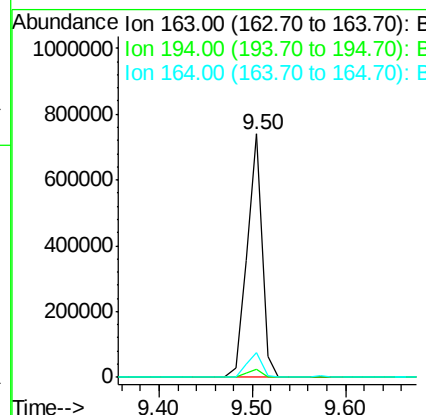
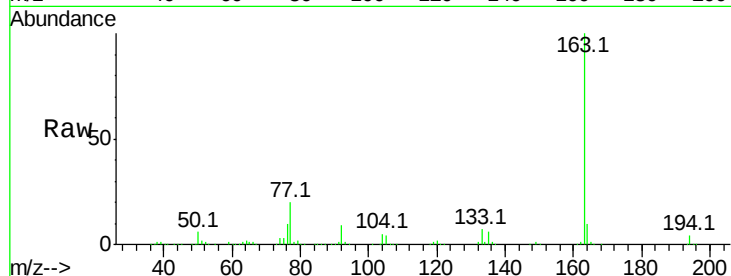
#49
Dimethylphthalate
Concen: 41.36 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	816785		
194	3.6		2.9	4.3
164	10.4		8.3	12.5

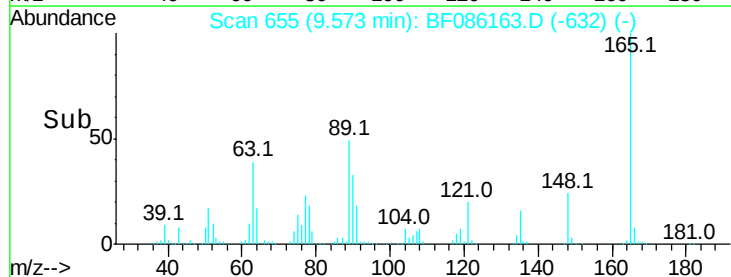
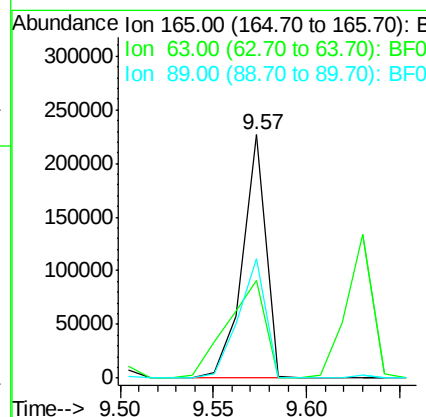
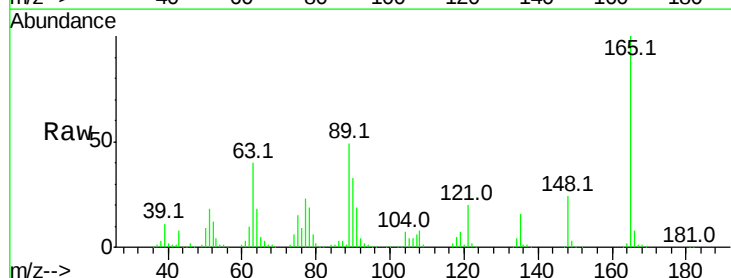
Manual Integrations
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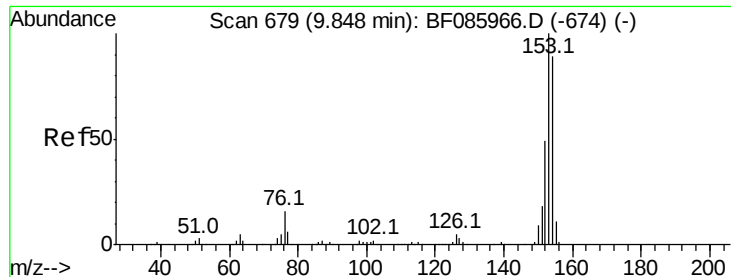
Sohil
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#50
2,6-Dinitrotoluene
Concen: 48.02 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200630		
63	40.1		51.8	77.8#
89	49.2		53.7	80.5#





#51

Acenaphthene

Concen: 36.15 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

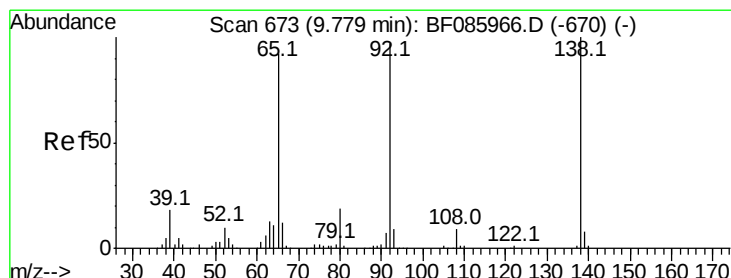
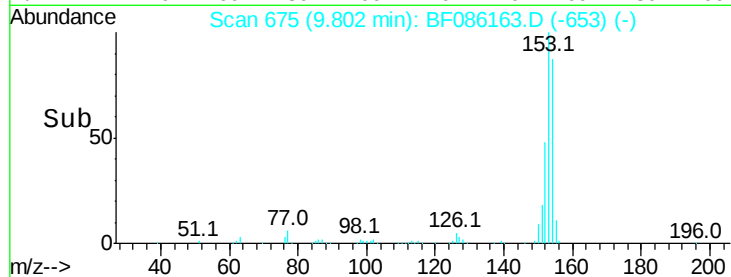
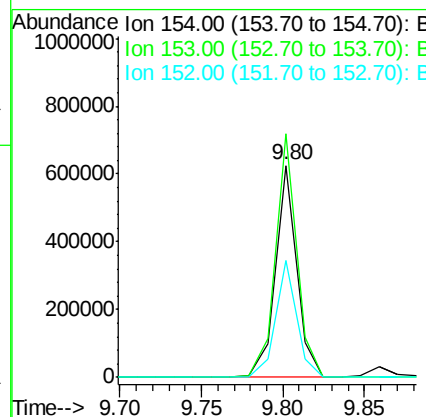
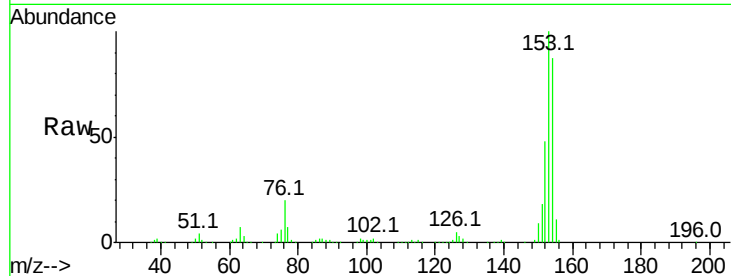
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	573529
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.1	135.1
152	55.4	44.2	66.2

Manual Integrations
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4/11/2016 5:45:06 PM



#52

3-Nitroaniline

Concen: 44.63 ng

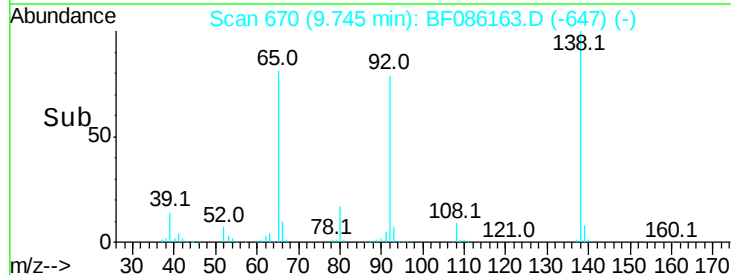
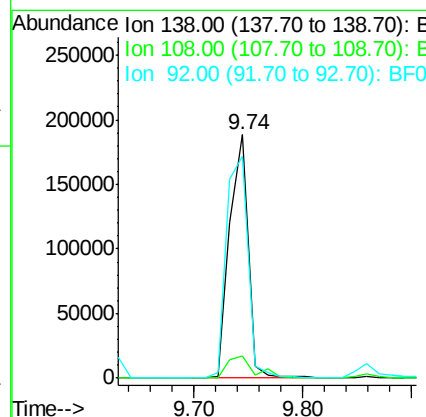
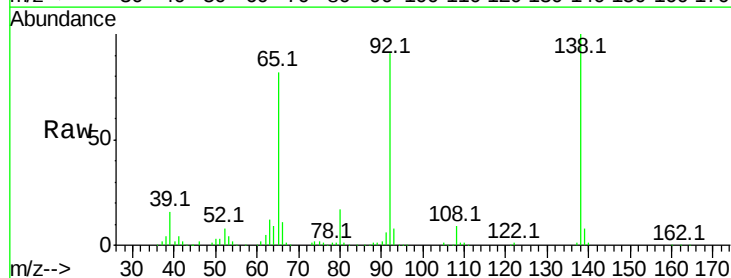
RT: 9.74 min Scan# 670

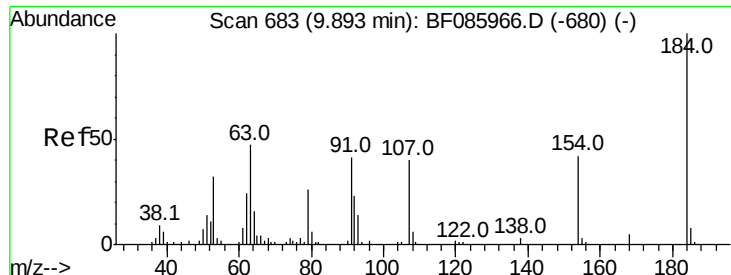
Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	138	Resp:	224711
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.7	13.1
92	91.1	93.3	139.9#





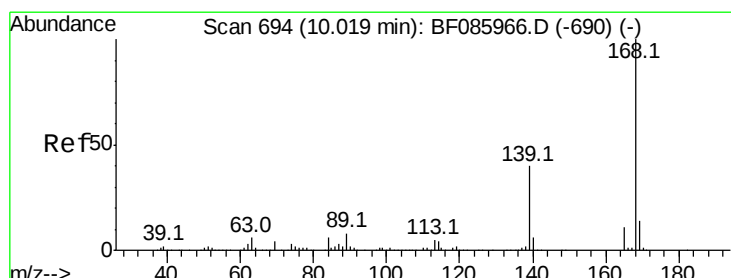
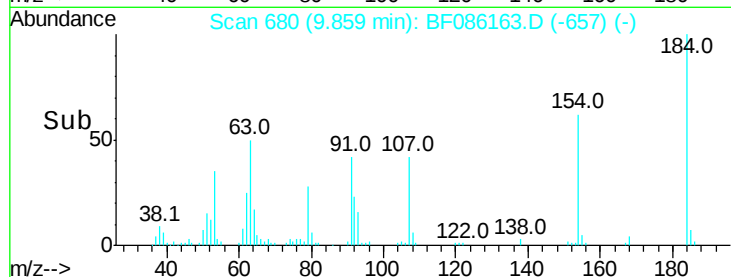
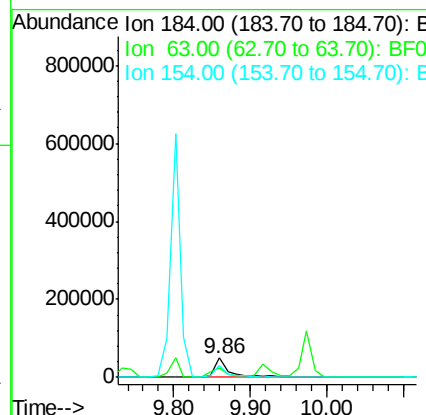
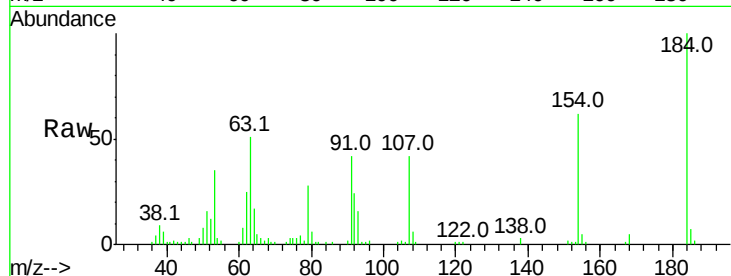
#53
 2,4-Dinitrophenol
 Concen: 34.21 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	66646		
63	51.3	69.5	104.3	#
154	62.4	58.3	87.5	

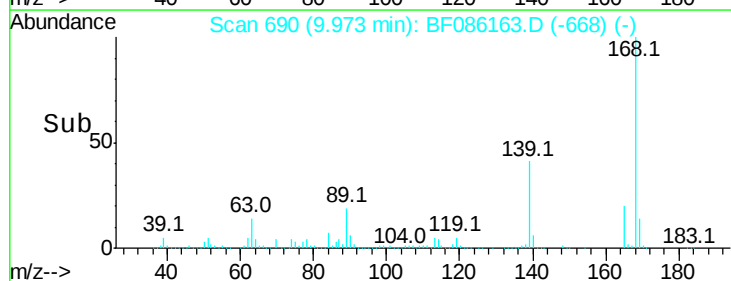
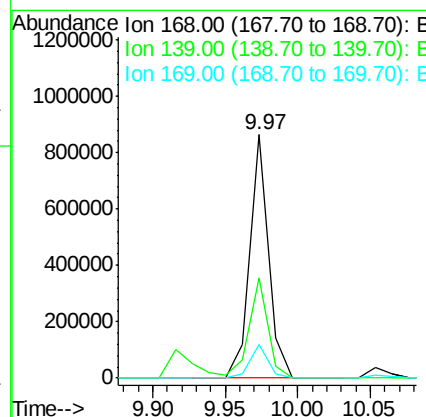
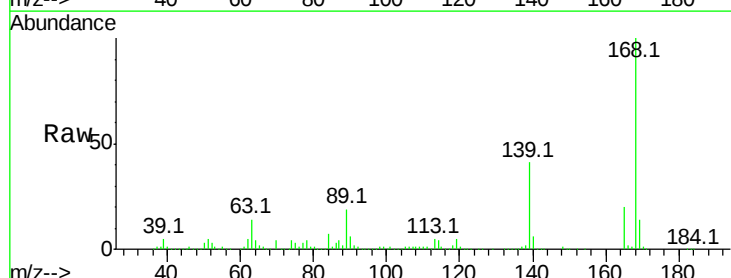
Manual Integrations
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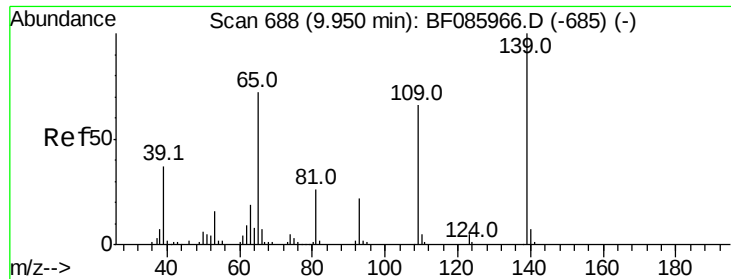
Sohil
 4/11/2016 5:45:06 PM



#54
 Dibenzofuran
 Concen: 36.89 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	772930		
139	41.3	31.9	47.9	
169	13.8	11.0	16.6	





#55

4-Nitrophenol

Concen: 41.20 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

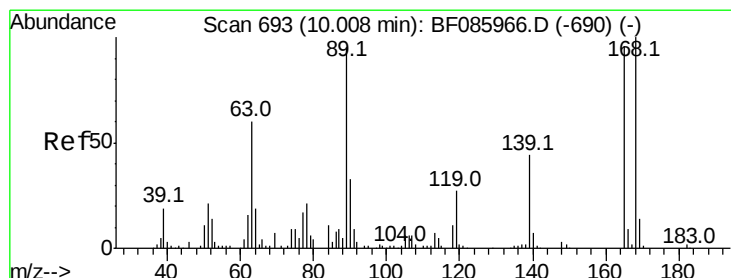
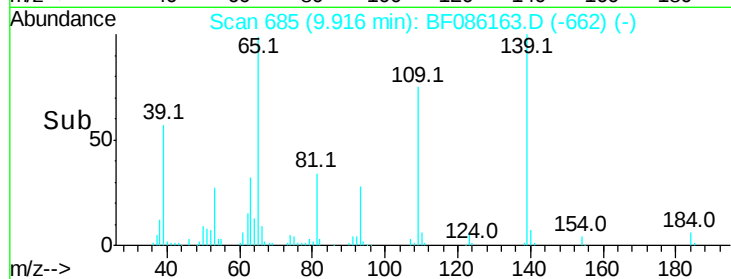
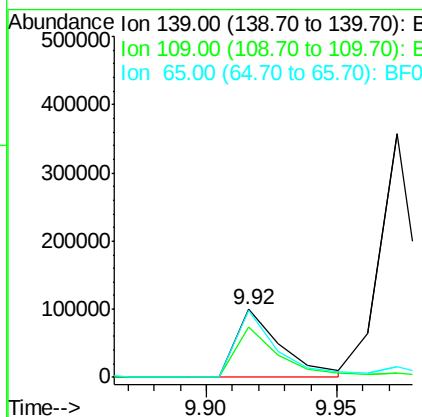
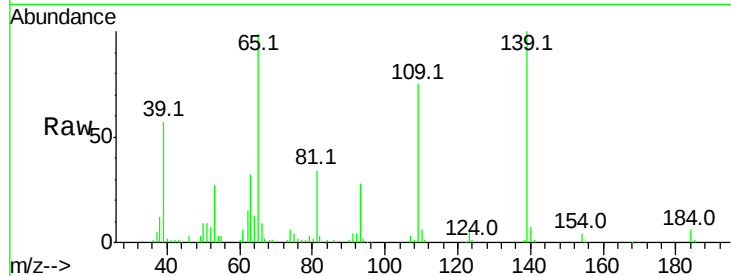
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	122314
Ion Ratio	Lower	Upper	
139	100		
109	74.8	49.2	89.2
65	99.2	66.9	106.9

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#56

2,4-Dinitrotoluene

Concen: 36.54 ng

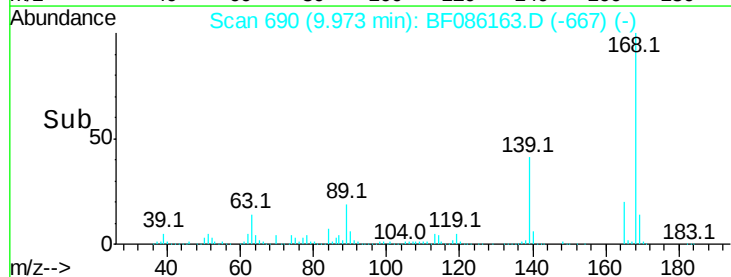
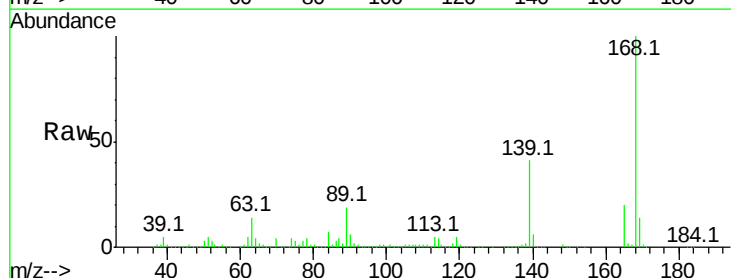
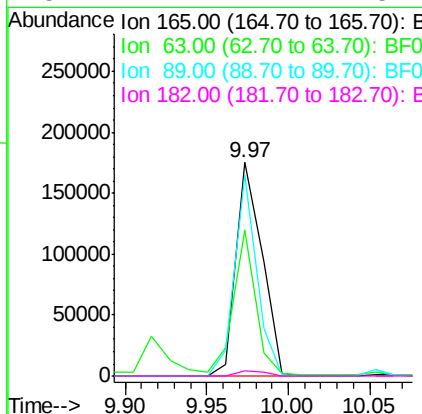
RT: 9.97 min Scan# 690

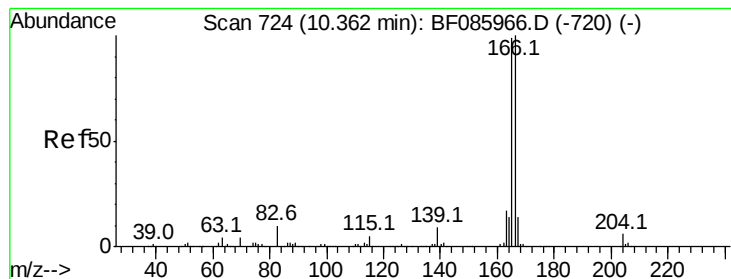
Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	165	Resp:	192901
Ion Ratio	Lower	Upper	
165	100		
63	68.1	24.9	37.3#
89	93.8	41.0	61.6#
182	2.4	2.1	3.1





#57

Fluorene

Concen: 35.89 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

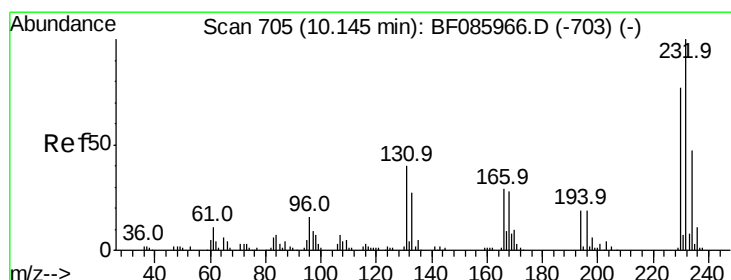
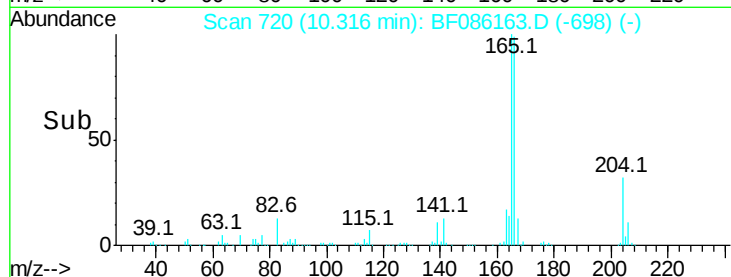
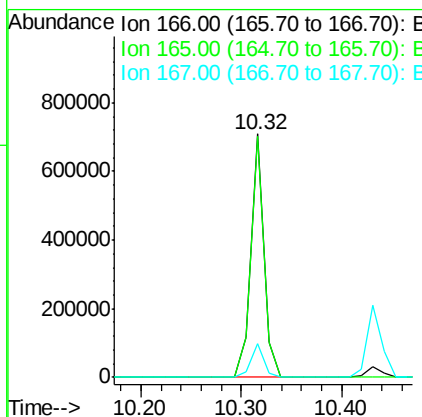
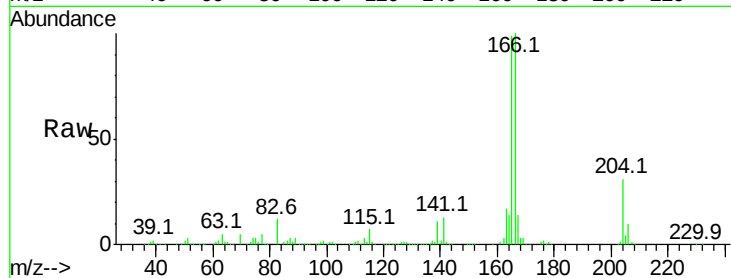
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	642331
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.4	119.0
167	13.8	11.0	16.4

Manual Integrations
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Sohil
4/11/2016 5:45:06 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.22 ng

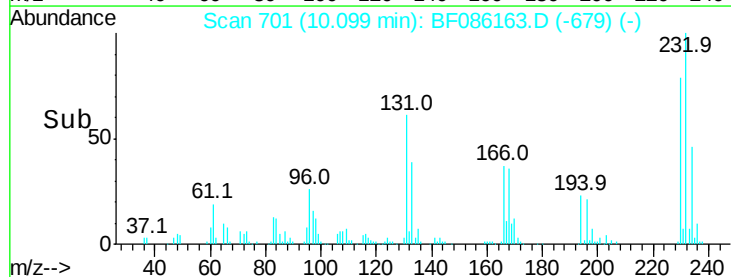
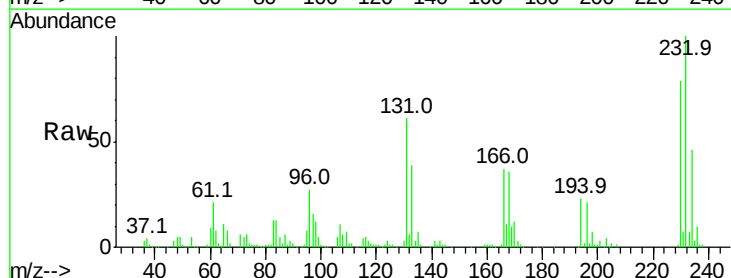
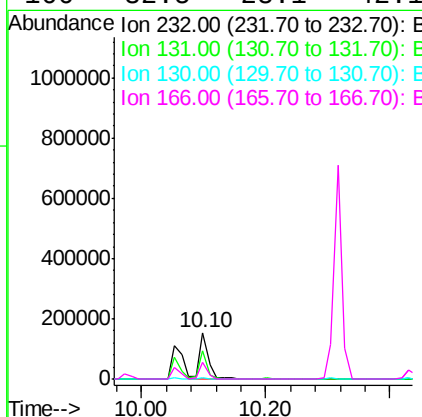
RT: 10.10 min Scan# 701

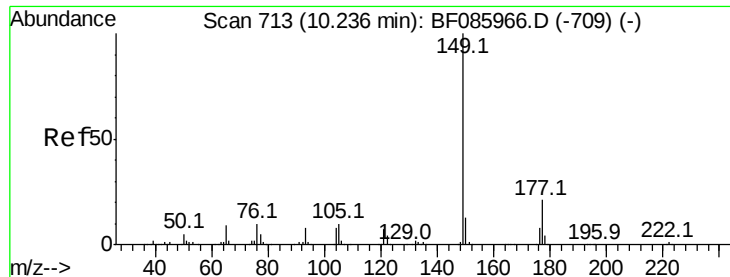
Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	232	Resp:	156332
Ion Ratio	Lower	Upper	
232	100		
131	54.5	44.9	67.3
130	2.8	2.3	3.5
166	32.5	28.1	42.1





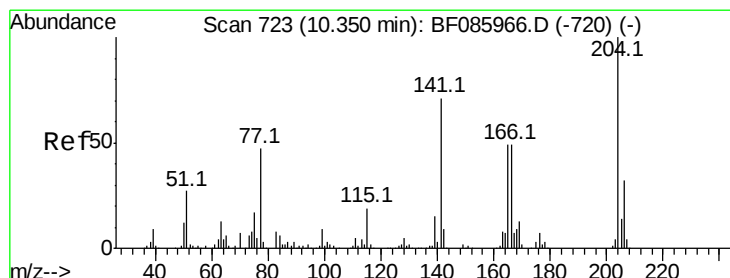
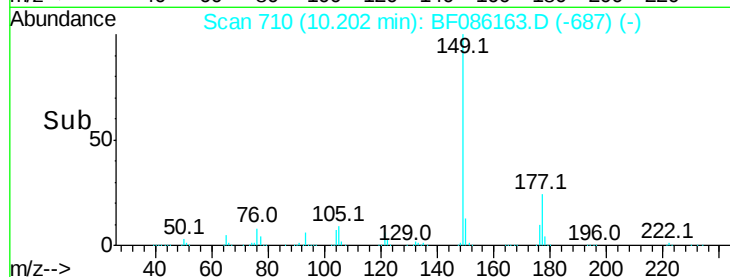
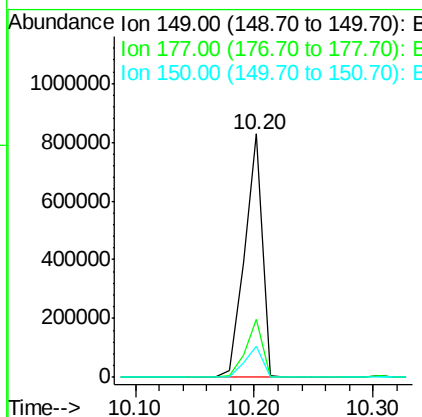
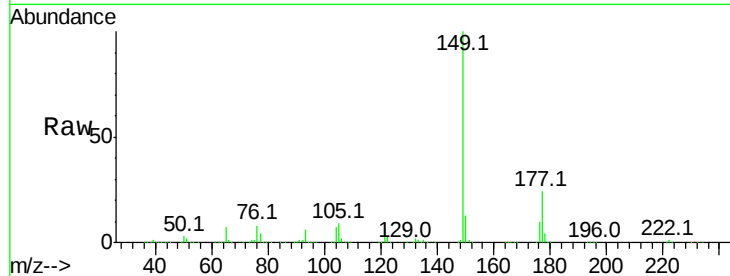
#59
Diethylphthalate
Concen: 42.92 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	855512		
177	23.7		17.9	26.9
150	12.7		10.2	15.2

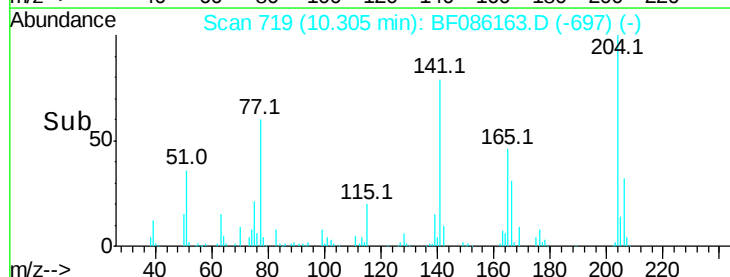
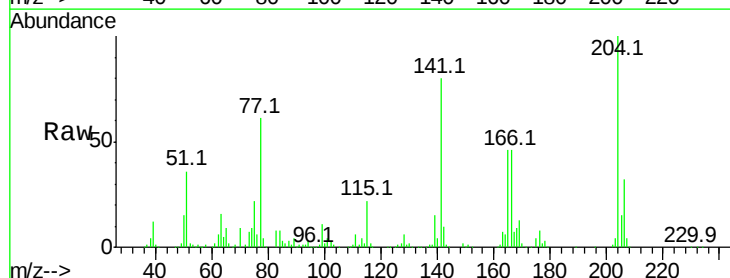
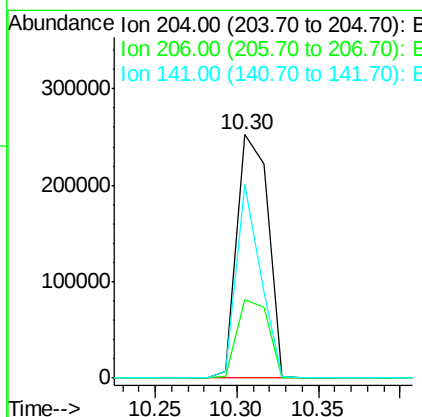
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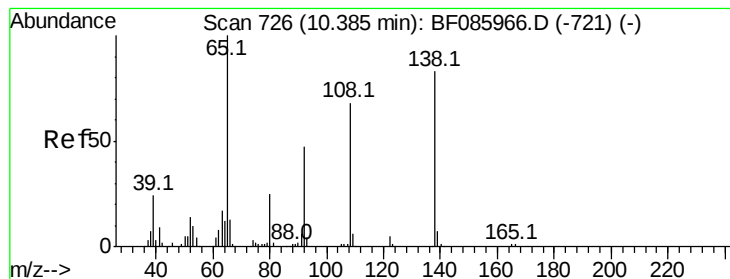
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#60
4-Chlorophenyl-phenylether
Concen: 39.73 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	331214		
206	32.3		26.6	39.8
141	79.5		57.4	86.0





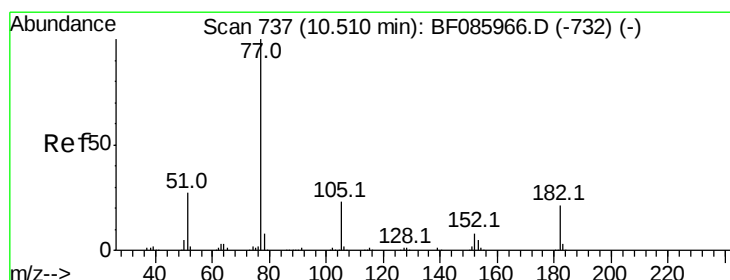
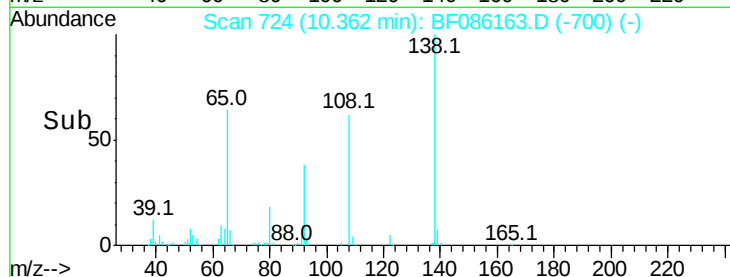
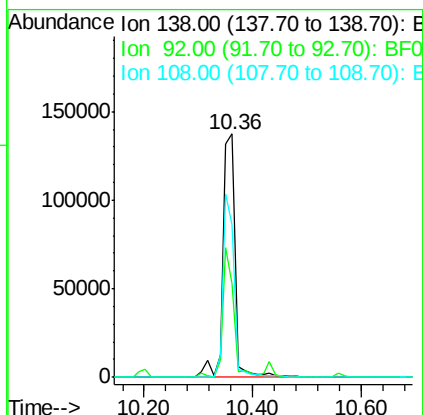
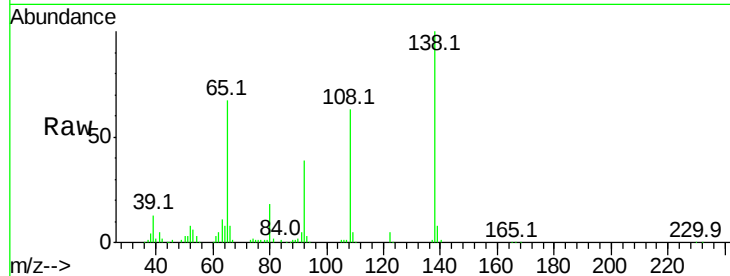
#61
4-Nitroaniline
Concen: 44.02 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	218270		
92	38.6		26.4	66.4
108	62.8		49.0	89.0

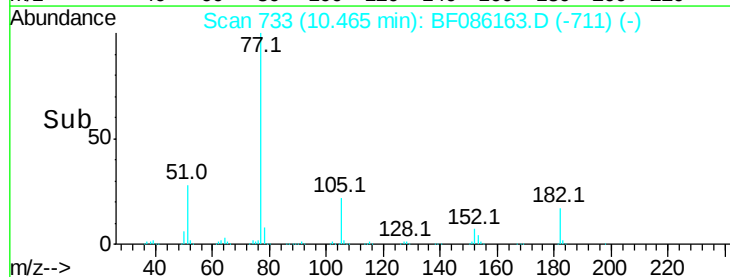
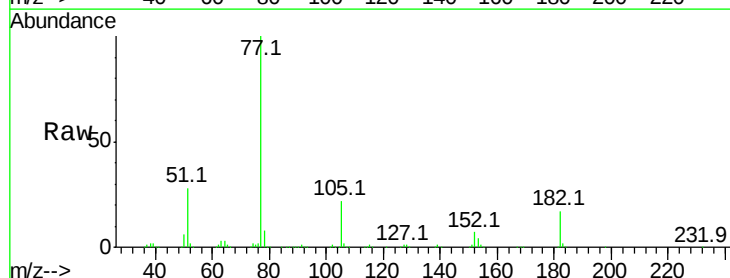
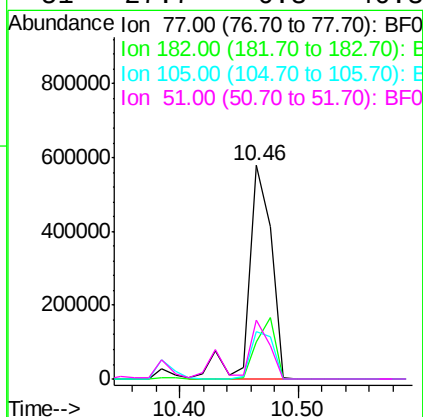
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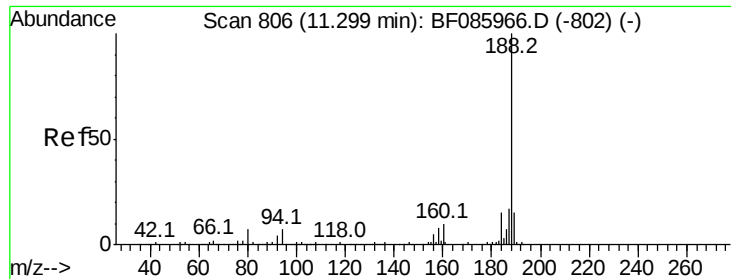
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#62
Azobenzene
Concen: 40.47 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	772606		
182	17.3		1.9	41.9
105	22.0		3.5	43.5
51	27.7		6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

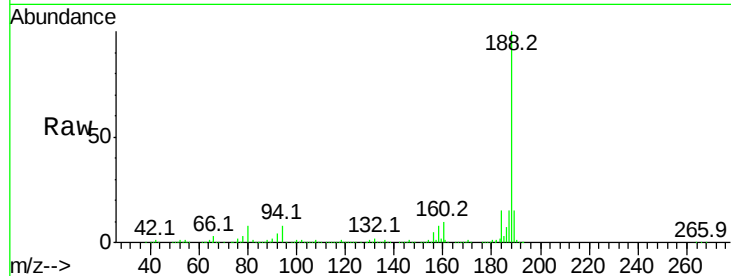
ClientSampleId :

SSTDCCC040

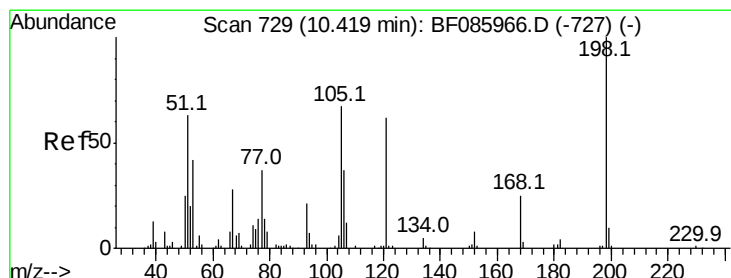
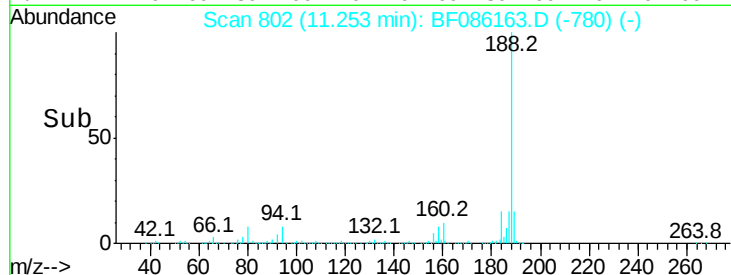
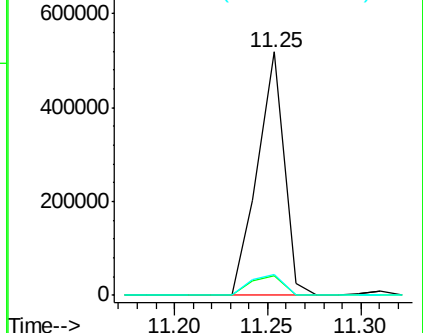
Tot Ion:	188	Resp:	515000
Ion Ratio	Lower	Upper	
188	100		
94	8.3	5.4	8.0#
80	8.4	5.5	8.3#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 34.35 ng

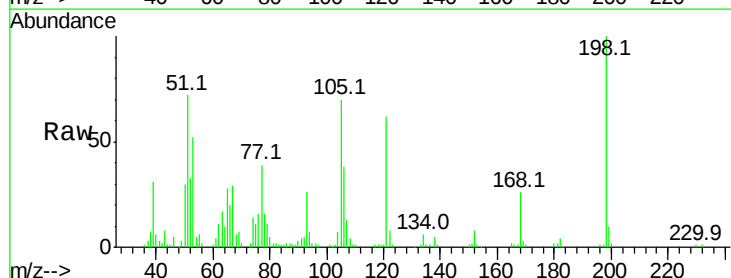
RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

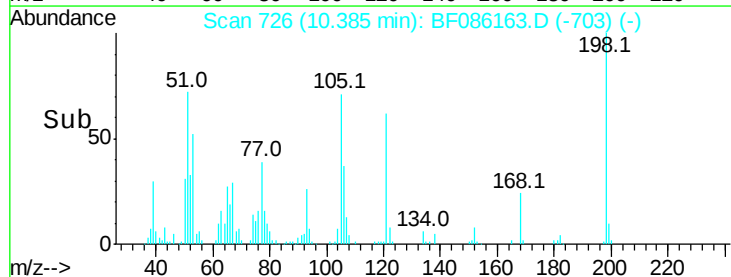
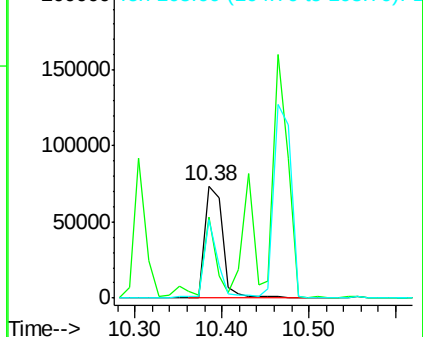
Lab File: BF086163.D

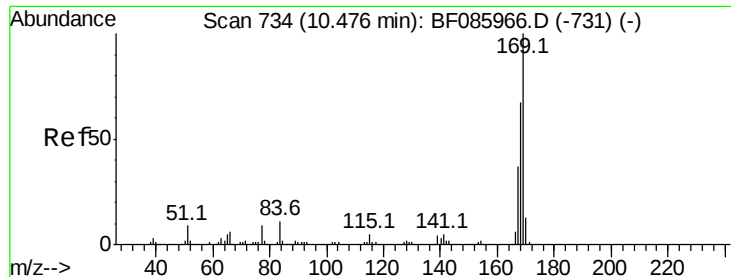
Acq: 8 Apr 2016 12:31

Tgt Ion:	198	Resp:	107204
Ion Ratio	Lower	Upper	
198	100		
51	72.4	45.4	85.4
105	70.1	45.9	85.9



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.70 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 574983

Ion Ratio Lower Upper

169 100

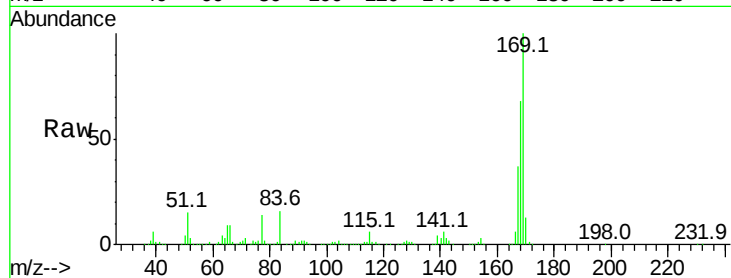
168 68.1 54.4 81.6

167 37.4 29.4 44.0

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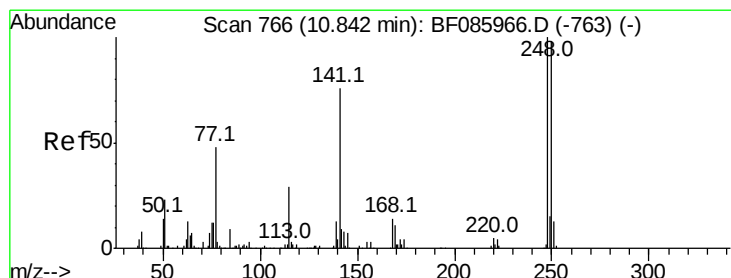
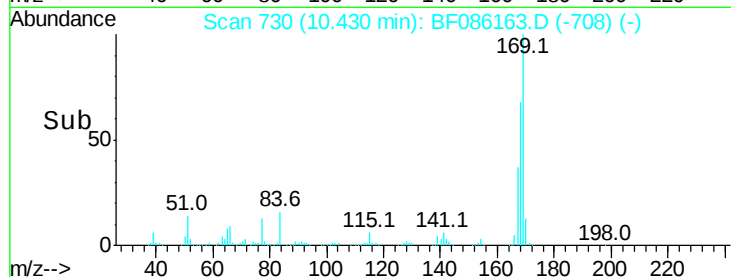
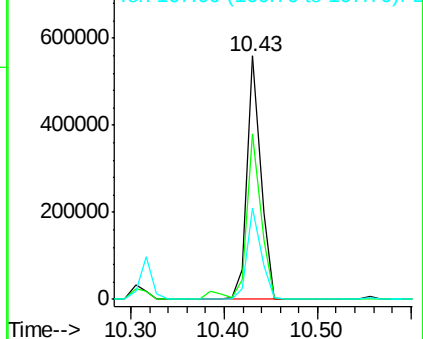
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.52 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

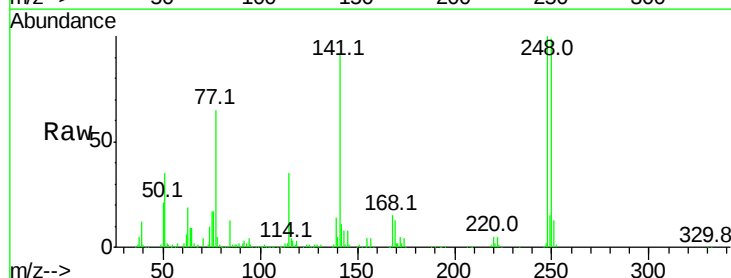
Tgt Ion:248 Resp: 202545

Ion Ratio Lower Upper

248 100

250 99.4 77.4 116.0

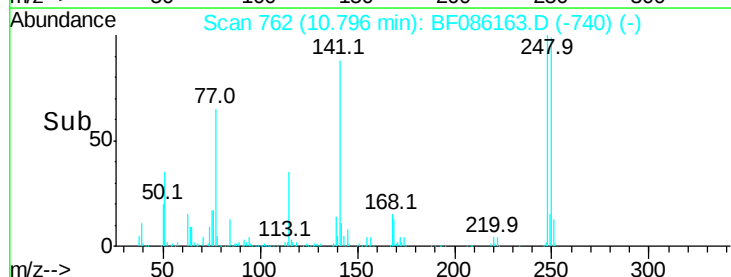
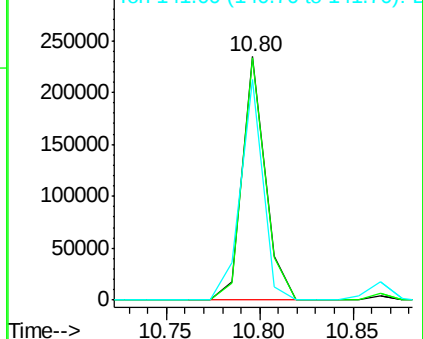
141 90.7 63.6 95.4

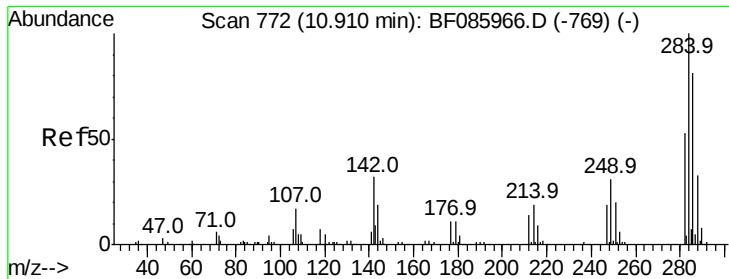


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.31 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

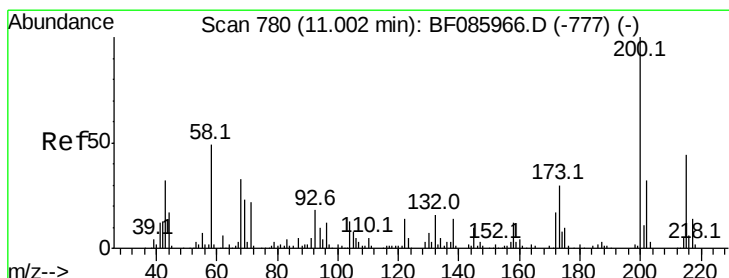
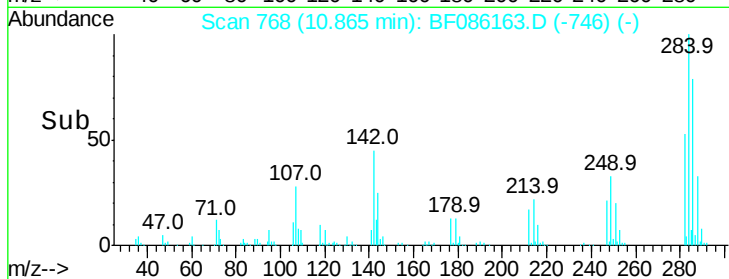
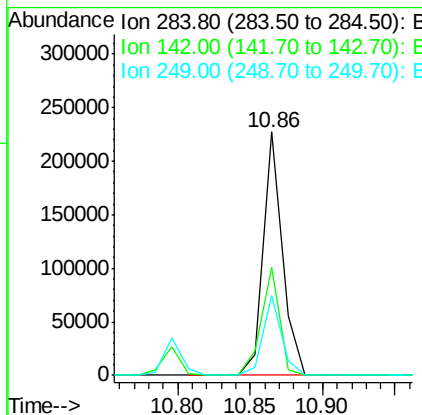
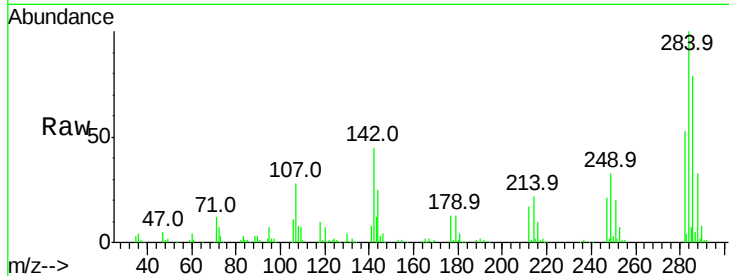
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	208273
Ion Ratio	Lower	Upper	
284	100		
142	44.5	23.1	34.7#
249	32.7	24.2	36.2

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#68

Atrazine

Concen: 42.42 ng

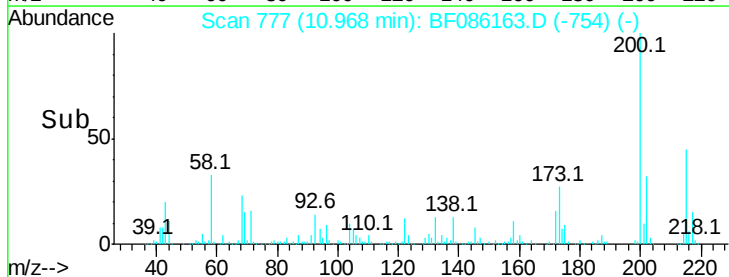
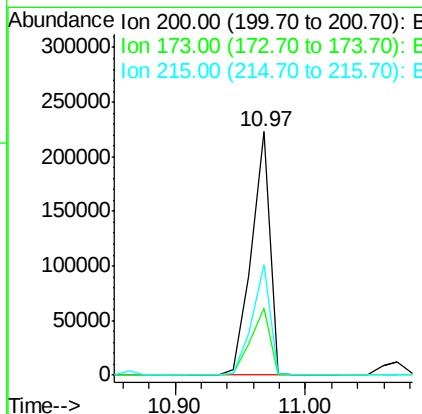
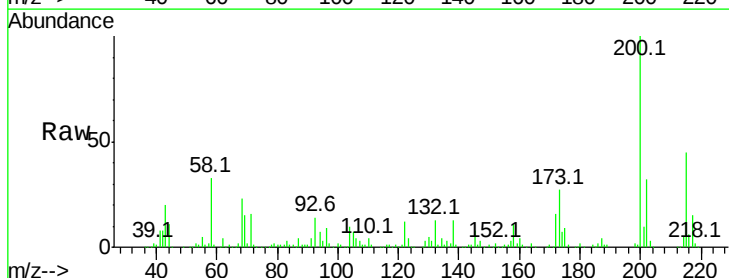
RT: 10.97 min Scan# 777

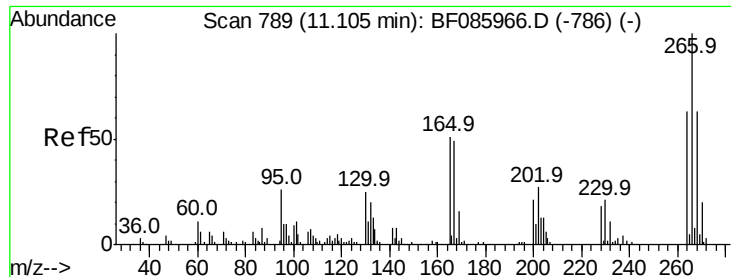
Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	200	Resp:	220753
Ion Ratio	Lower	Upper	
200	100		
173	27.3	7.7	47.7
215	45.2	25.4	65.4





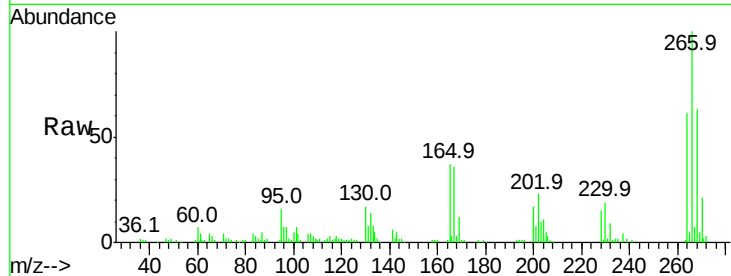
#69
 Pentachlorophenol
 Concen: 34.23 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

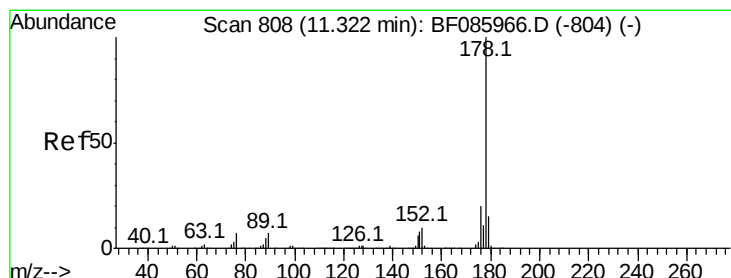
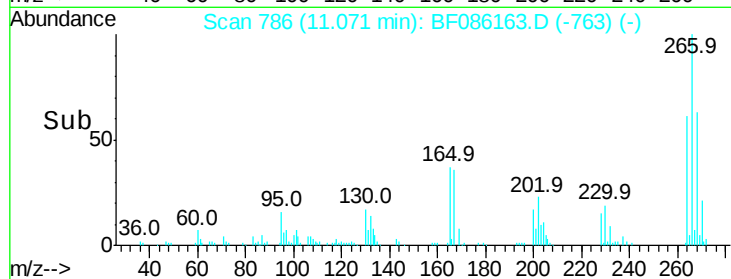
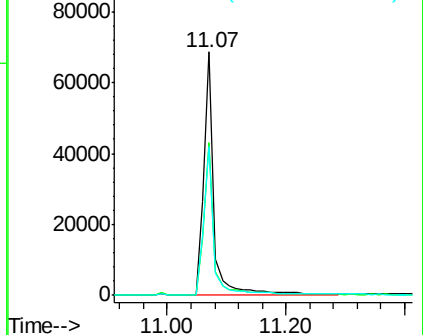
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.5	77.3
264	61.0	50.6	76.0

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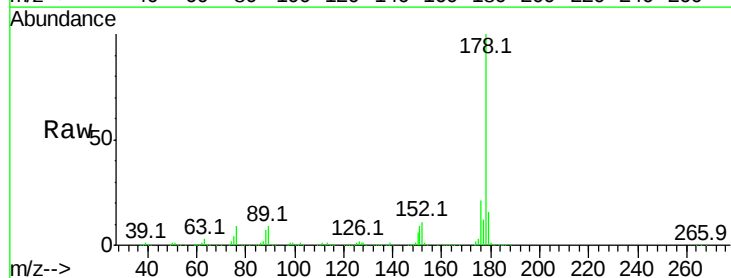


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

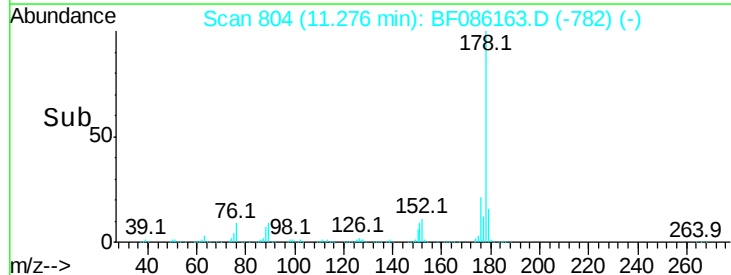
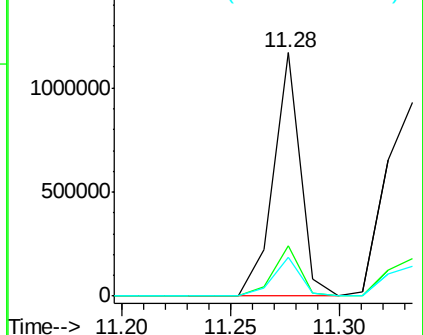


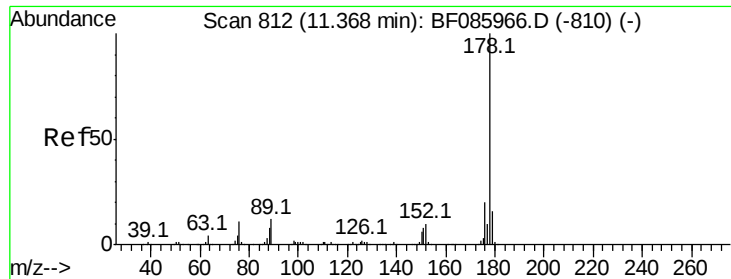
#70
 Phenanthrene
 Concen: 36.16 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.3	24.5
179	16.0	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: 37.83 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

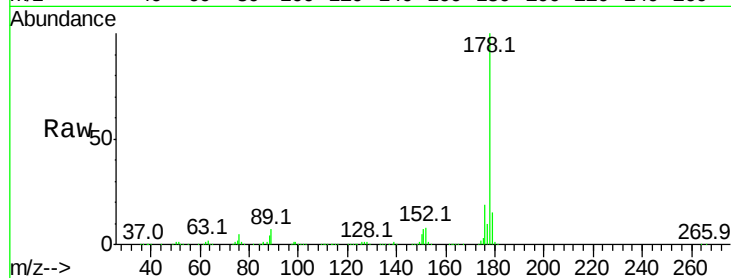
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1113518

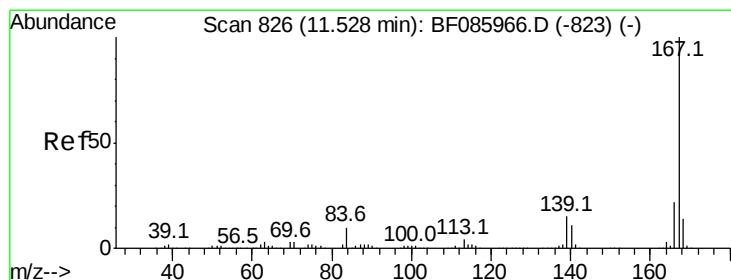
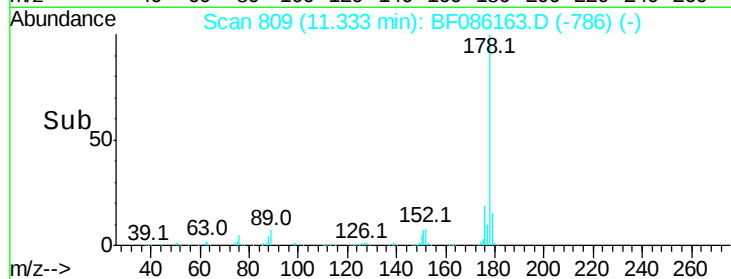
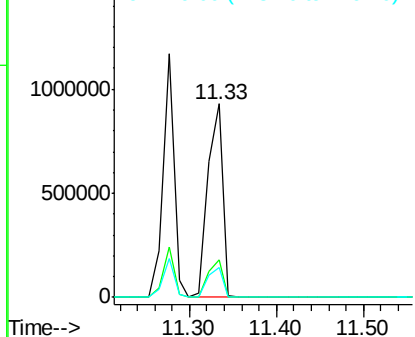
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.3	13.0	19.4

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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

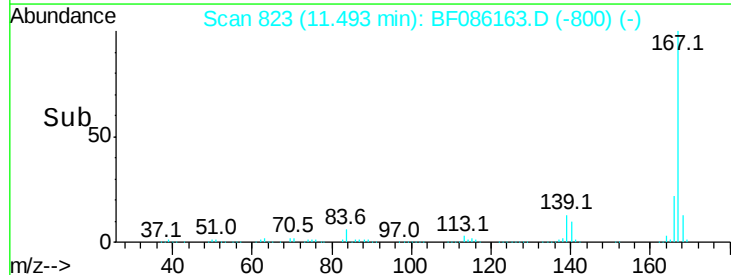
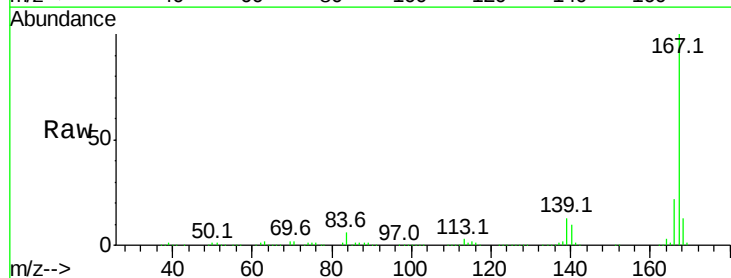
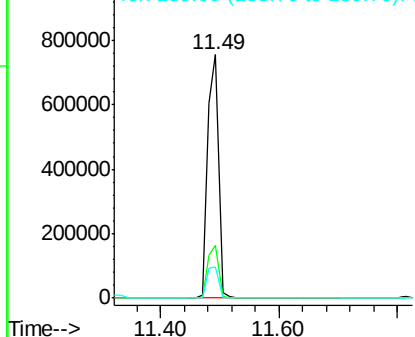


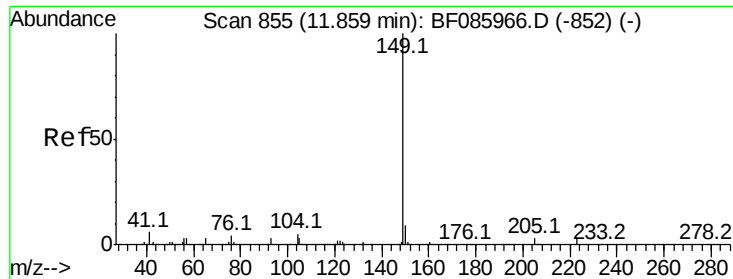
#72
 Carbazole
 Concen: 38.30 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion:167 Resp: 968868

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	12.9	11.6	17.4

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.51 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1113270

Ion Ratio Lower Upper

149 100

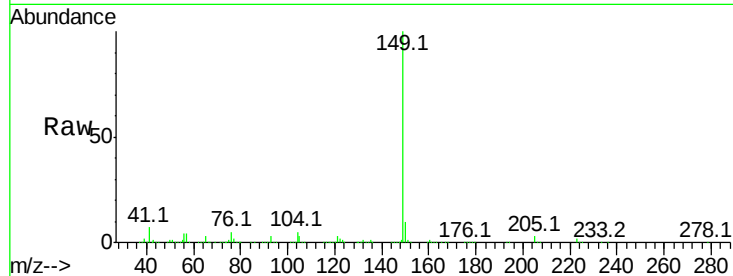
150 9.7 7.6 11.4

104 5.4 3.8 5.8

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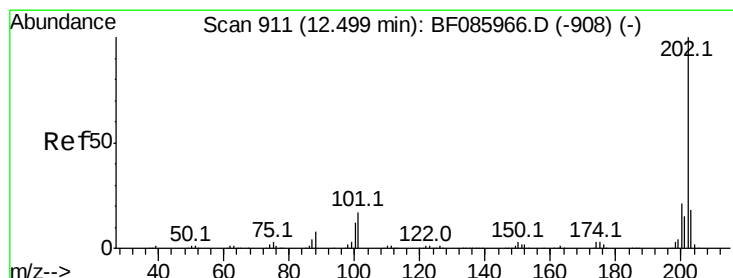
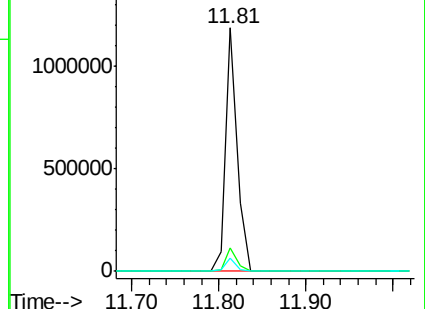
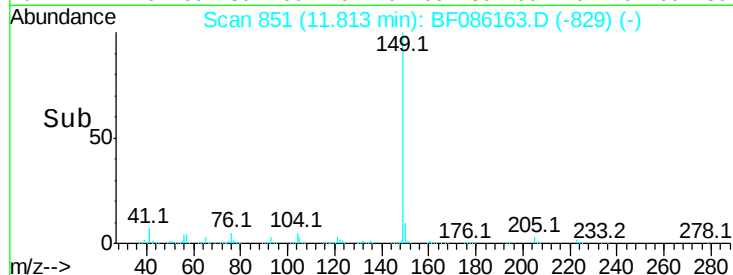
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.93 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

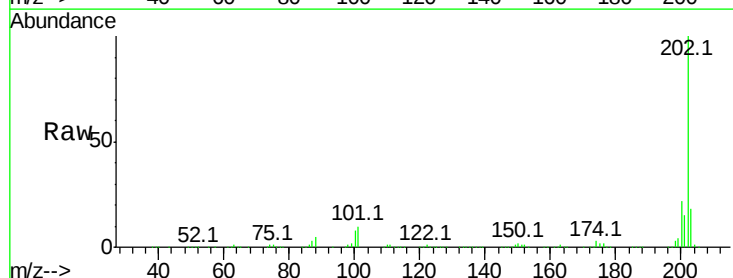
Tgt Ion:202 Resp: 1137681

Ion Ratio Lower Upper

202 100

101 10.1 0.0 36.6

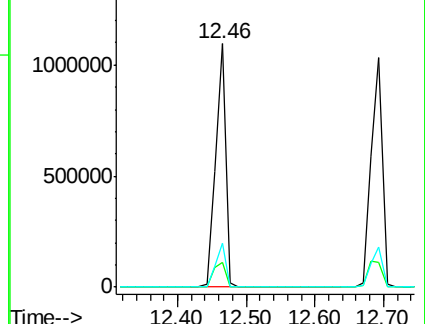
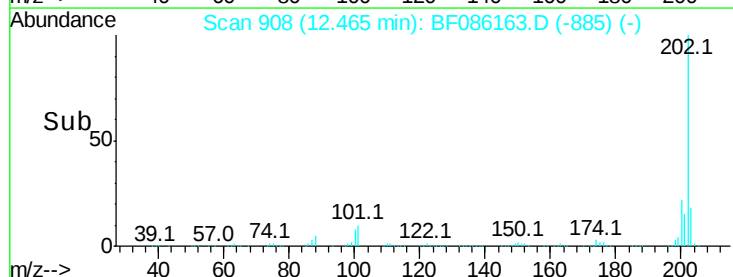
203 18.0 0.0 38.1

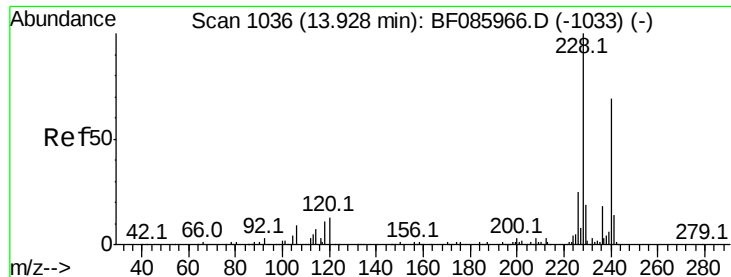


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

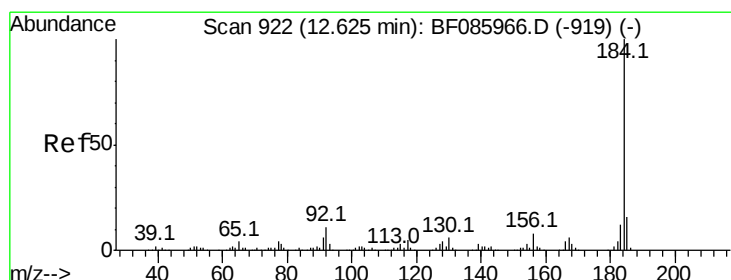
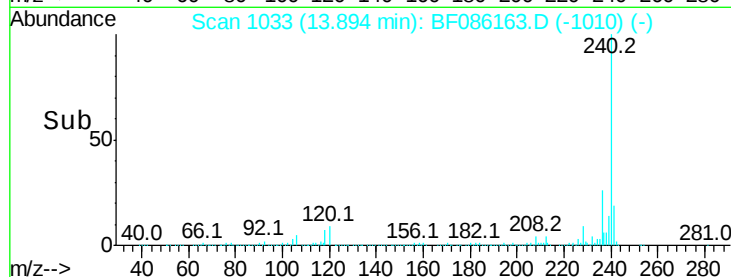
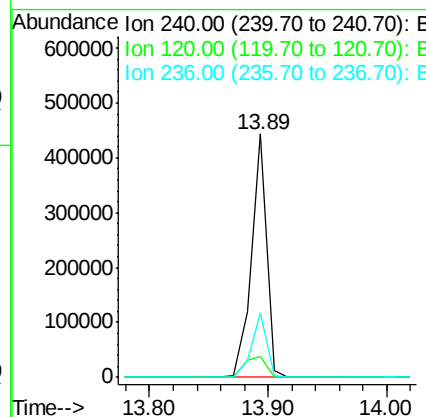
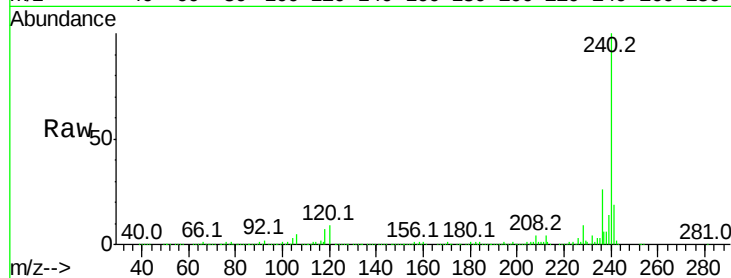
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	13.8	20.8#
236	26.2	20.6	30.8

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#76

Benzidine

Concen: 34.99 ng

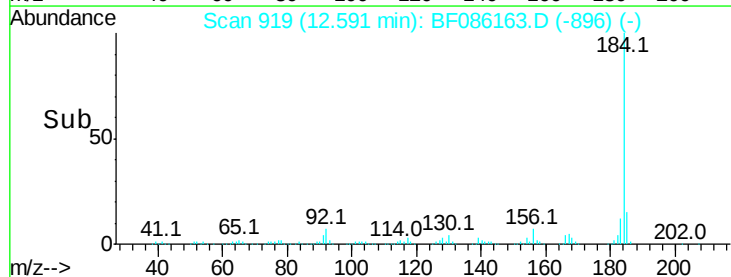
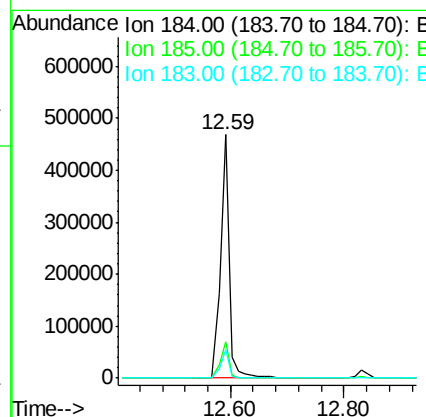
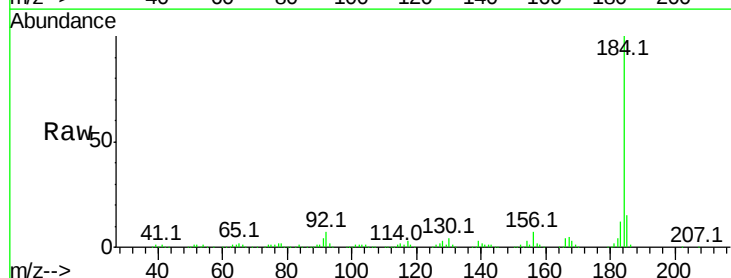
RT: 12.59 min Scan# 919

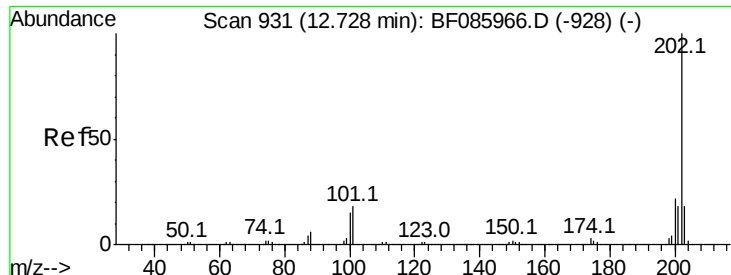
Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.4	18.6
183	11.6	9.4	14.2





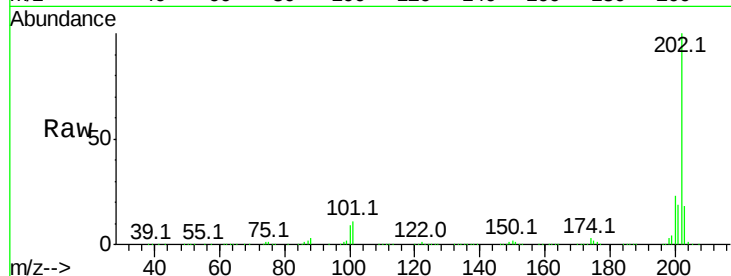
#77
Pvrene
Concen: 40.39 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.03 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

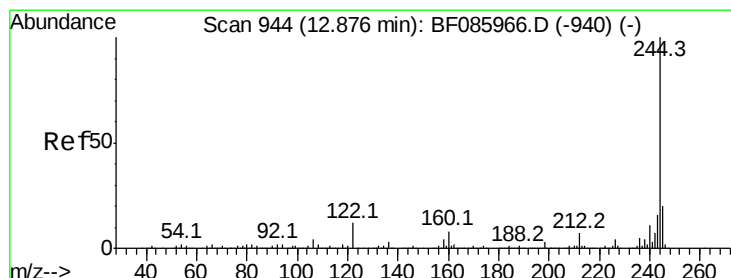
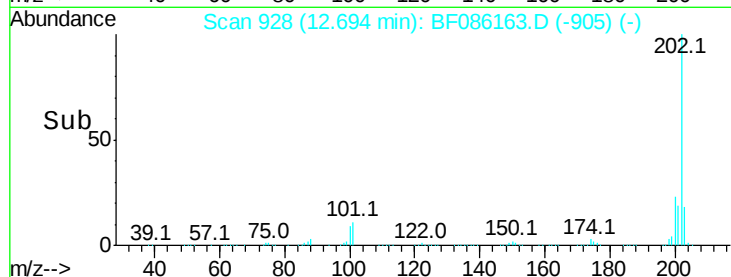
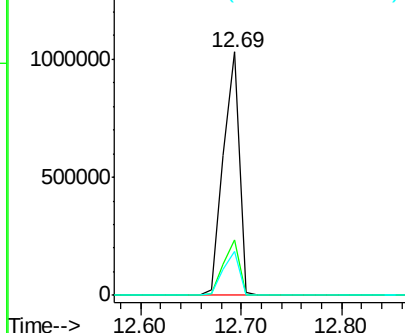
Tot Ion:202 Resp: 1142223
Ion Ratio Lower Upper
202 100
200 22.8 17.6 26.4
203 17.8 14.0 21.0

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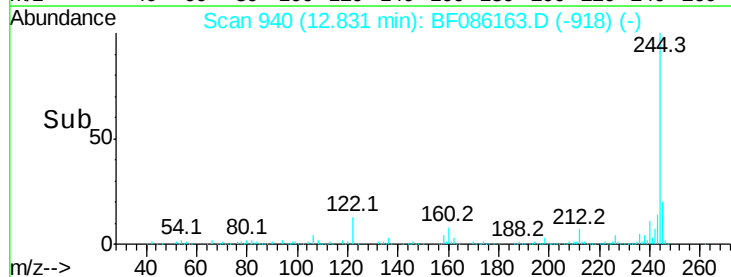
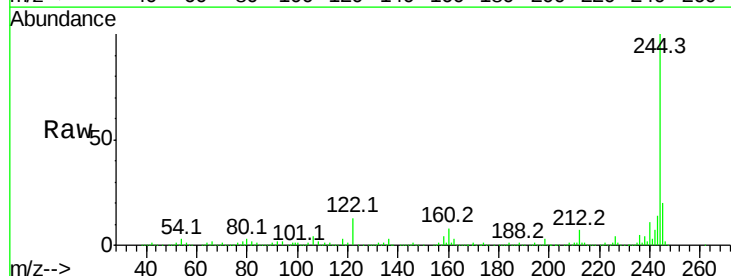
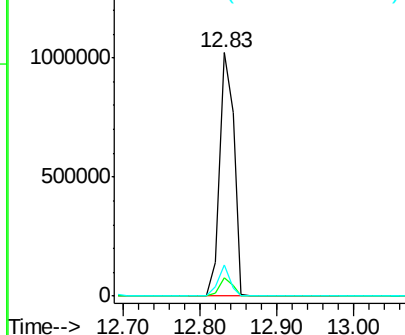
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

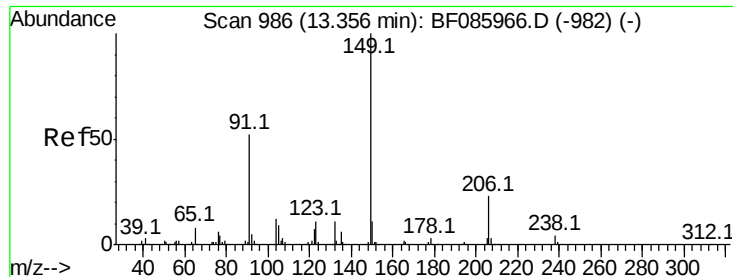


#78
Terphenyl-d14
Concen: 78.04 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion:244 Resp: 1332384
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.0 10.2 15.4

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





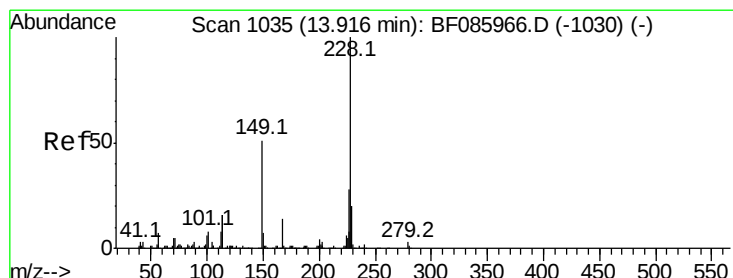
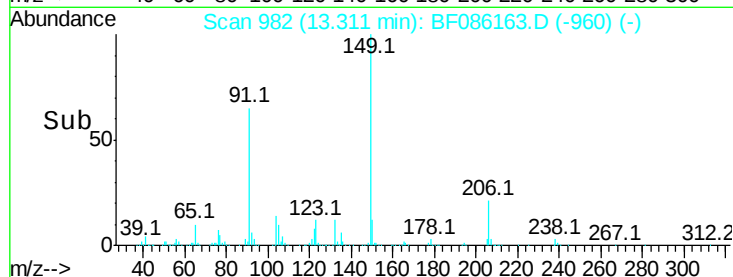
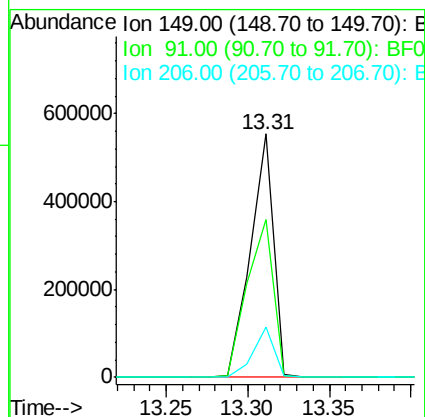
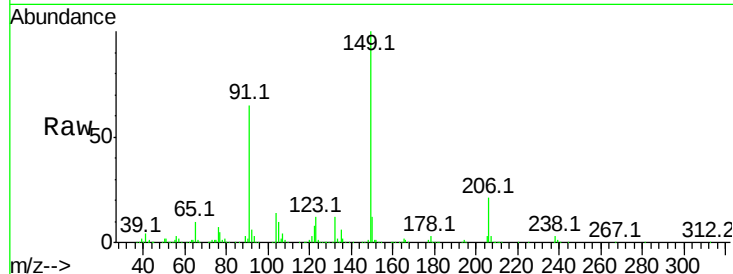
#79
Butylbenzylphthalate
Concen: 42.79 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	544880		
91	64.8		45.8	68.8
206	20.6		17.8	26.8

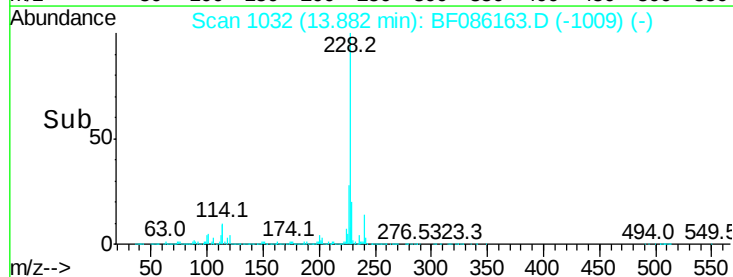
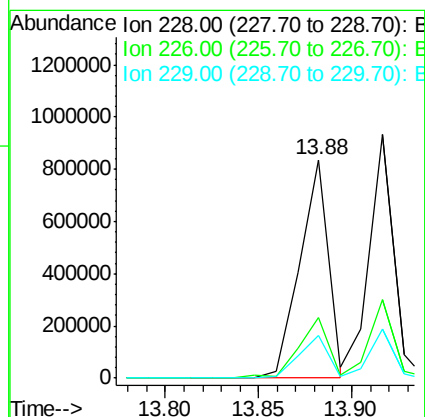
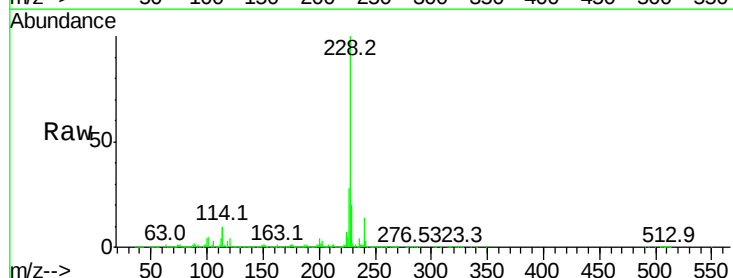
Manual Integrations
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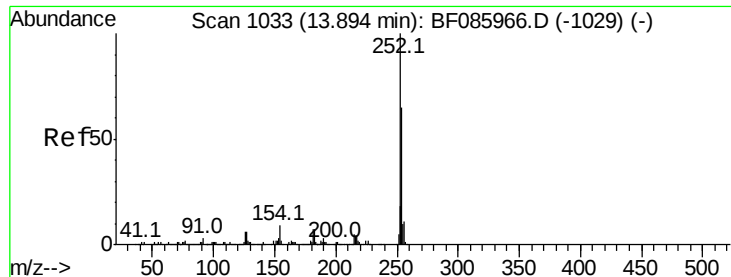
Sohil
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#80
Benzo(a)anthracene
Concen: 38.08 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	900831		
226	28.0		22.1	33.1
229	19.7		16.2	24.4





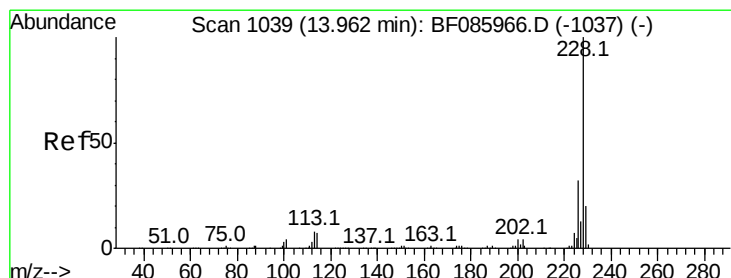
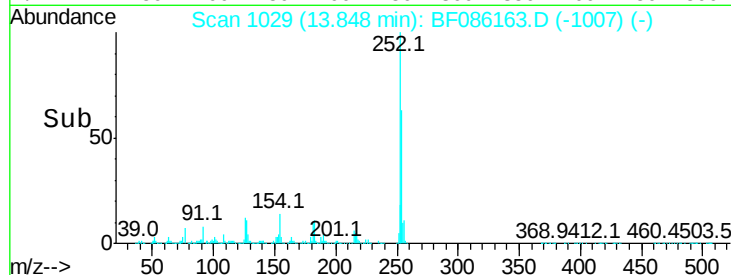
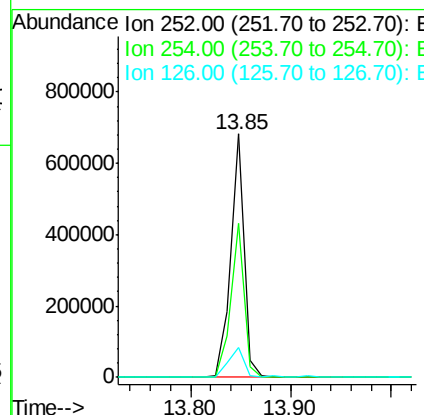
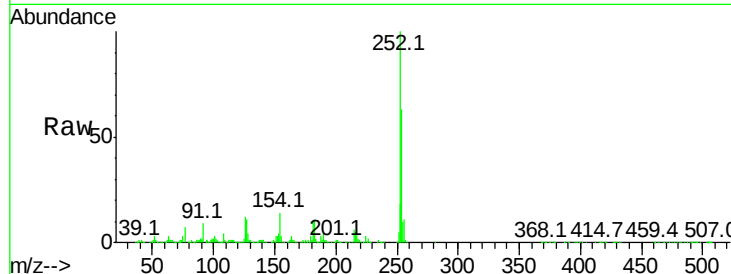
#81
 3,3'-Dichlorobenzidine
 Concen: 36.88 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	637211		
254	63.3	50.7	76.1	
126	12.1	11.8	17.6	

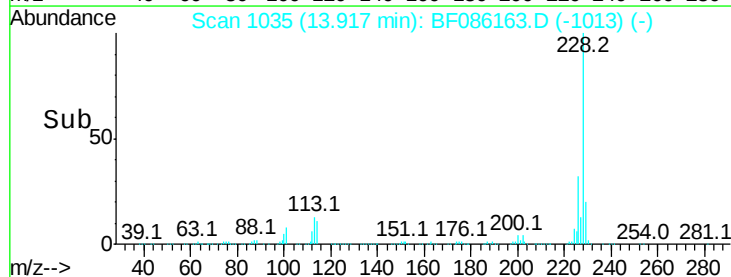
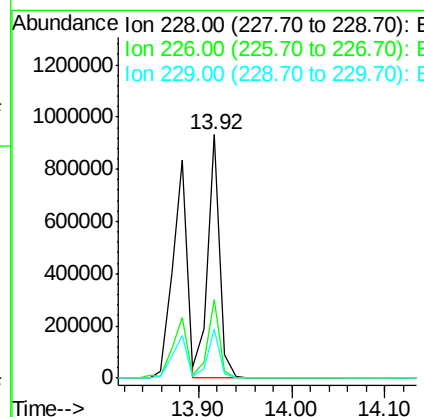
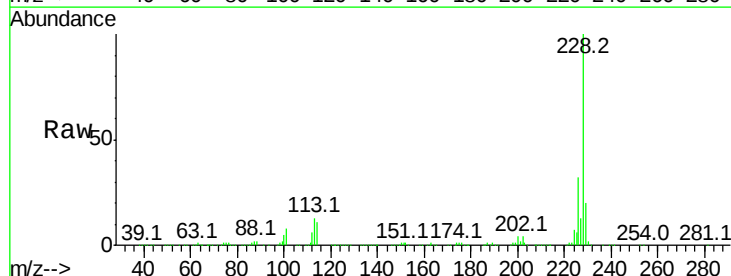
Manual Integrations
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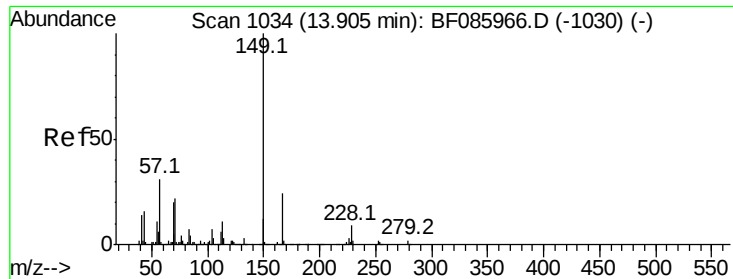
Sohil
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#82
 Chrysene
 Concen: 36.91 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	841160		
226	32.1	25.0	37.6	
229	20.0	15.7	23.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.11 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 694776

Ion Ratio Lower Upper

149 100

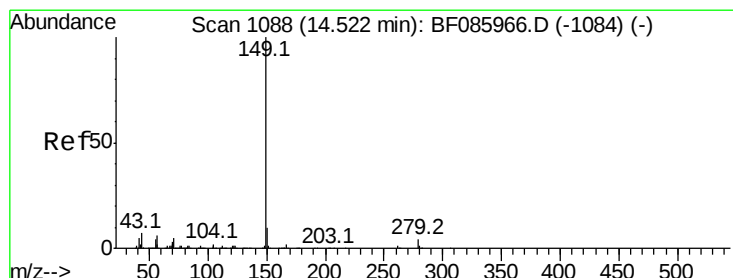
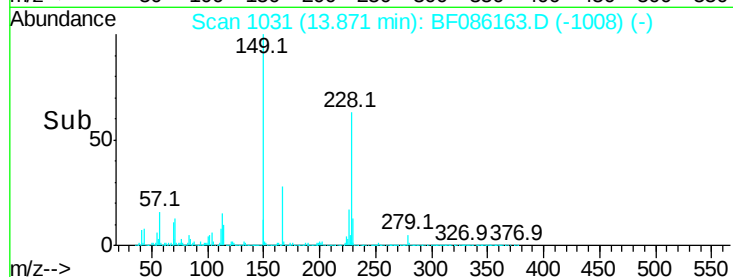
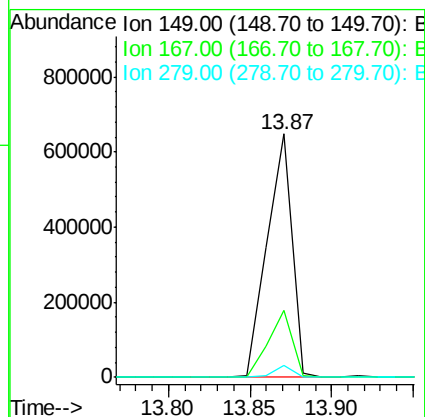
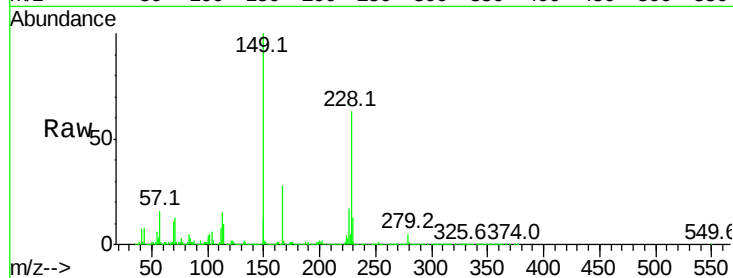
167 27.6 19.4 29.2

279 4.9 1.5 2.3#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.20 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

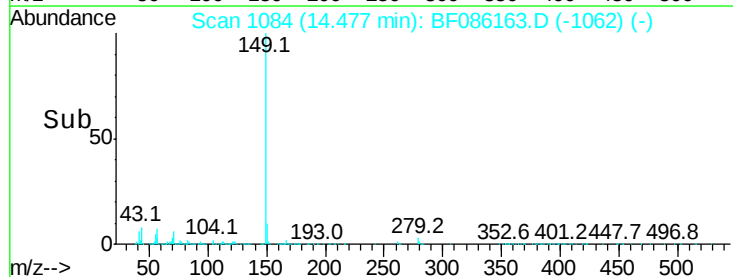
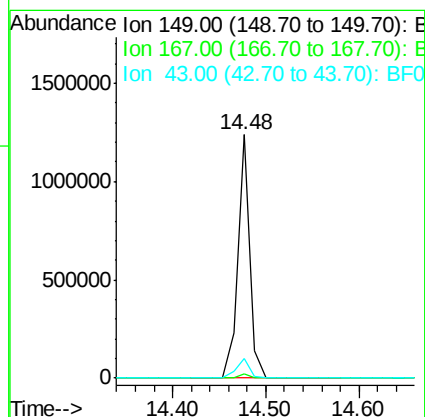
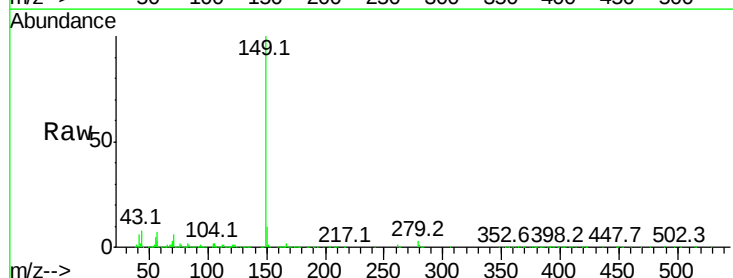
Tgt Ion:149 Resp: 1111916

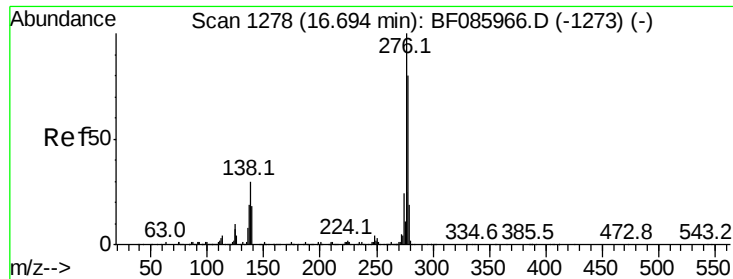
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.9 7.1 10.7





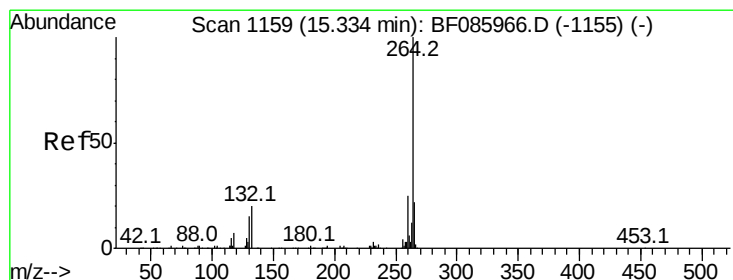
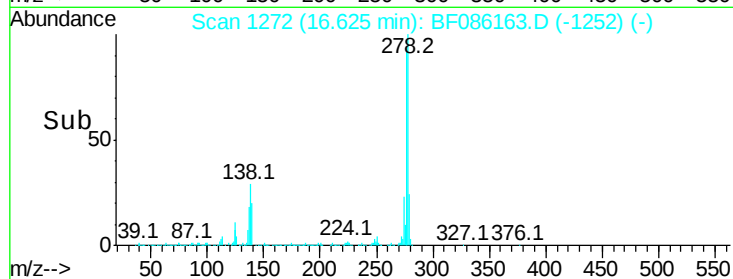
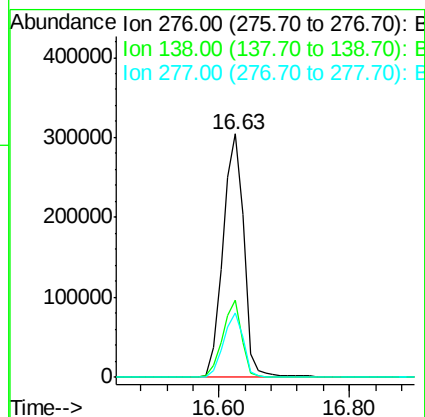
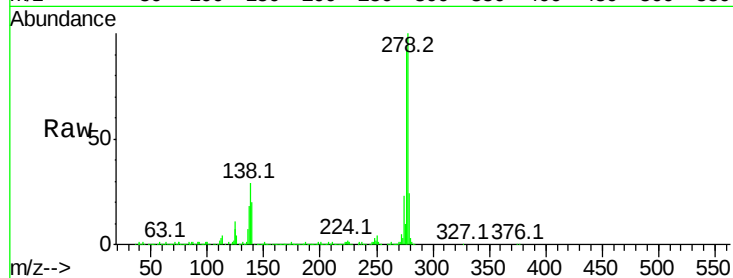
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.71 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.07 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	678618
Ion Ratio	Lower	Upper	
276	100		
138	29.7	24.2	36.4
277	25.6	20.0	30.0

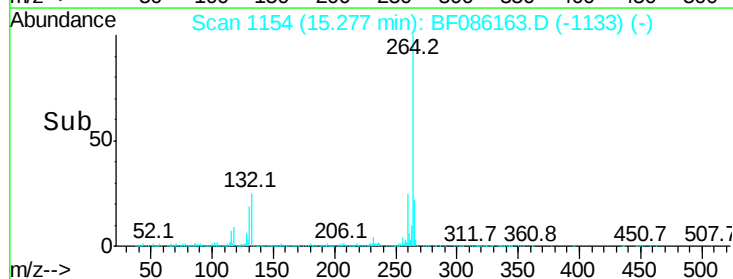
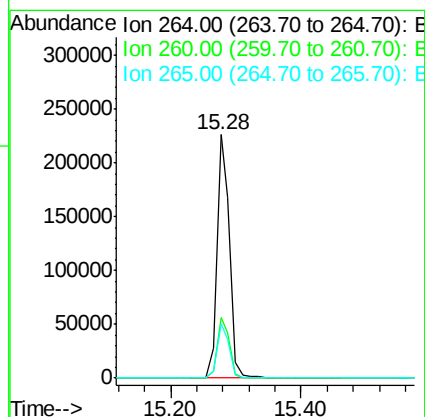
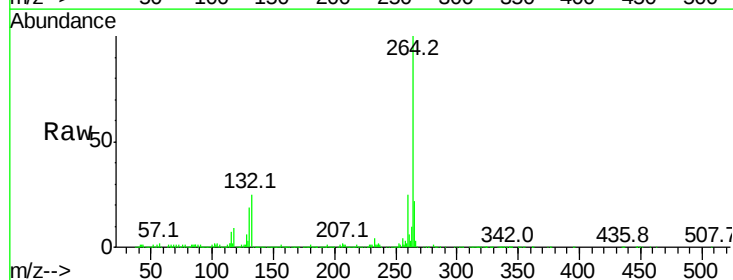
Manual Integrations
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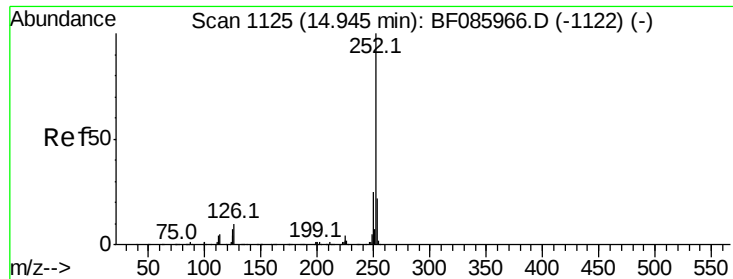
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Tgt Ion:	264	Resp:	307809
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.4	29.2
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 50.08 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Instrument :

BNA_F

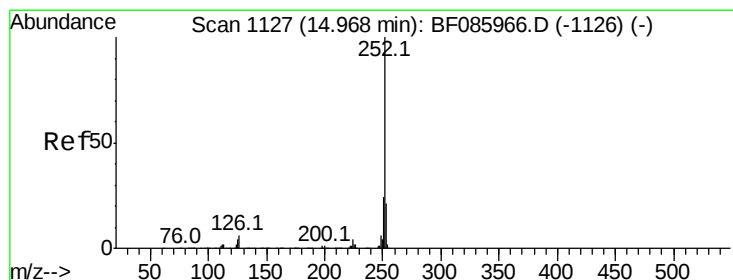
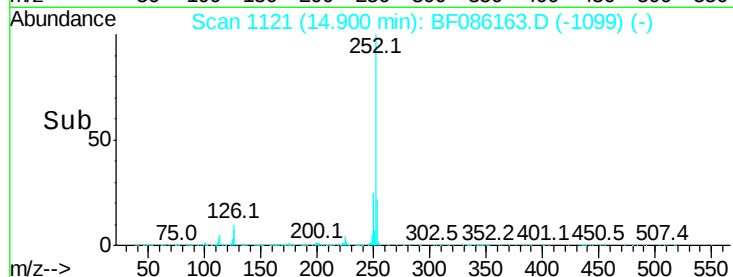
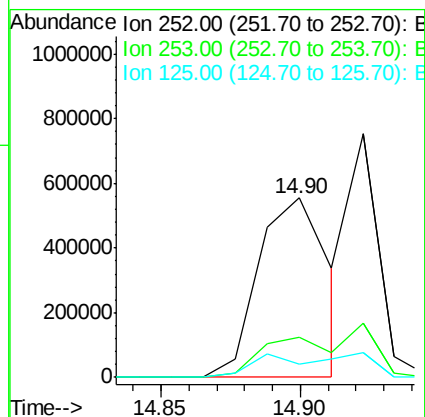
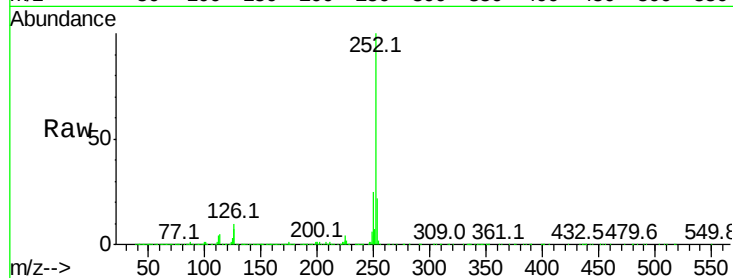
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	969738
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	7.4	10.3	15.5#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 33.64 ng m

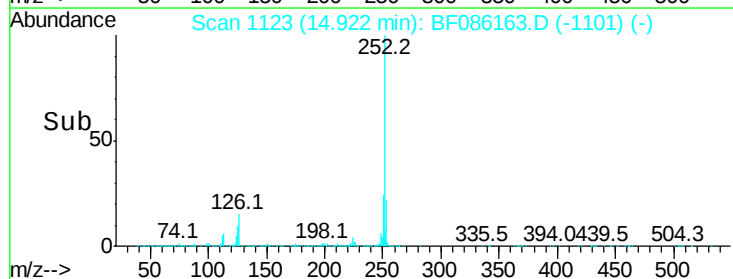
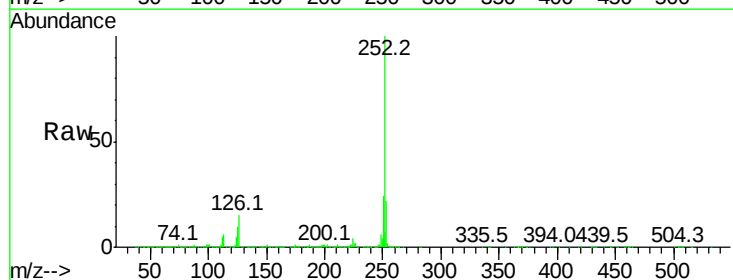
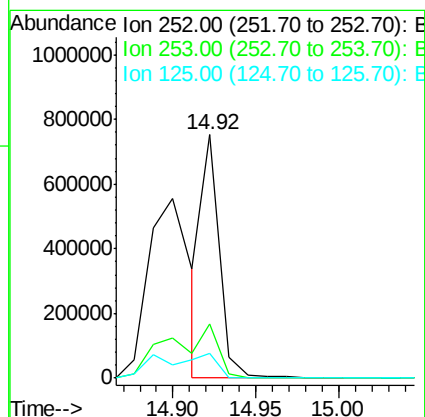
RT: 14.92 min Scan# 1123

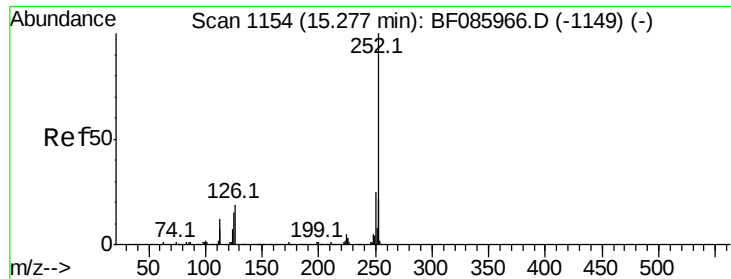
Delta R.T. -0.05 min

Lab File: BF086163.D

Acq: 8 Apr 2016 12:31

Tgt Ion:	252	Resp:	576732
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	10.2	7.7	11.5





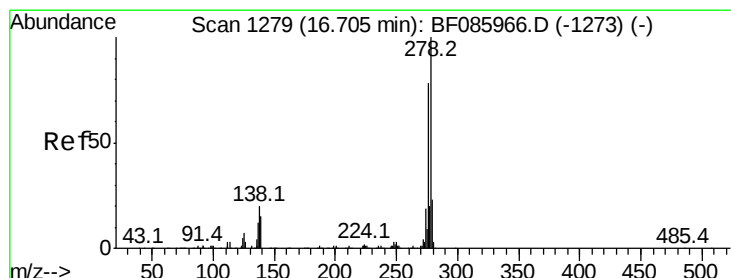
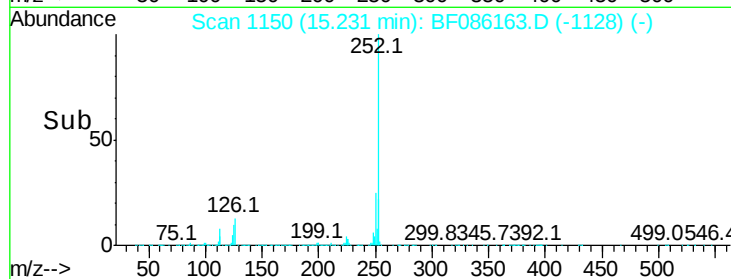
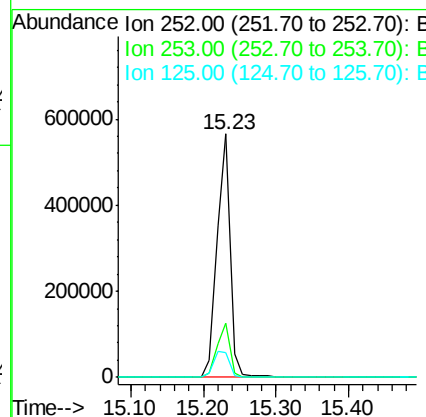
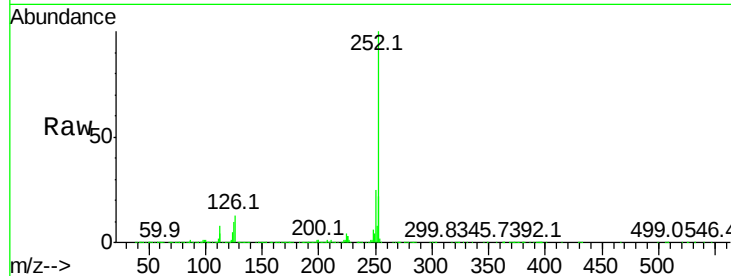
#89
Benzo(a)pyrene
Concen: 41.19 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.9	10.3	15.5

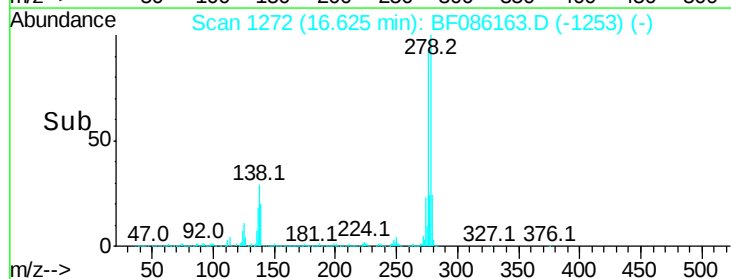
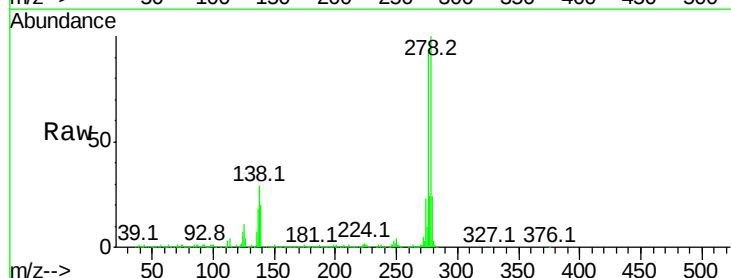
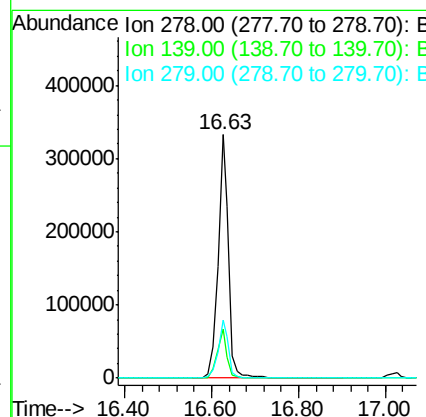
Manual Integrations
APPROVED

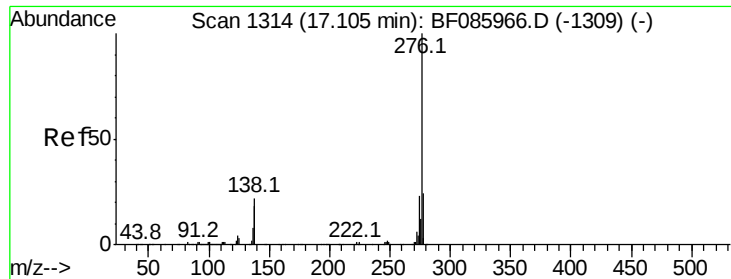
Sohil
4/11/2016 5:45:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.44 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086163.D
Acq: 8 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.4	21.6
279	23.7	19.1	28.7





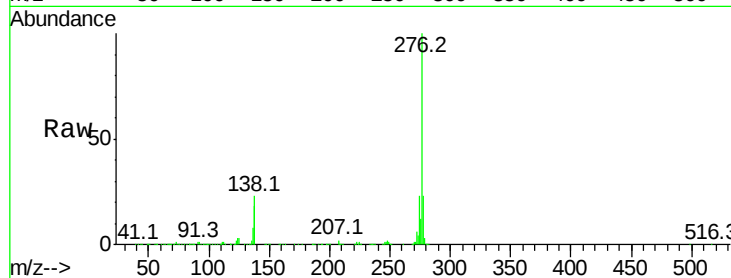
#91
 Benzo(a,h,i)perylene
 Concen: 41.75 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.08 min
 Lab File: BF086163.D
 Acq: 8 Apr 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	557705
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.8	28.2
138	22.9	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:06 PM



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

