

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087563.D
 Acq On : 30 May 2016 22:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/31/2016 7:40:48 PM

Quant Time: May 31 13:40:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	144643	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	551824	20.00	ng	0.00
38) Acenaphthene-d10	12.34	164	261223	20.00	ng	0.01
63) Phenanthrene-d10	14.75	188	470303	20.00	ng	0.01
75) Chrysene-d12	18.46	240	307451	20.00	ng	0.01
86) Perylene-d12	20.17	264	257601	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	634527	77.08	ng	0.01
7) Phenol-d6	7.05	99	813224	73.11	ng	0.01
23) Nitrobenzene-d5	8.41	82	901045	82.29	ng	0.00
41) 2,4,6-Tribromophenol	13.63	330	170407	67.88	ng	0.00
44) 2-Fluorobiphenyl	11.29	172	1404990	75.83	ng	0.00
78) Terphenyl-d14	17.10	244	1229329	85.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	151273	34.83	ng	# 72
3) Pyridine	2.35	79	312584m	32.92	ng	
4) n-Nitrosodimethylamine	2.33	42	271704	37.14	ng	# 45
6) Aniline	6.98	93	557251	38.73	ng	97
8) 2-Chlorophenol	7.16	128	392472	38.23	ng	90
9) Benzaldehyde	6.81	77	241632	39.35	ng	98
10) Phenol	7.07	94	454278	37.40	ng	78
11) bis(2-Chloroethyl)ether	7.12	93	368956	37.53	ng	86
12) 1,3-Dichlorobenzene	7.37	146	409039	36.53	ng	# 92
13) 1,4-Dichlorobenzene	7.50	146	432052	37.59	ng	# 91
14) 1,2-Dichlorobenzene	7.74	146	407373	38.31	ng	99
15) Benzyl Alcohol	7.79	79	314055	38.73	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.96	45	793286	35.86	ng	88
17) 2-Methylphenol	8.02	107	321607	39.09	ng	# 89
18) Hexachloroethane	8.24	117	163701	38.17	ng	95
19) n-Nitroso-di-n-propylamine	8.20	70	305877	36.87	ng	# 68
20) 3+4-Methylphenols	8.27	107	419351	42.17	ng	# 58
22) Acetophenone	8.17	105	555979	42.17	ng	# 91
24) Nitrobenzene	8.43	77	484564	41.93	ng	97
25) Isophorone	8.82	82	781665	39.81	ng	# 98
26) 2-Nitrophenol	8.95	139	180552	38.22	ng	# 82
27) 2,4-Dimethylphenol	9.08	122	334130	40.74	ng	# 85
28) bis(2-Chloroethoxy)methane	9.20	93	428014	38.70	ng	98
29) 2,4-Dichlorophenol	9.38	162	307077	41.55	ng	98
30) 1,2,4-Trichlorobenzene	9.44	180	334715	39.56	ng	98
31) Naphthalene	9.54	128	1096200	39.64	ng	99
32) Benzoic acid	9.45	122	85900	23.70	ng	# 75
33) 4-Chloroaniline	9.70	127	411690	40.42	ng	# 93
34) Hexachlorobutadiene	9.75	225	204502	39.76	ng	98
35) Caprolactam	10.35	113	87426	40.53	ng	# 48
36) 4-Chloro-3-methylphenol	10.58	107	322228	38.56	ng	94
37) 2-Methylnaphthalene	10.67	142	719533	41.65	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	321460	38.44	ng	98
40) Hexachlorocyclopentadiene	10.90	237	37114	18.97	ng	99

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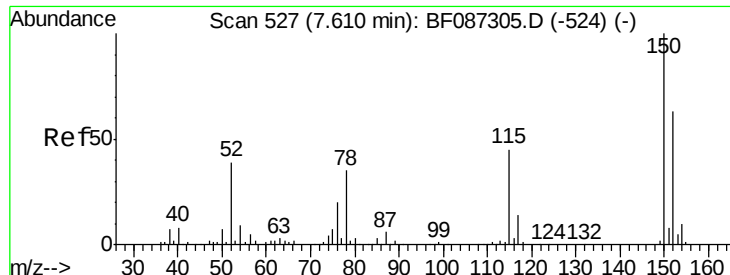
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	171461	35.53	nq	93
43) 2,4,5-Trichlorophenol	11.29	196	159709	32.49	nq	# 84
45) 1,1'-Biphenyl	11.44	154	875976	39.83	nq	98
46) 2-Chloronaphthalene	11.45	162	661061	39.29	nq	# 90
47) 2-Nitroaniline	11.69	65	255356	42.12	nq	# 74
48) Acenaphthylene	12.11	152	1013057	38.03	nq	99
49) Dimethylphthalate	12.00	163	809009	38.66	nq	99
50) 2,6-Dinitrotoluene	12.09	165	157203	37.28	nq	# 58
51) Acenaphthene	12.39	154	616629	37.66	nq	98
52) 3-Nitroaniline	12.38	138	171142	39.55	nq	# 74
53) 2,4-Dinitrophenol	12.71	184	6308	9.23	nq	# 1
54) Dibenzofuran	12.69	168	853514	38.50	nq	97
55) 4-Nitrophenol	12.86	139	32386	15.69	nq	# 1
56) 2,4-Dinitrotoluene	12.77	165	233528	41.44	nq	# 85
57) Fluorene	13.23	166	726091	37.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.94	232	106089	28.06	nq	94
59) Diethylphthalate	13.13	149	791437	38.90	nq	99
60) 4-Chlorophenyl-phenylether	13.26	204	345561	36.86	nq	93
61) 4-Nitroaniline	13.38	138	147287	36.47	nq	# 47
62) Azobenzene	13.52	77	757843	35.91	nq	86
64) 4,6-Dinitro-2-methylphenol	13.45	198	43264	14.47	nq	# 25
65) n-Nitrosodiphenylamine	13.47	169	593411	39.02	nq	99
66) 4-Bromophenyl-phenylether	14.05	248	198118	38.51	nq	# 89
67) Hexachlorobenzene	14.11	284	207441	38.55	nq	# 70
68) Atrazine	14.39	200	120682	24.89	nq	92
69) Pentachlorophenol	14.51	266	23006	18.87	nq	97
70) Phenanthrene	14.79	178	1029092	39.50	nq	99
71) Anthracene	14.87	178	1055272	40.10	nq	99
72) Carbazole	15.18	167	824973	36.75	nq	99
73) Di-n-butylphthalate	15.73	149	1134788	39.09	nq	# 98
74) Fluoranthene	16.56	202	937428	35.89	nq	93
76) Benzidine	16.81	184	183391	23.18	nq	97
77) Pyrene	16.86	202	963545	43.54	nq	99
79) Butylbenzylphthalate	17.75	149	408431	41.62	nq	# 63
80) Benzo(a)anthracene	18.45	228	649230	37.12	nq	99
81) 3,3'-Dichlorobenzidine	18.42	252	378037	39.13	nq	# 98
82) Chrysene	18.49	228	655461	37.76	nq	100
83) Bis(2-ethylhexyl)phthalate	18.49	149	558652	39.01	nq	96
84) Di-n-octyl phthalate	19.26	149	873885	40.01	nq	# 82
85) Indeno(1,2,3-cd)pyrene	21.38	276	512146	36.81	nq	96
87) Benzo(b)fluoranthene	19.73	252	564781m	34.42	nq	
88) Benzo(k)fluoranthene	19.76	252	753225m	53.33	nq	
89) Benzo(a)pyrene	20.09	252	567020	39.95	nq	99
90) Dibenzo(a,h)anthracene	21.37	278	488149	40.33	nq	96
91) Benzo(g,h,i)perylene	21.79	276	368726	30.87	nq	# 90

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



#1

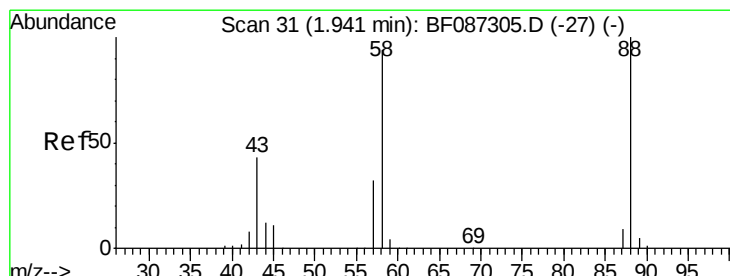
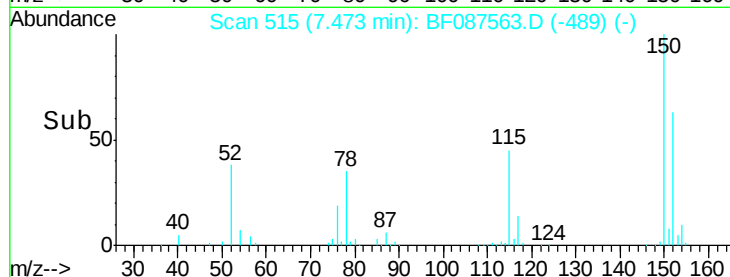
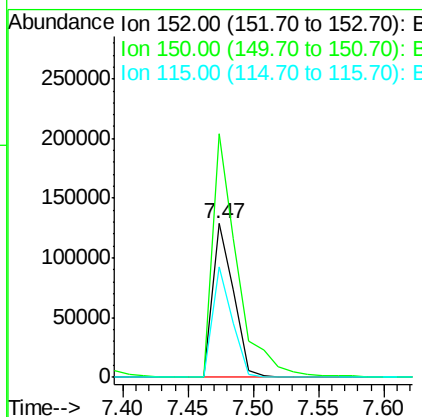
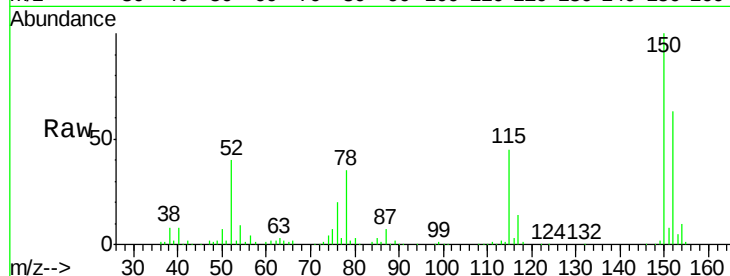
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.8	188.6
115	71.9	51.5	77.3

Manual Integrations
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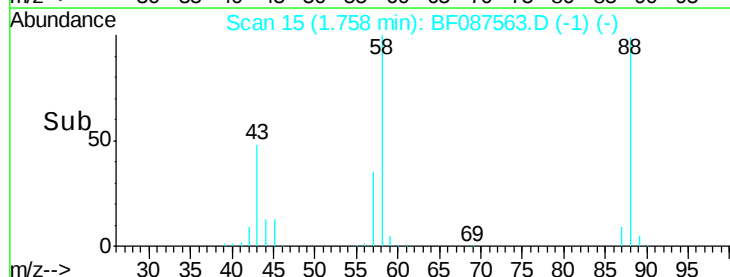
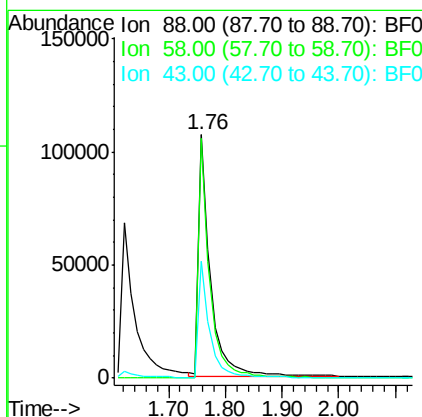
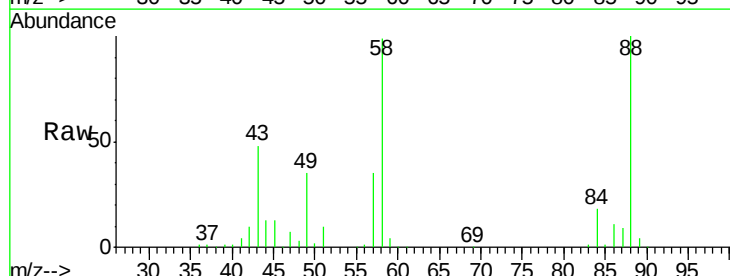
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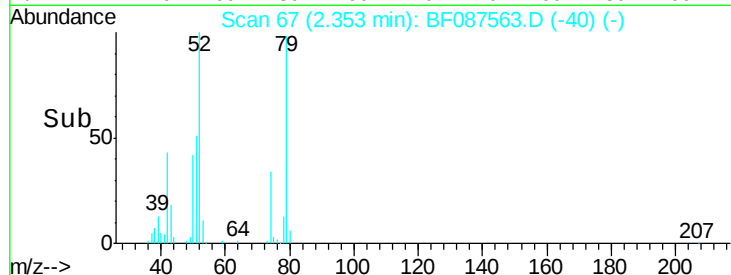
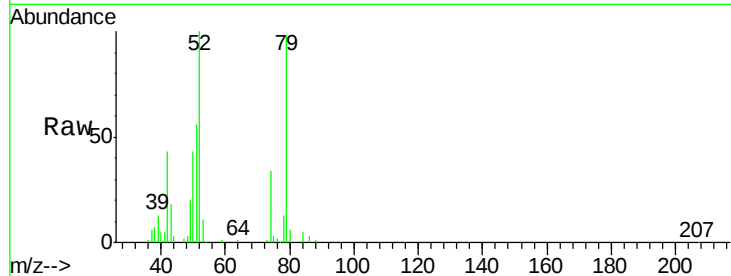


#2

1,4-Dioxane
Concen: 34.83 ng
RT: 1.76 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.8	59.6	89.4#
43	48.3	21.8	32.6#





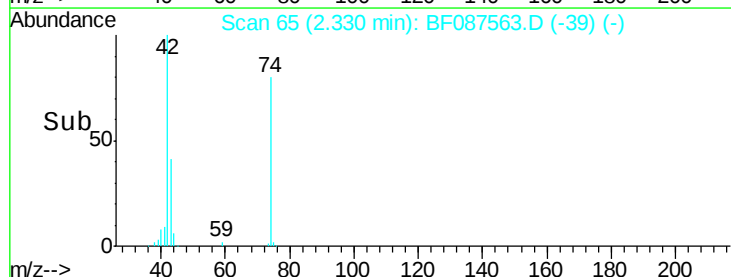
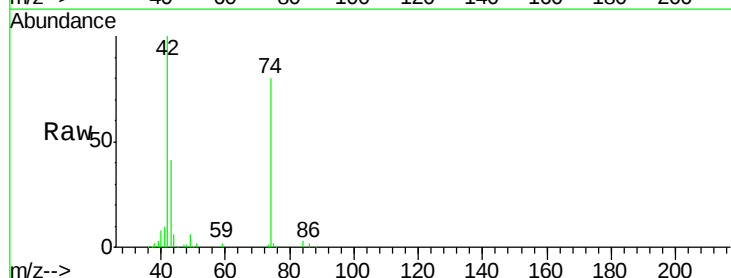
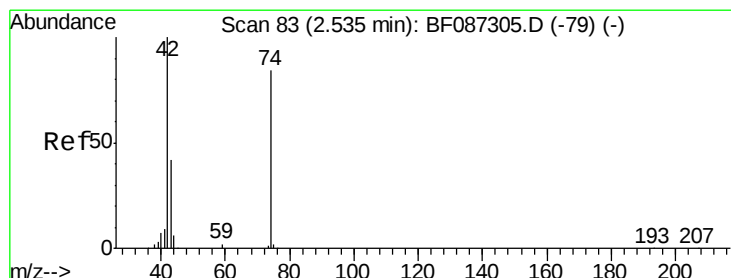
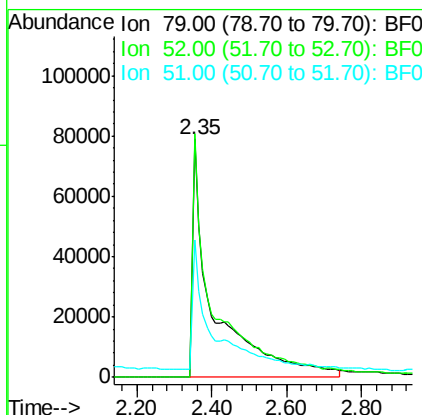
#3
Pvridine
Concen: 32.92 ng/ml
RT: 2.35 min Scan# 67
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	102.1	55.9	83.9#	
51	51	57.6	28.1	42.1#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

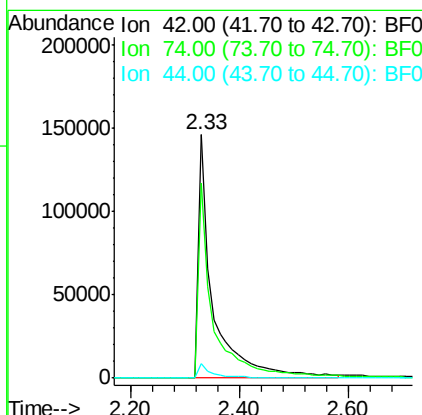
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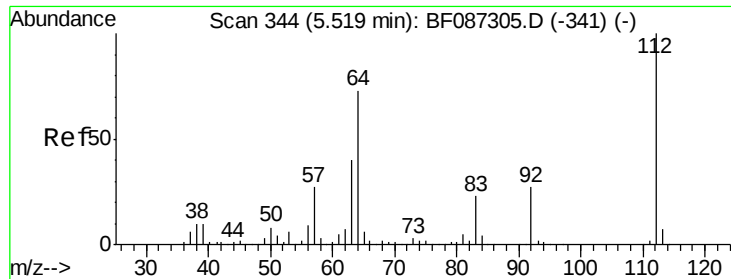
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#4
n-Nitrosodimethylamine
Concen: 37.14 ng/ml
RT: 2.33 min Scan# 65
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	80.1	123.4	185.0#	
44	44	6.0	5.8	8.6	





#5

2-Fluorophenol

Concen: 77.08 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

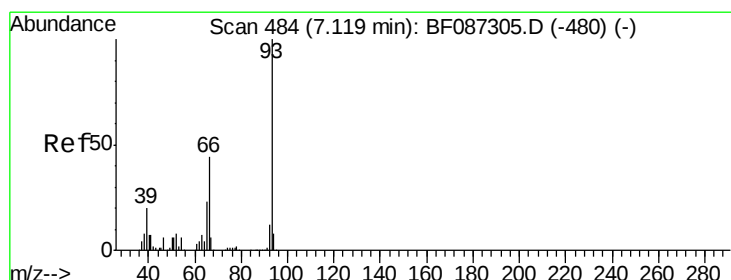
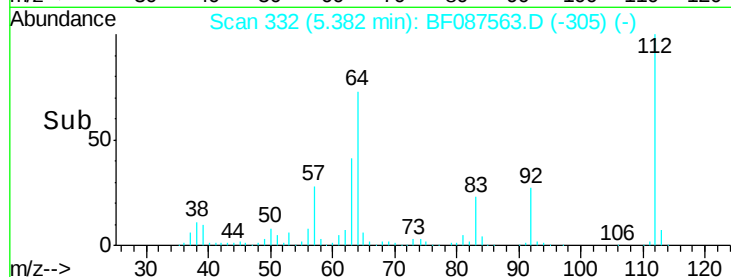
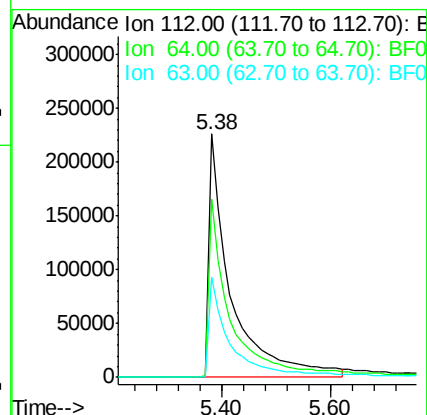
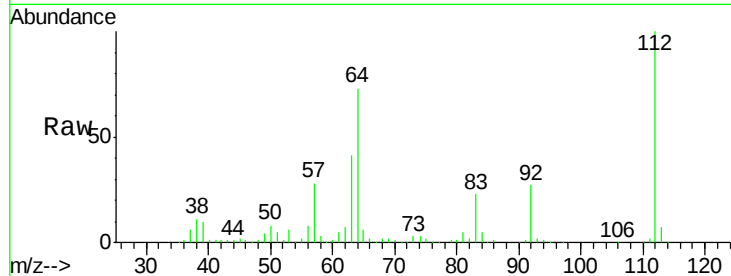
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	634527
Ion Ratio	Lower	Upper	
112	100		
64	73.2	52.1	78.1
63	41.1	25.7	38.5

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#6

Aniline

Concen: 38.73 ng

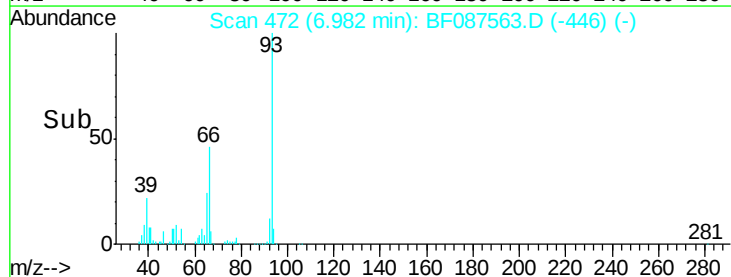
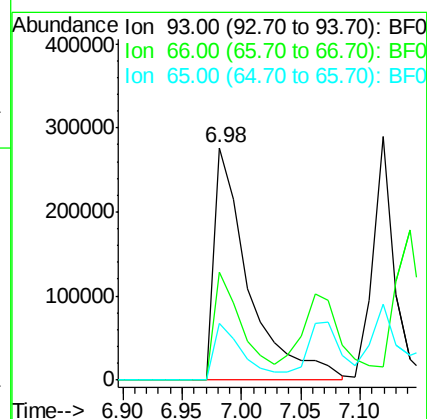
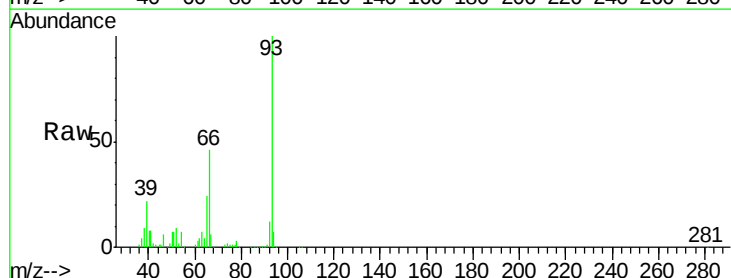
RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	93	Resp:	557251
Ion Ratio	Lower	Upper	
93	100		
66	46.3	39.0	58.6
65	24.5	20.6	31.0





#7

Phenol-d6

Concen: 73.11 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

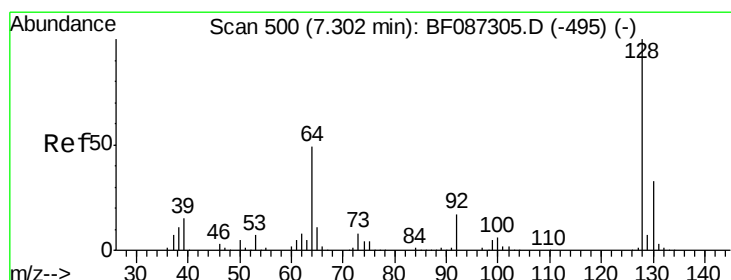
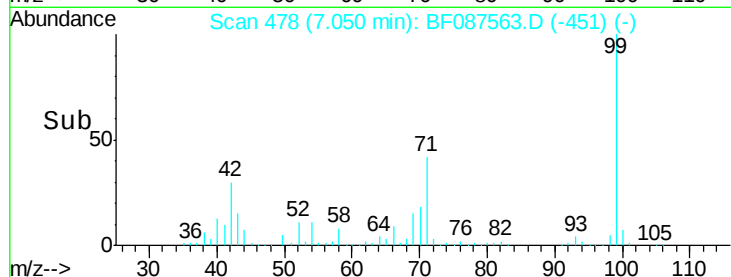
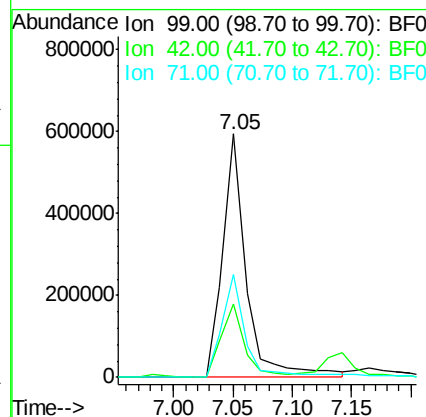
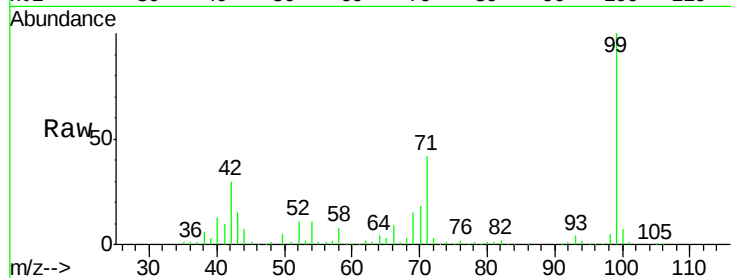
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	813224
Ion Ratio	Lower	Upper	
99	100		
42	30.4	13.6	20.4#
71	42.3	24.6	36.8#

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#8

2-Chlorophenol

Concen: 38.23 ng

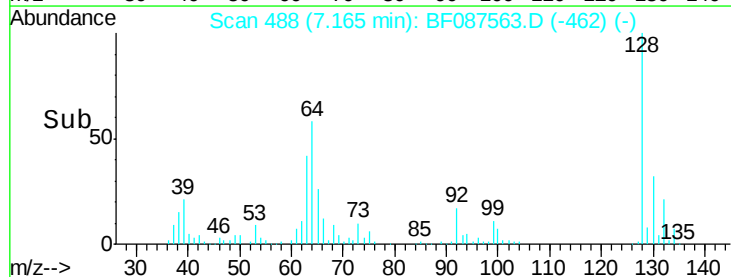
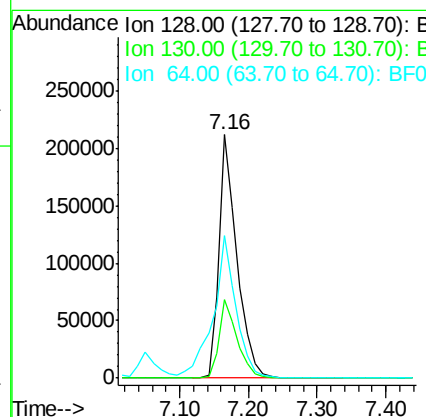
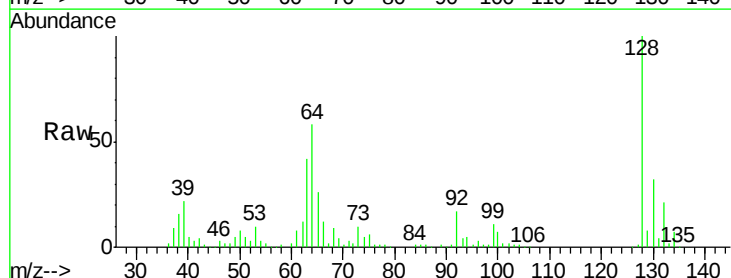
RT: 7.16 min Scan# 488

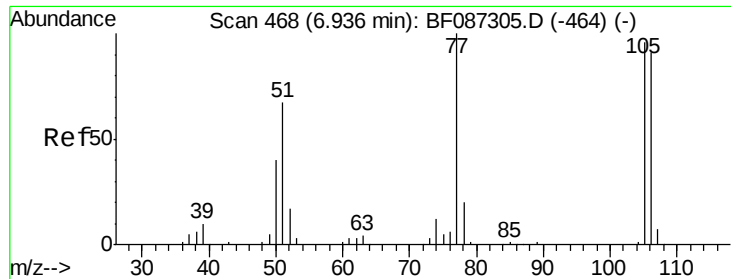
Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	128	Resp:	392472
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.5	52.5
64	58.3	27.3	67.3





#9

Benzaldehyde

Concen: 39.35 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 241632

Ion Ratio Lower Upper

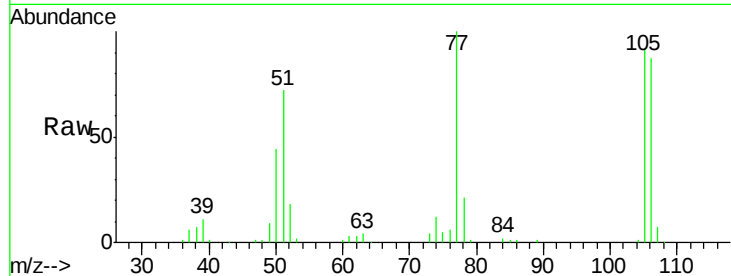
77 100

105 92.2 72.7 112.7

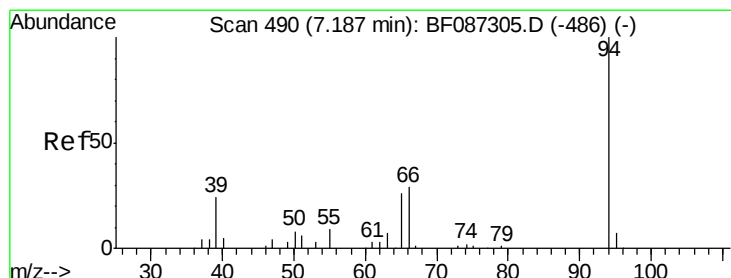
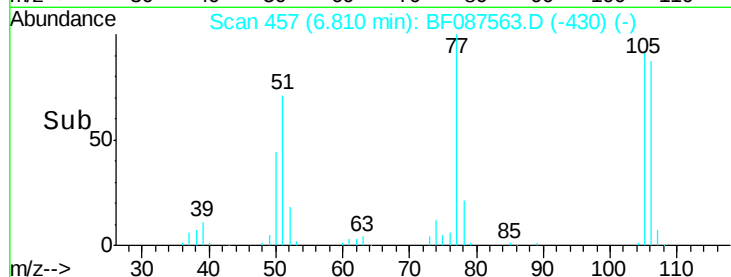
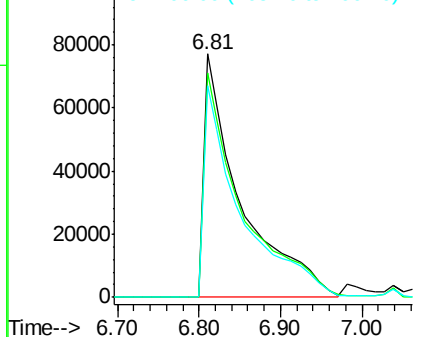
106 86.7 70.8 110.8

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 37.40 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

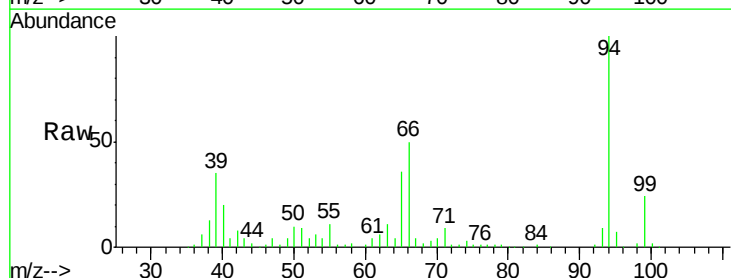
Tgt Ion: 94 Resp: 454278

Ion Ratio Lower Upper

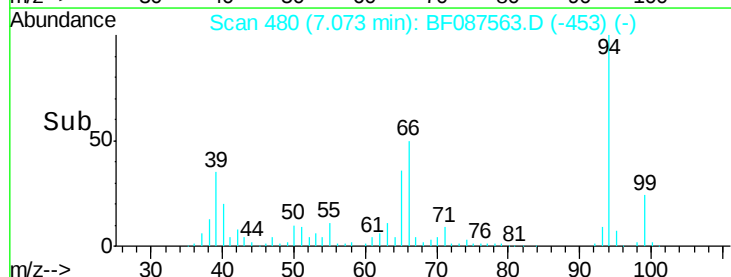
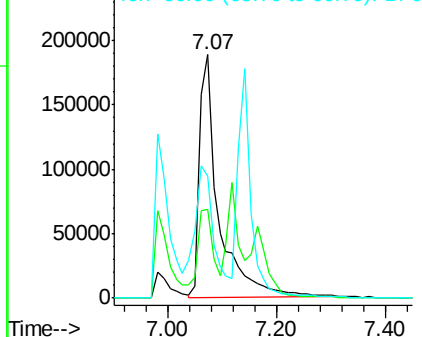
94 100

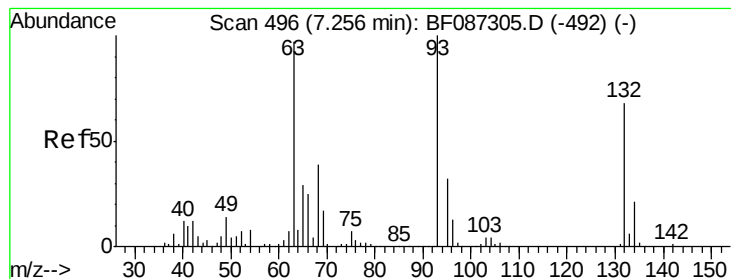
65 36.4 7.2 47.2

66 50.0 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





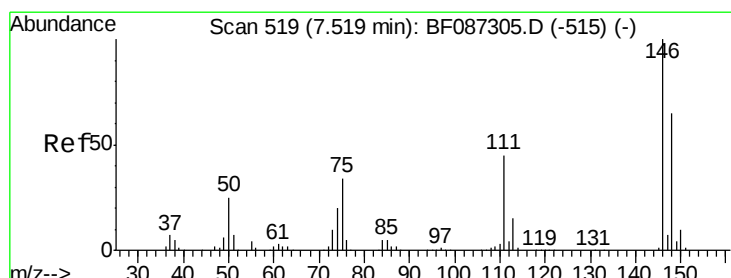
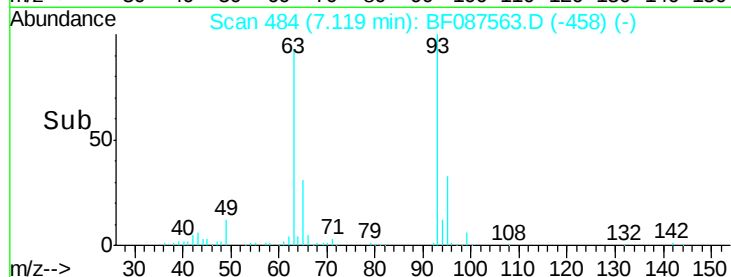
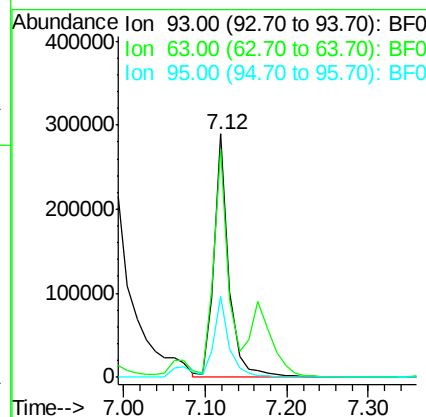
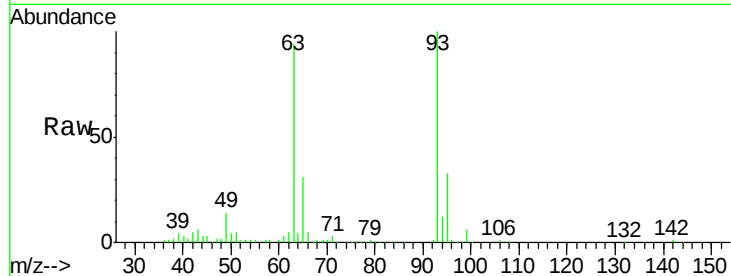
#11
bis(2-Chloroethyl)ether
Concen: 37.53 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	368956		
63	93.6	58.0	98.0	
95	33.5	11.9	51.9	

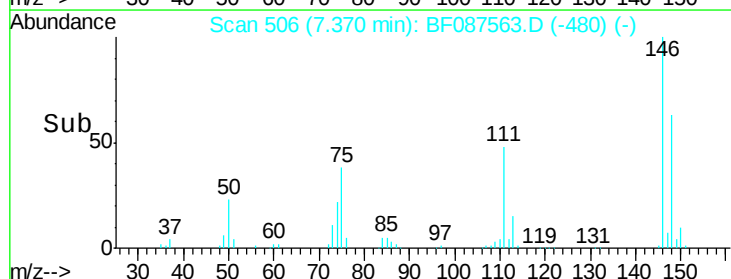
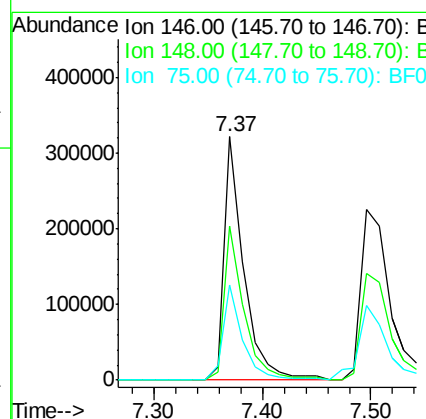
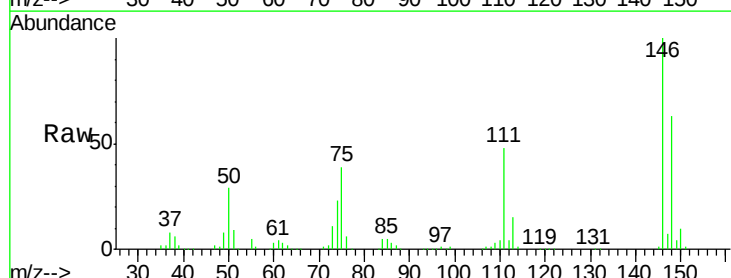
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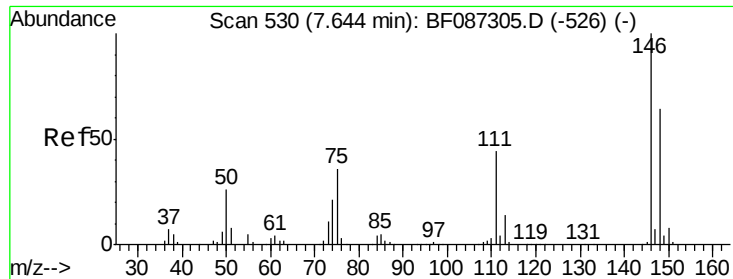
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#12
1,3-Dichlorobenzene
Concen: 36.53 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	409039		
148	63.5	52.4	78.6	
75	38.8	22.8	34.2	





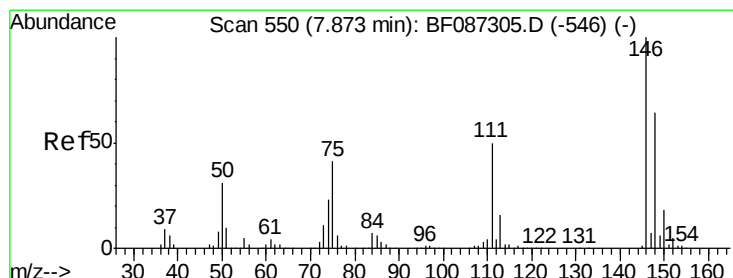
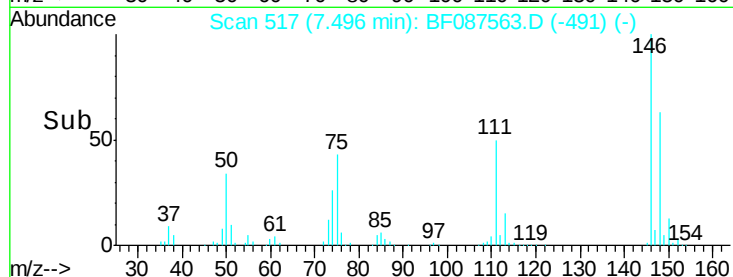
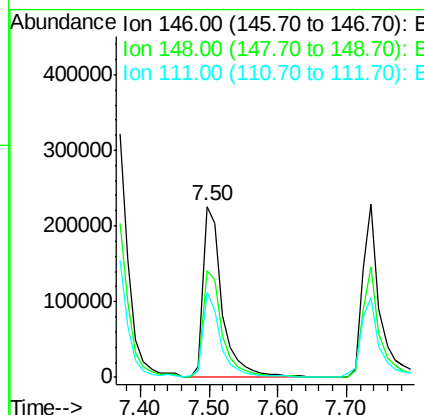
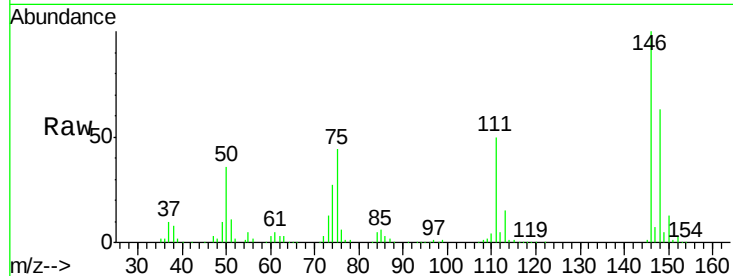
#13
 1,4-Dichlorobenzene
 Concen: 37.59 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.4
111	49.9	30.7	46.1

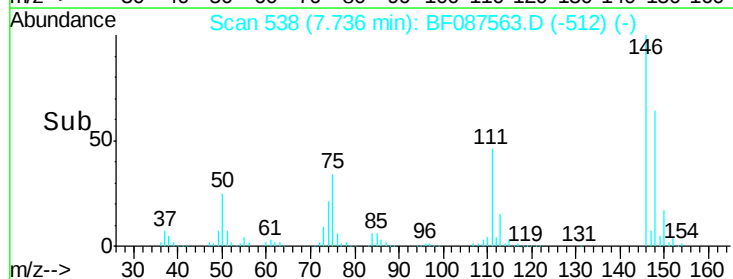
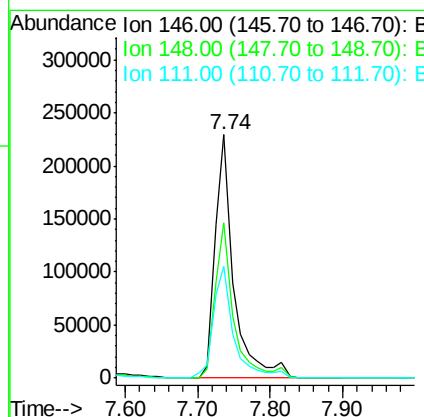
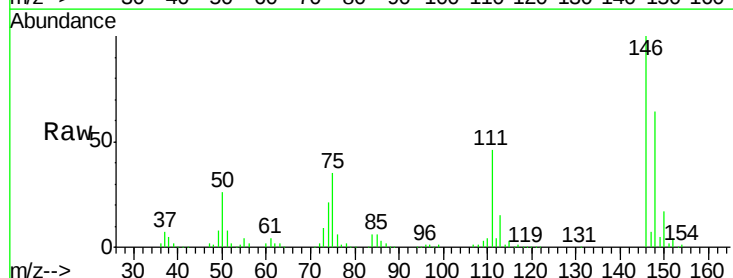
Manual Integrations
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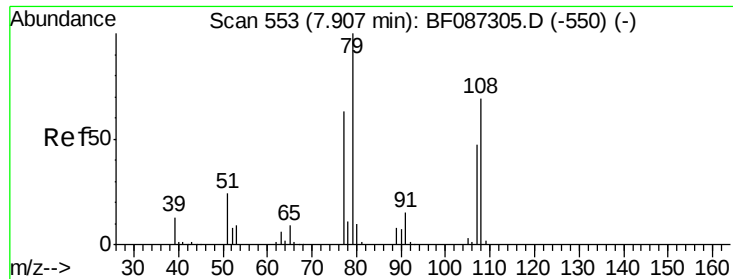
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#14
 1,2-Dichlorobenzene
 Concen: 38.31 ng
 RT: 7.74 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	46.1	36.2	54.4





#15

Benzyl Alcohol

Concen: 38.73 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

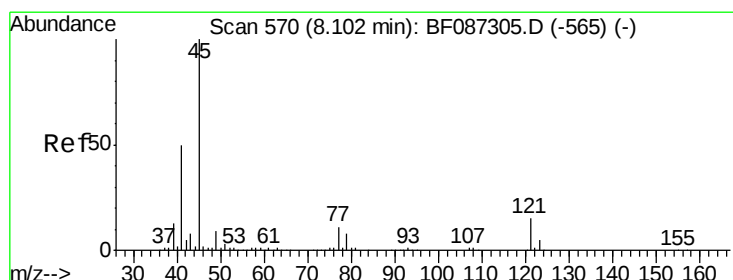
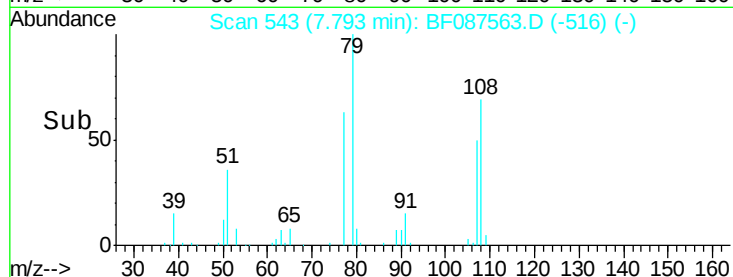
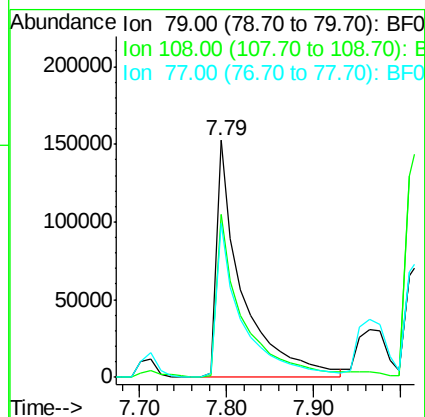
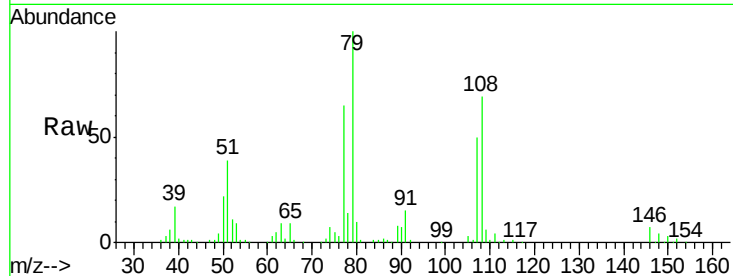
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	314055
Ion Ratio	Lower	Upper	
79	100		
108	68.7	68.4	102.6
77	65.1	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.86 ng

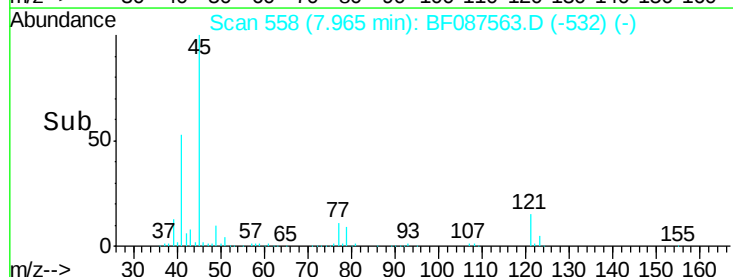
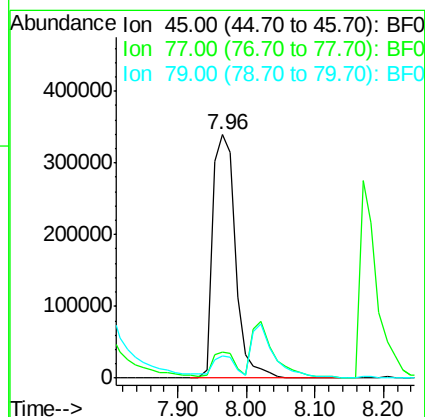
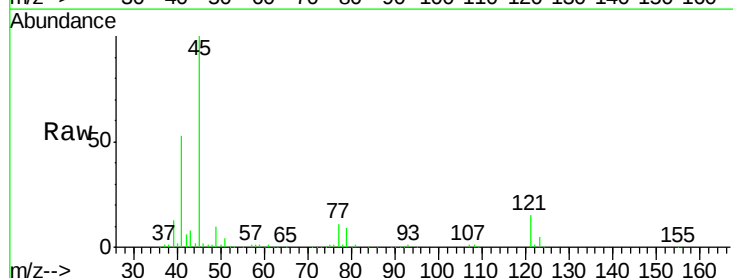
RT: 7.96 min Scan# 558

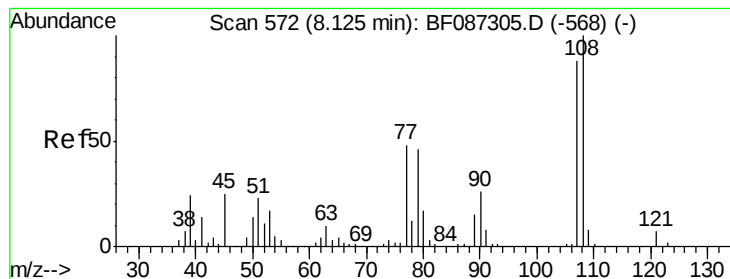
Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	45	Resp:	793286
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	36.4
79	8.9	0.0	33.4





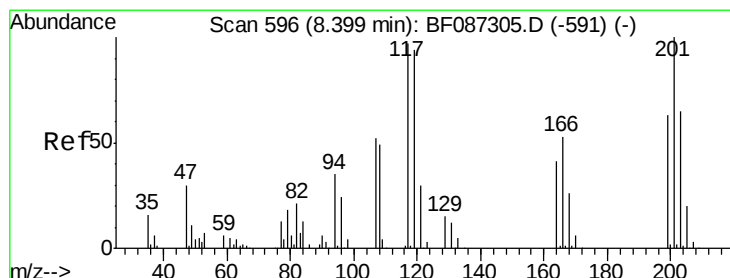
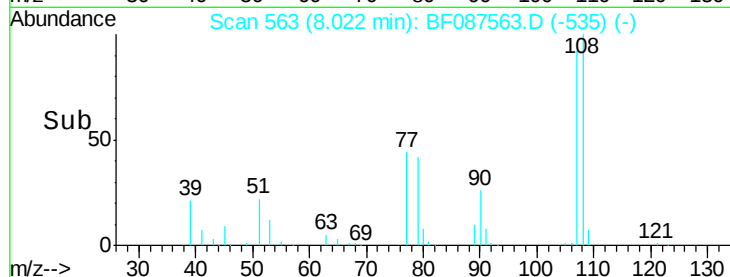
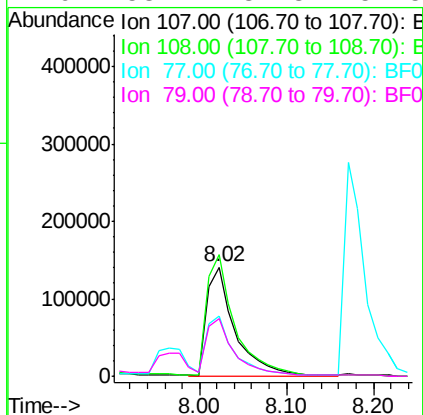
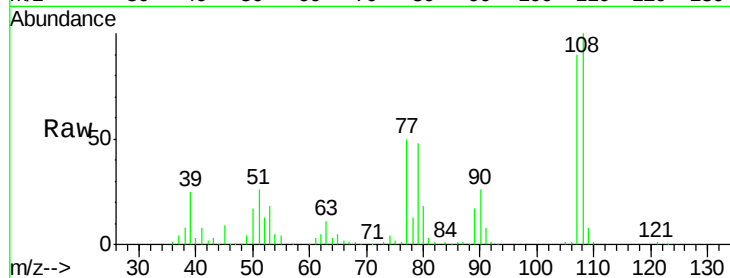
#17
2-Methylphenol
Concen: 39.09 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	321607
Ion Ratio	Lower	Upper	
107	100		
108	111.0	93.7	140.5
77	55.6	33.4	50.0#
79	53.1	34.3	51.5#

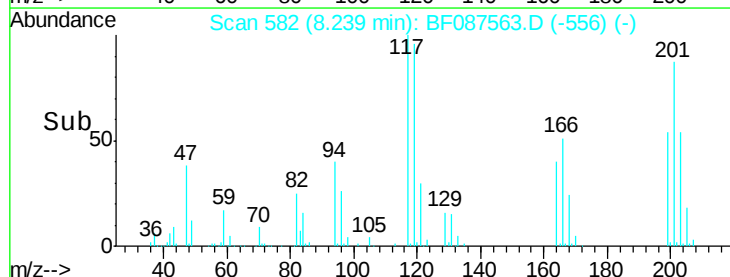
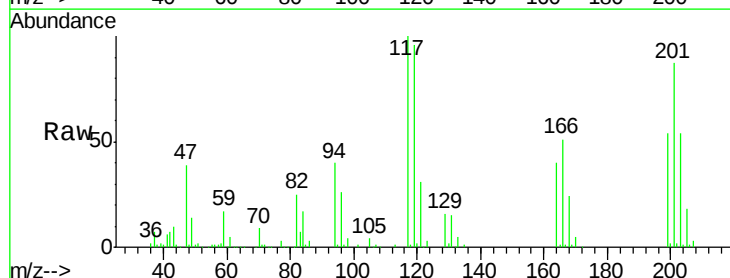
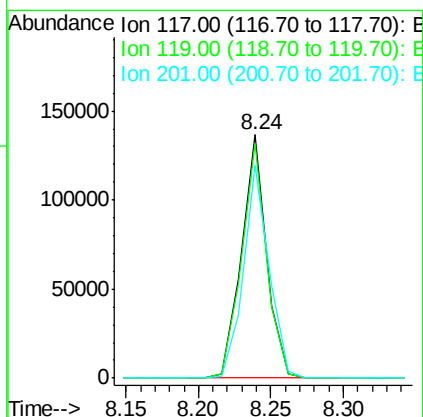
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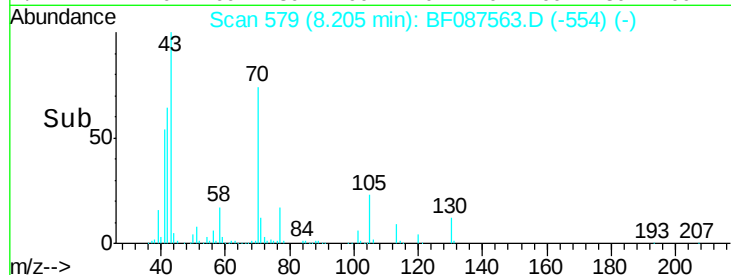
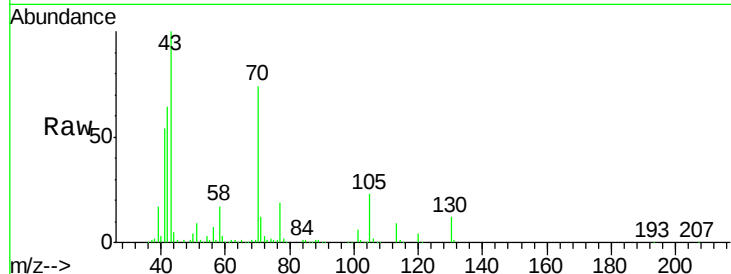
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#18
Hexachloroethane
Concen: 38.17 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion:	117	Resp:	163701
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.5	114.7
201	87.4	63.0	94.6





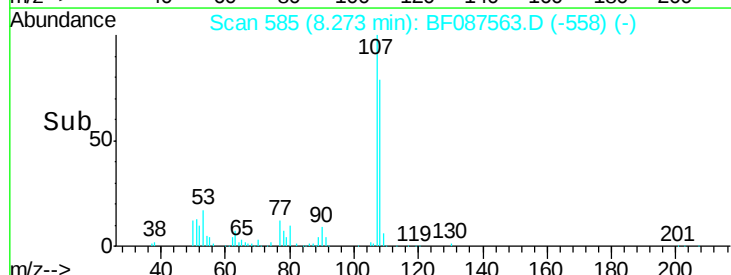
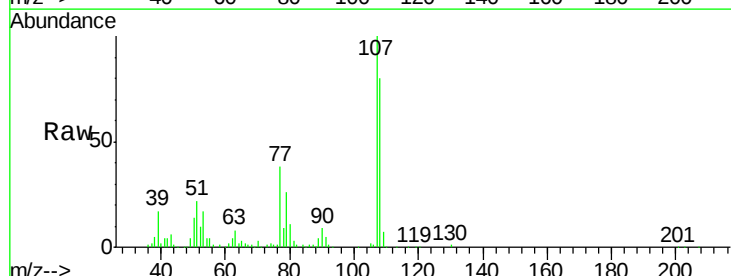
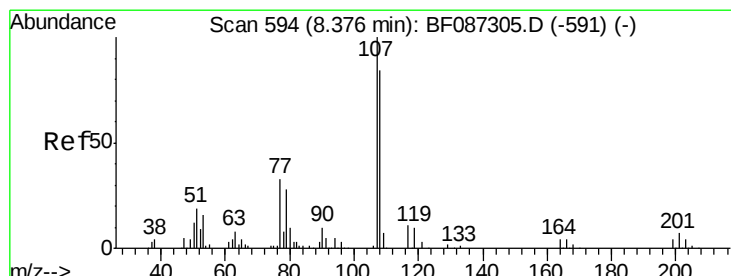
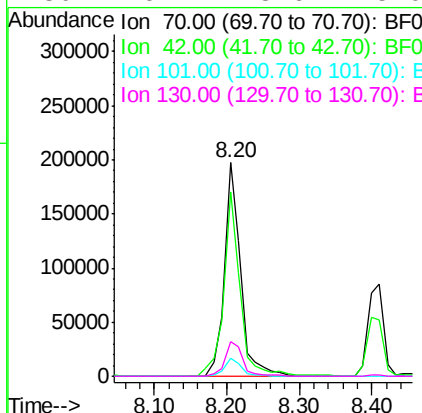
#19
n-Nitroso-di-n-propylamine
Concen: 36.87 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	86.5	43.1	64.7#		
101	8.6	8.1	12.1		
130	16.4	18.6	28.0#		

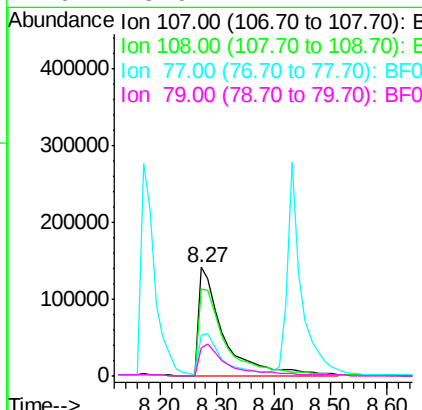
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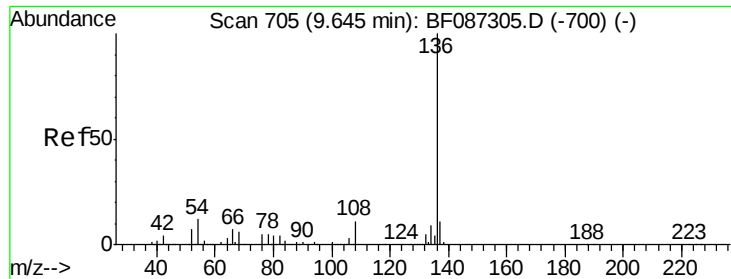
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#20
3+4-Methylphenols
Concen: 42.17 ng
RT: 8.27 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	80.0	68.5	108.5		
77	38.3	101.6	141.6#		
79	25.9	7.4	47.4		





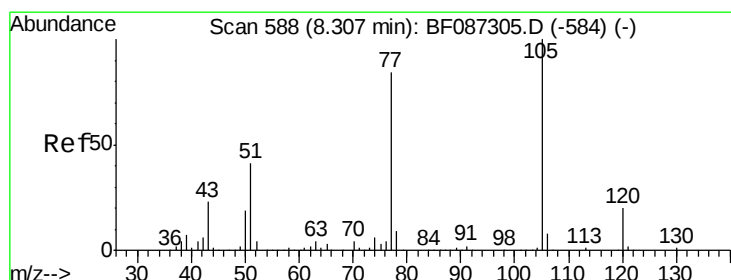
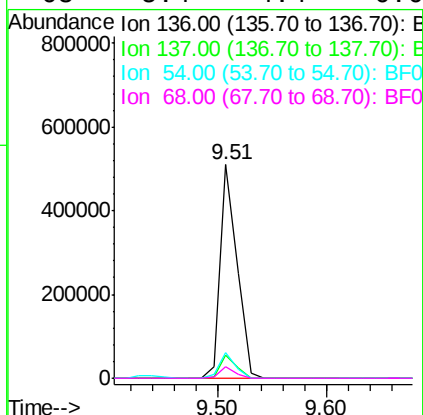
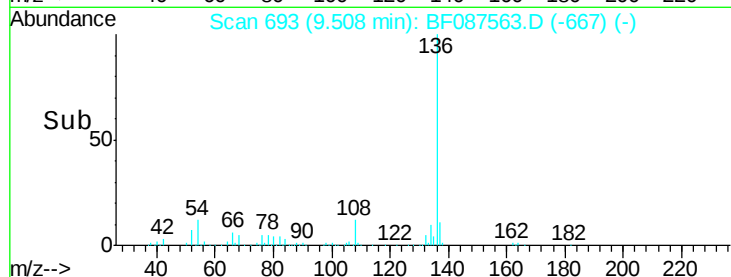
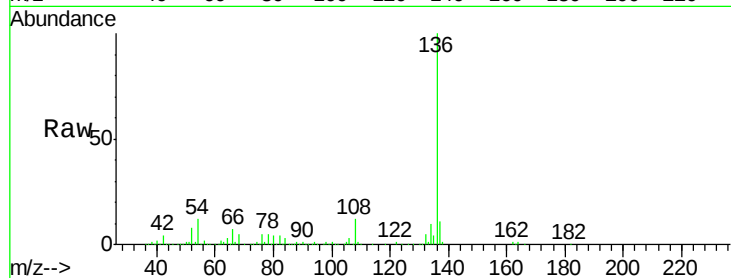
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	551824		
137	11.0	8.8	13.2	
54	11.7	5.0	7.4	
68	5.4	4.4	6.6	

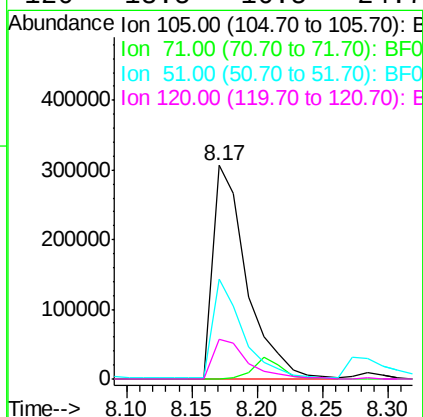
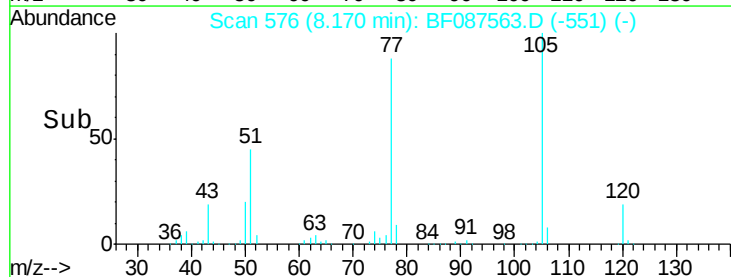
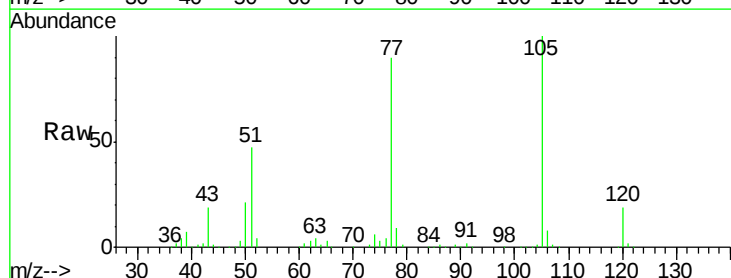
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#22
Acetophenone
Concen: 42.17 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	555979		
71	0.0	4.8	7.2	
51	46.8	32.6	49.0	
120	18.5	16.5	24.7	





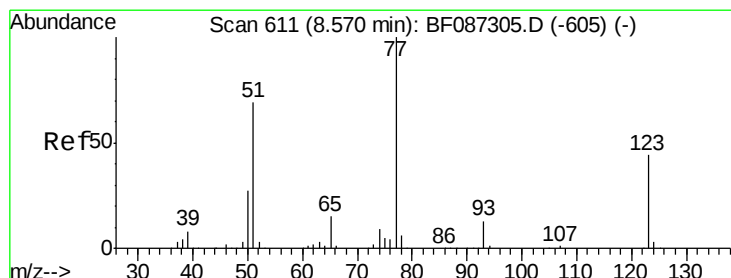
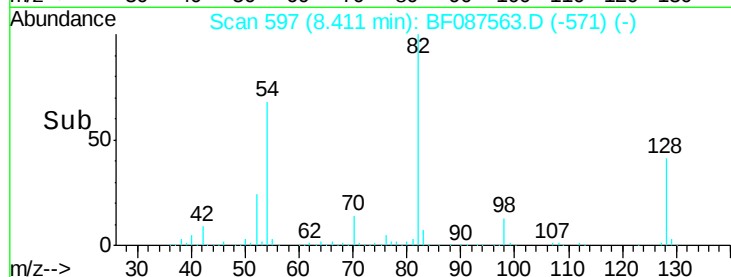
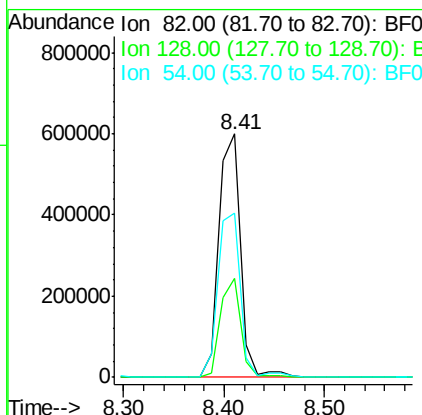
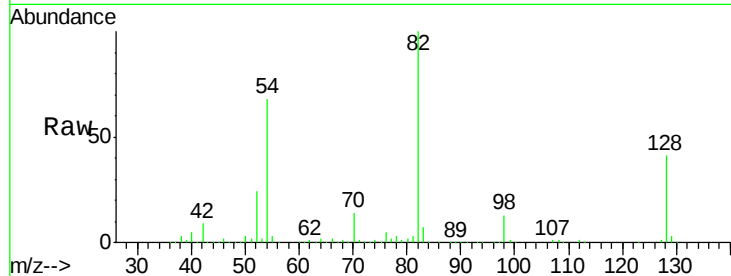
#23
 Nitrobenzene-d5
 Concen: 82.29 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	901045		
128	40.6	40.6	61.0#	
54	67.7	38.1	57.1#	

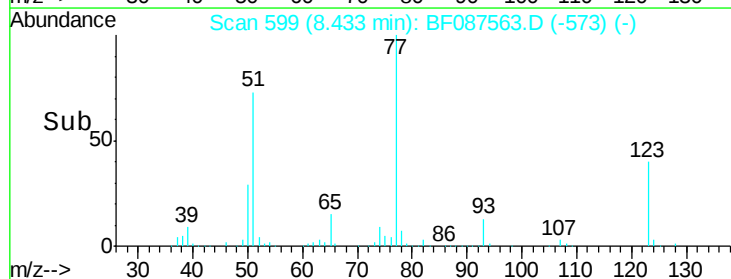
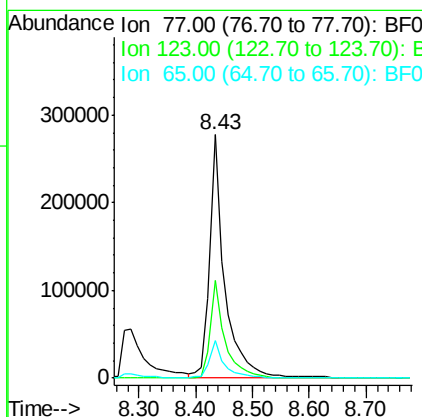
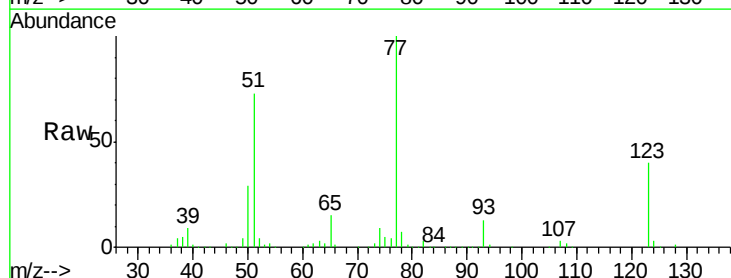
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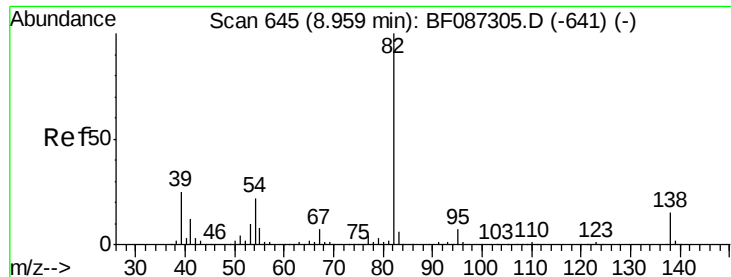
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#24
 Nitrobenzene
 Concen: 41.93 ng
 RT: 8.43 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	484564		
123	40.0	33.0	49.4	
65	15.4	10.8	16.2	





#25

Isophorone

Concen: 39.81 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

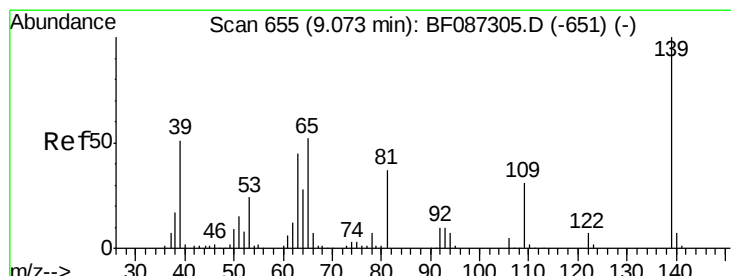
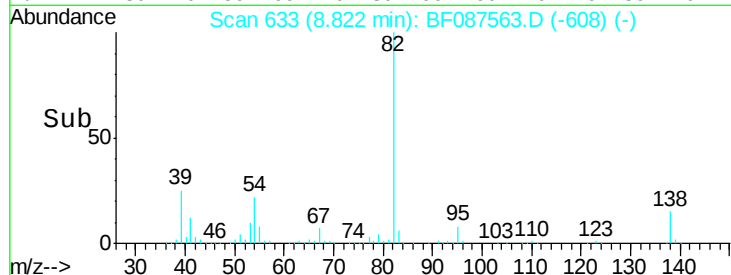
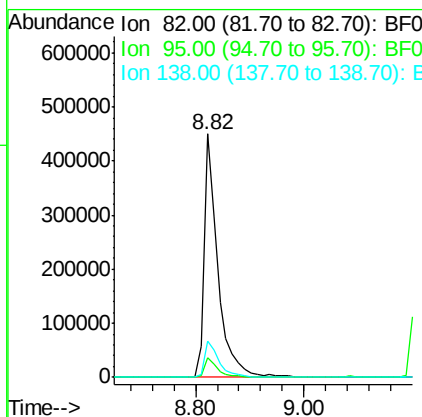
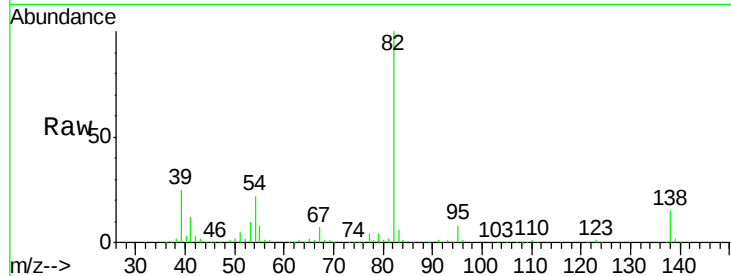
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	781665
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.1	7.7#
138	15.1	12.4	18.6

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#26

2-Nitrophenol

Concen: 38.22 ng

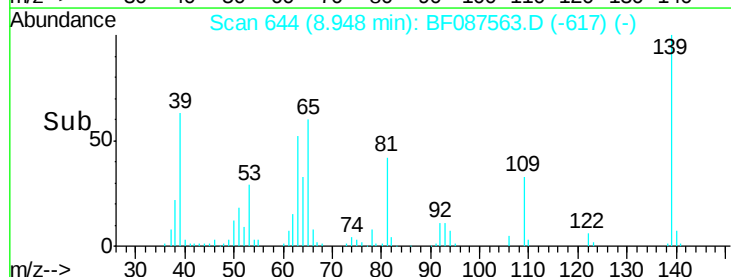
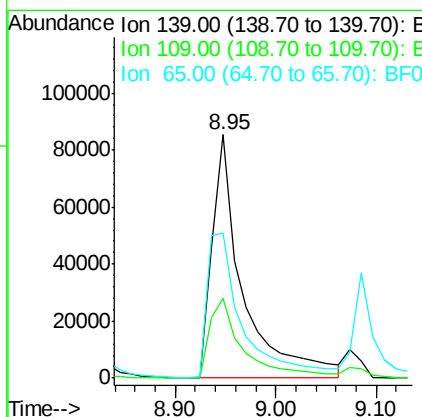
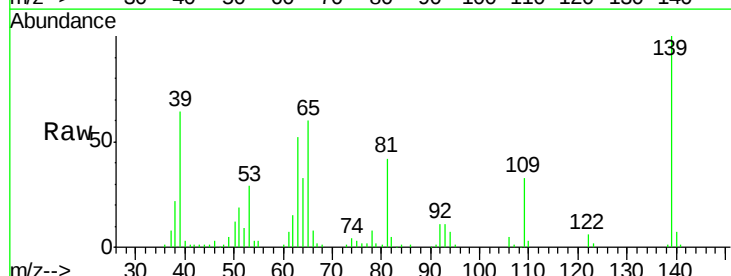
RT: 8.95 min Scan# 644

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	139	Resp:	180552
Ion Ratio	Lower	Upper	
139	100		
109	32.5	19.5	29.3#
65	59.8	37.5	56.3#





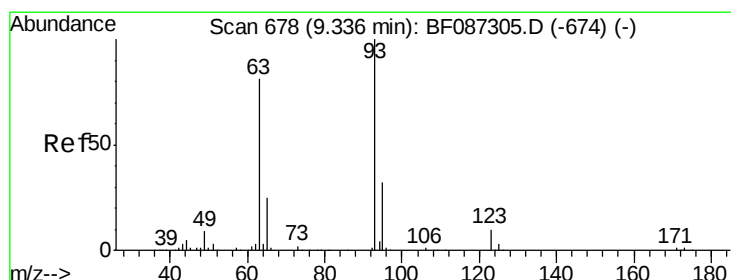
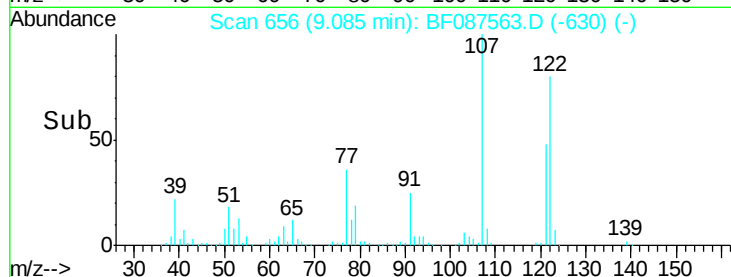
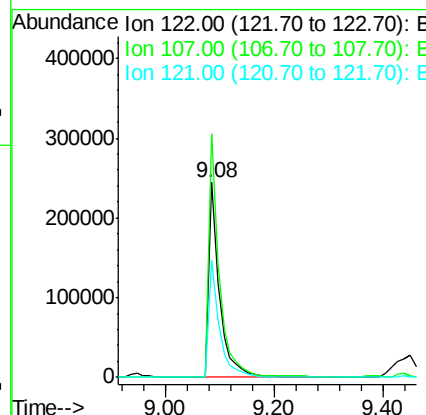
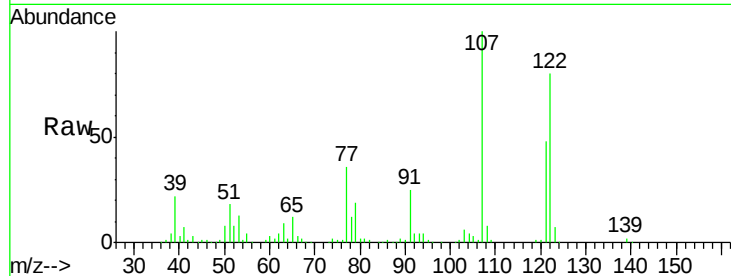
#27
 2,4-Dimethylphenol
 Concen: 40.74 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	125.2	82.0	123.0#	
121	59.8	46.1	69.1	

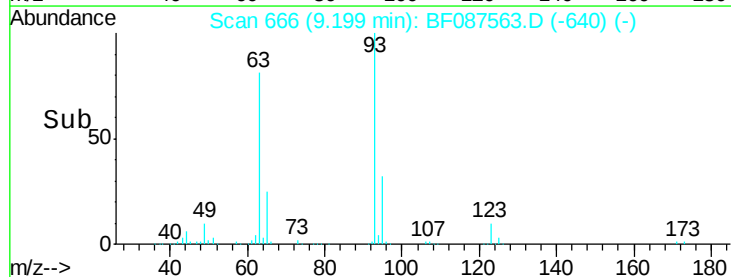
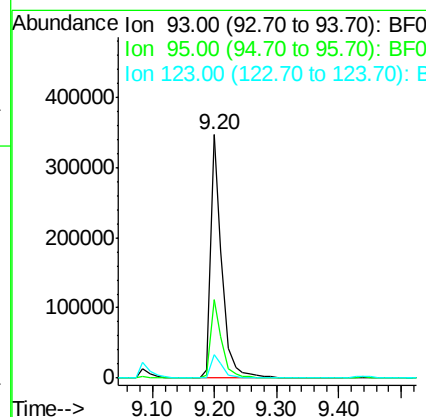
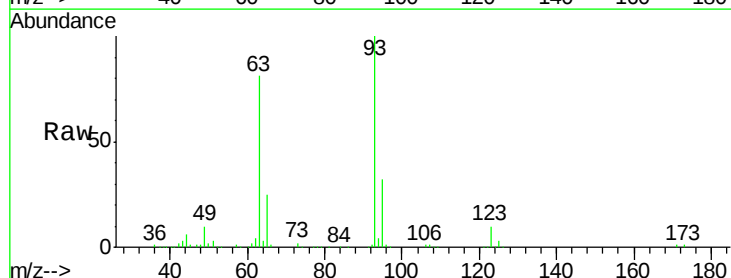
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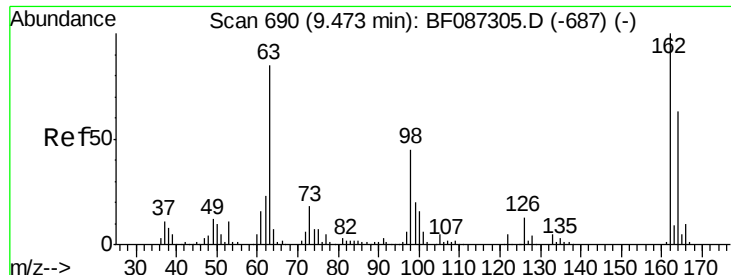
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.70 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.1	26.0	39.0	
123	9.6	9.5	14.3	





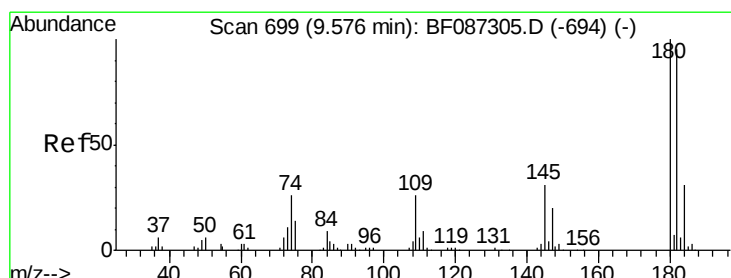
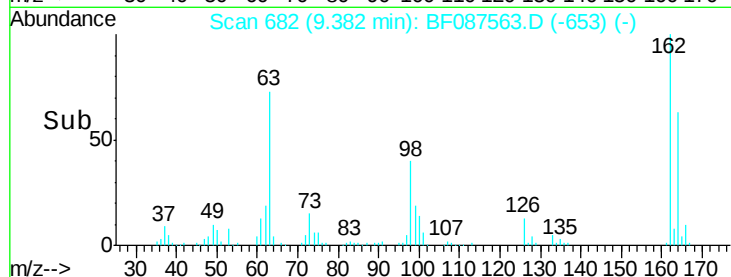
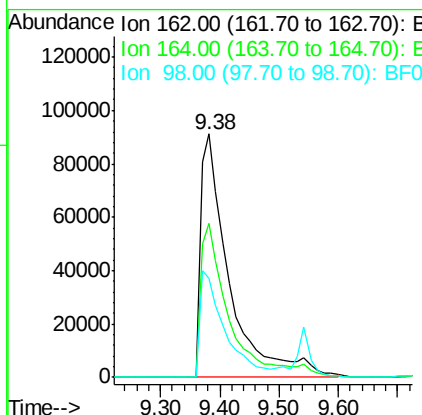
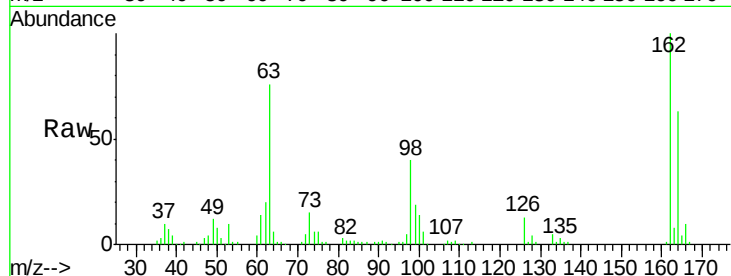
#29
 2,4-Dichlorophenol
 Concen: 41.55 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.03 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	307077		
164	63.3	42.2	82.2	
98	40.4	19.0	59.0	

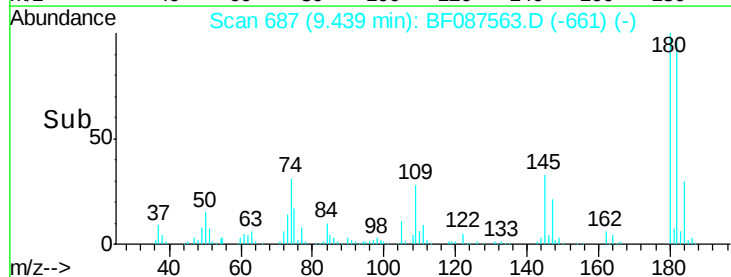
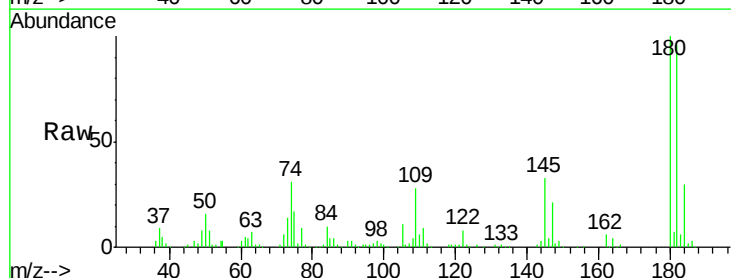
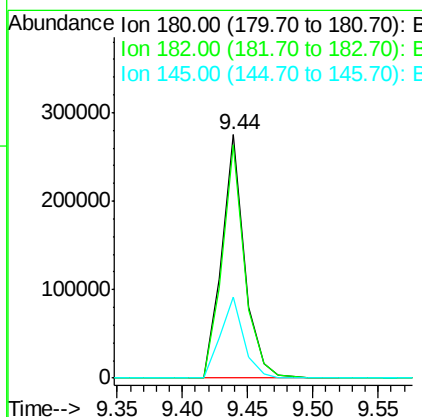
Manual Integrations
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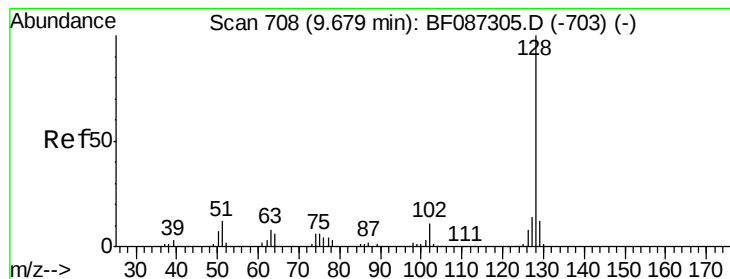
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.56 ng
 RT: 9.44 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	334715		
182	96.0	78.0	117.0	
145	33.2	24.2	36.2	





#31

Naphthalene

Concen: 39.64 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1096200

Ion Ratio Lower Upper

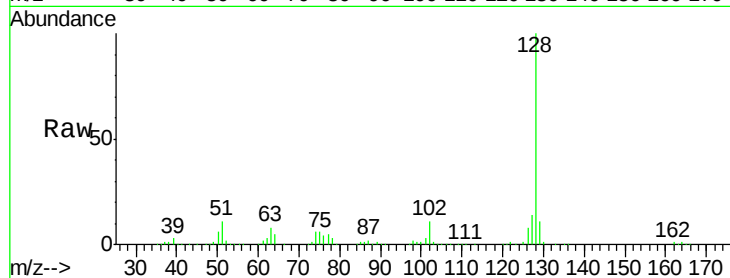
128 100

129 11.4 8.6 13.0

127 13.7 10.8 16.2

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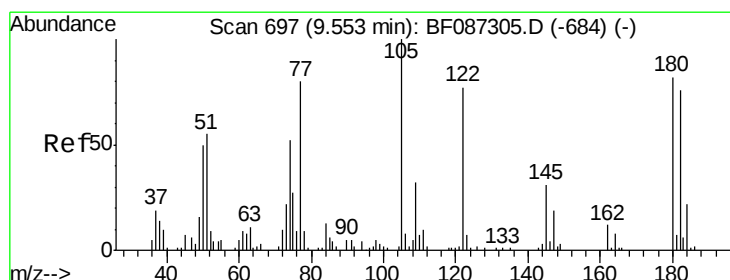
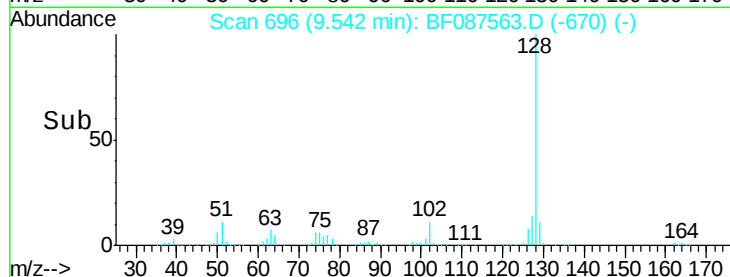
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

9.54

Time-->



#32

Benzoic acid

Concen: 23.70 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

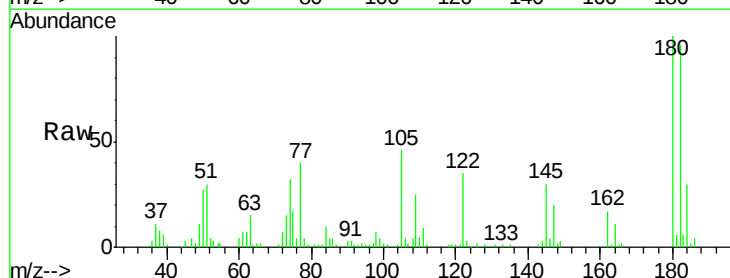
Tgt Ion:122 Resp: 85900

Ion Ratio Lower Upper

122 100

105 131.6 92.6 132.6

77 112.1 60.0 100.0#



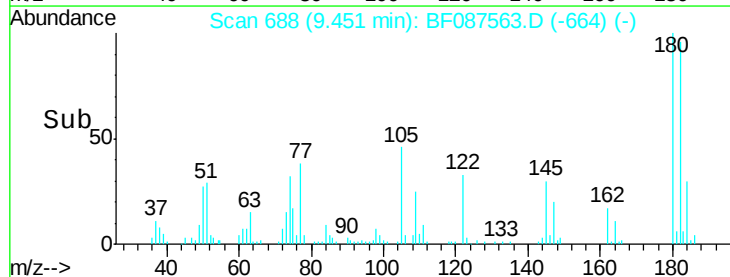
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

9.45

Time-->





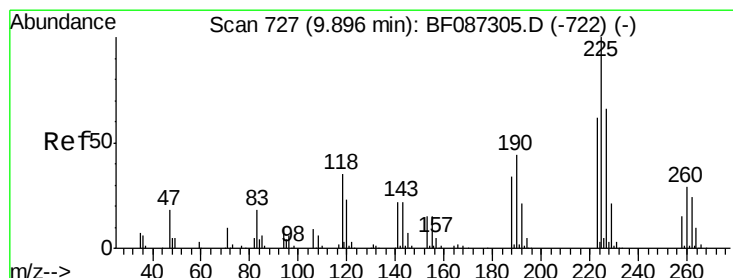
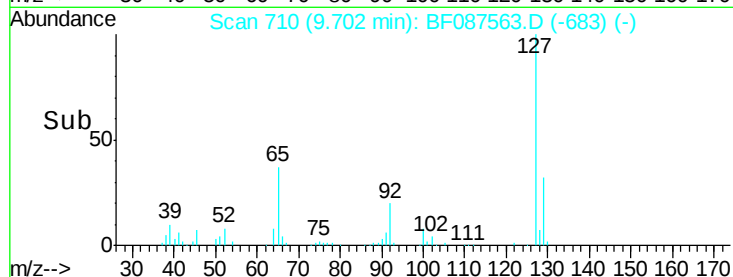
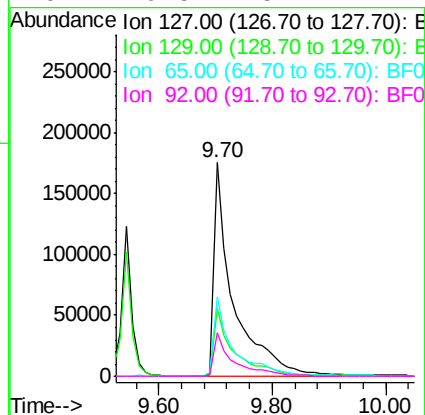
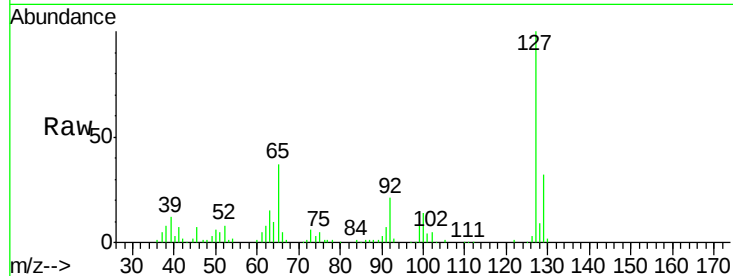
#33
4-Chloroaniline
Concen: 40.42 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		411690		
129	32.0	26.2	39.4		
65	37.3	23.0	34.4		
92	20.5	15.1	22.7		

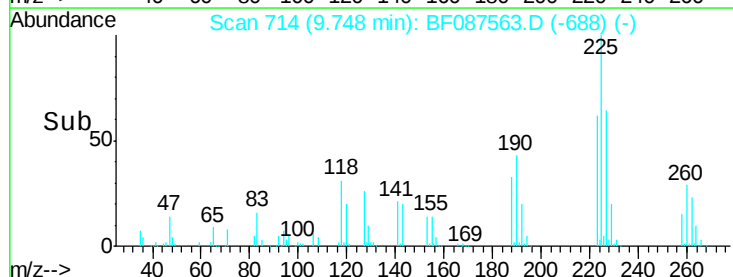
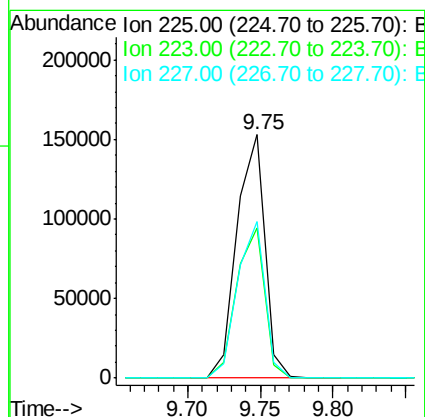
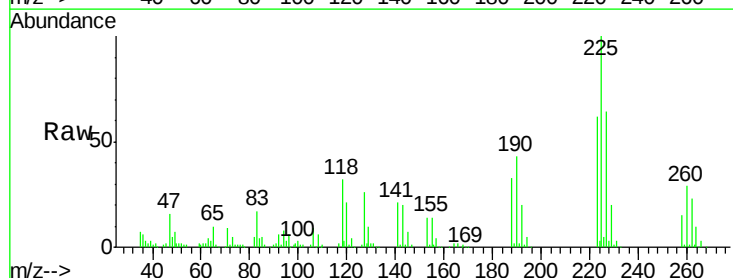
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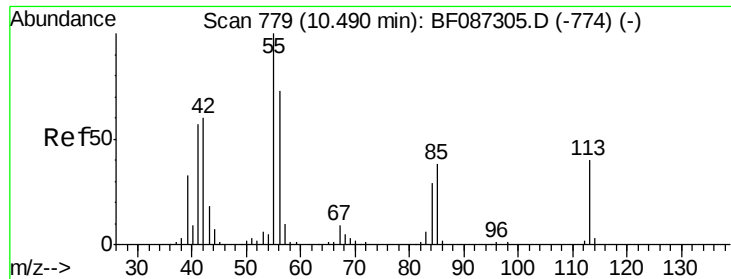
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#34
Hexachlorobutadiene
Concen: 39.76 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		204502		
223	61.8	51.5	77.3		
227	64.2	52.2	78.2		





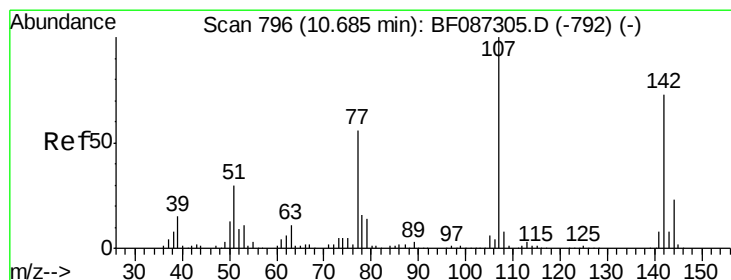
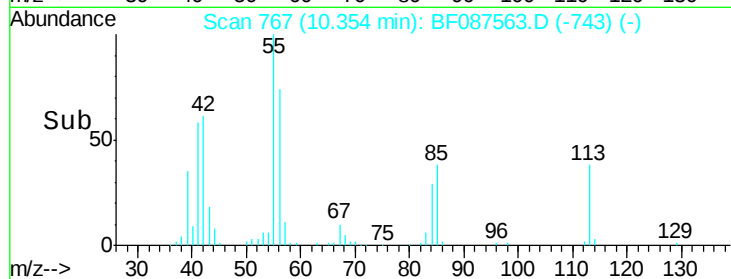
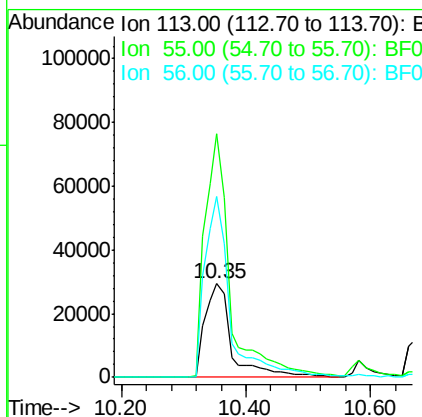
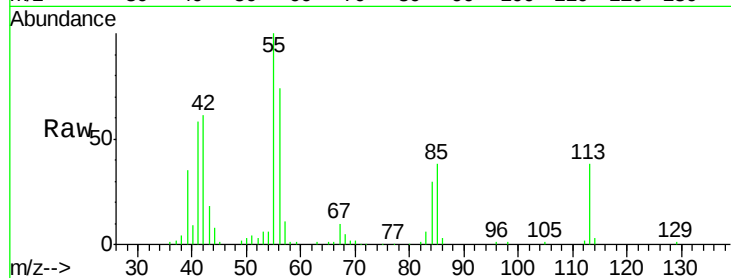
#35
Caprolactam
Concen: 40.53 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	260.6	162.0	202.0#
56	193.5	115.3	155.3#

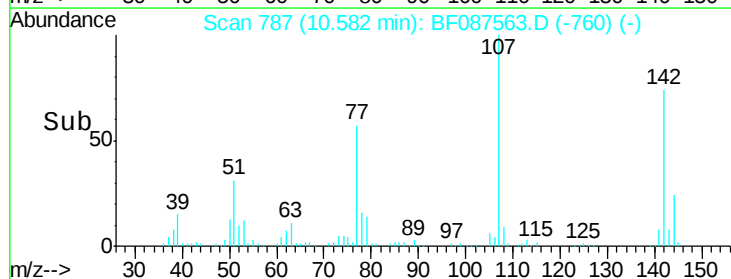
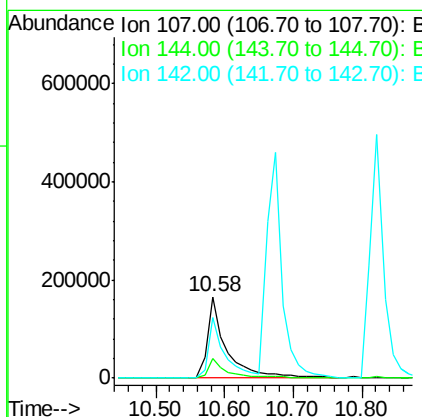
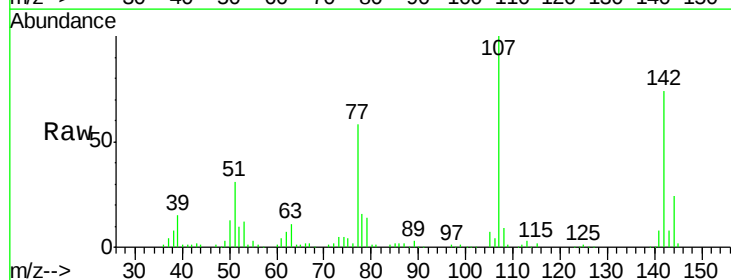
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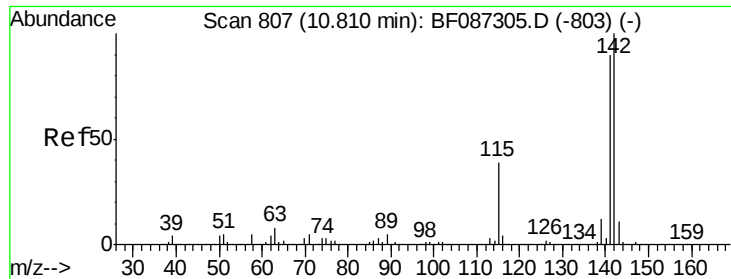
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#36
4-Chloro-3-methylphenol
Concen: 38.56 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.7	31.1
142	73.6	63.2	94.8





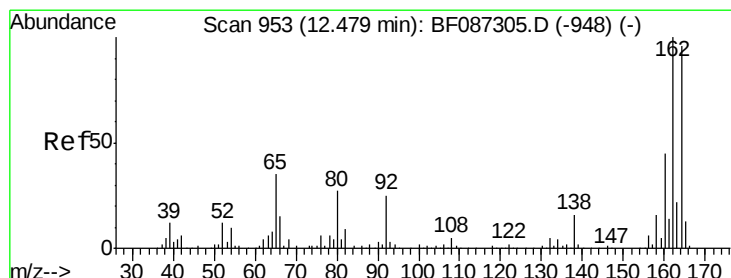
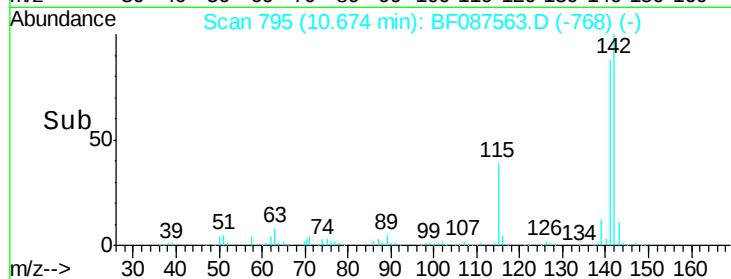
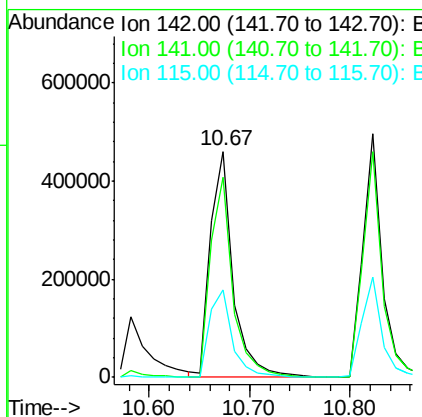
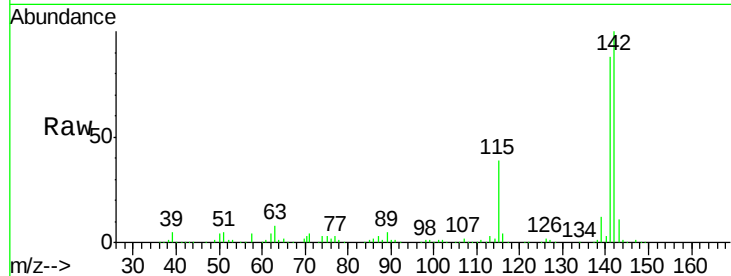
#37
2-Methylnaphthalene
Concen: 41.65 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	38.5	26.6	39.8

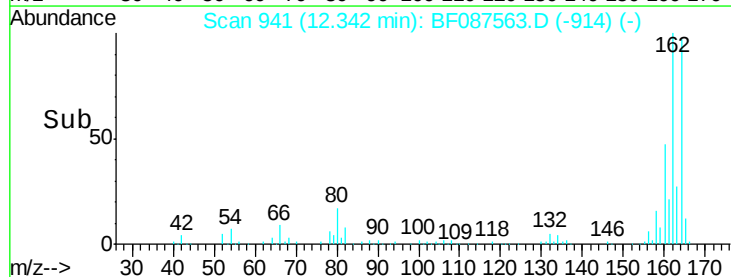
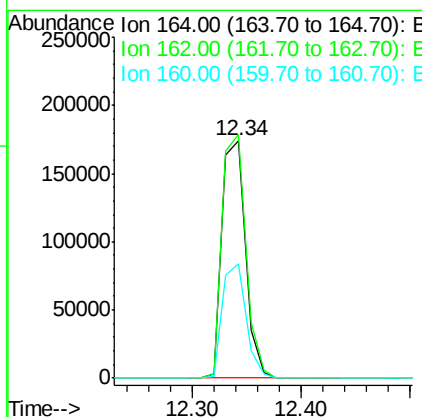
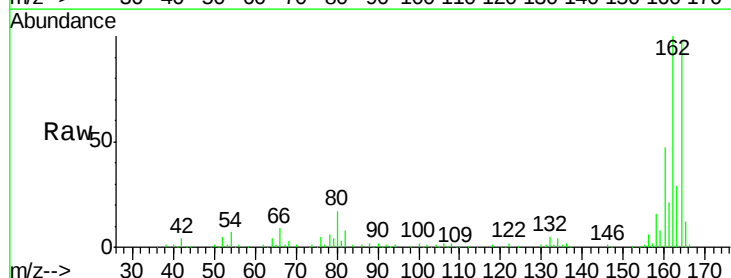
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.8	124.2
160	48.2	36.9	55.3





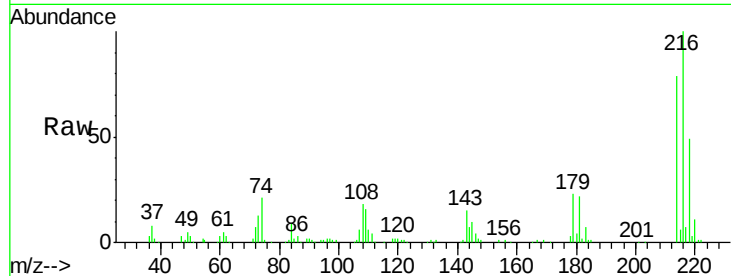
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.44 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

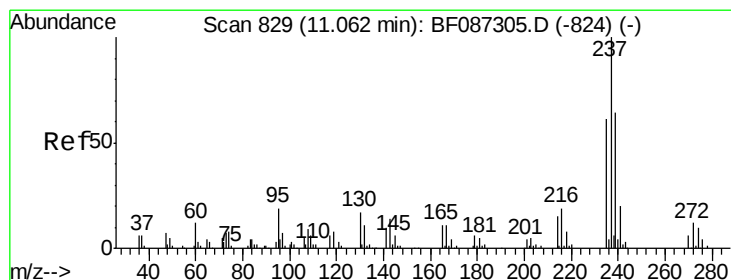
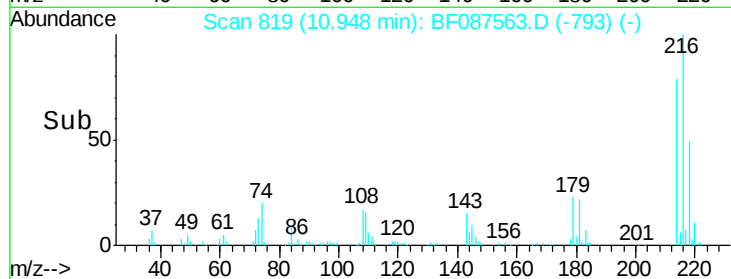
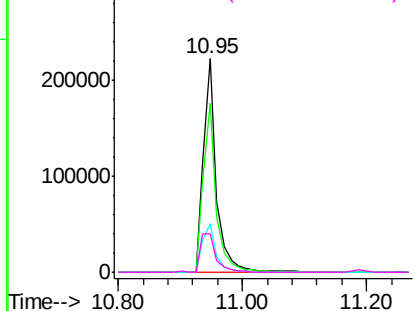
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		321460		
214	79.7	62.6	93.8		
179	24.0	18.2	27.4		
108	22.2	17.5	26.3		

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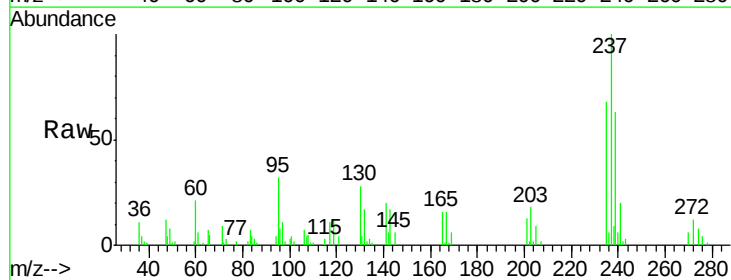


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

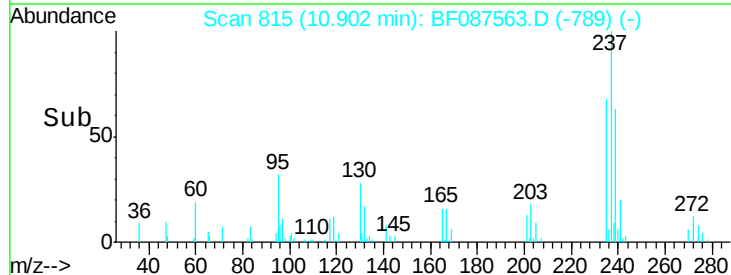
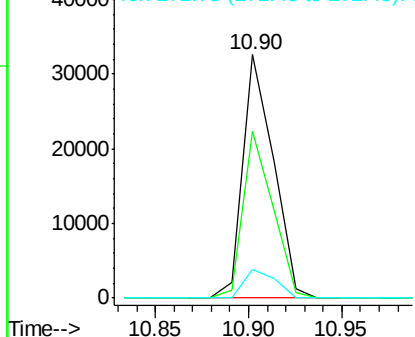


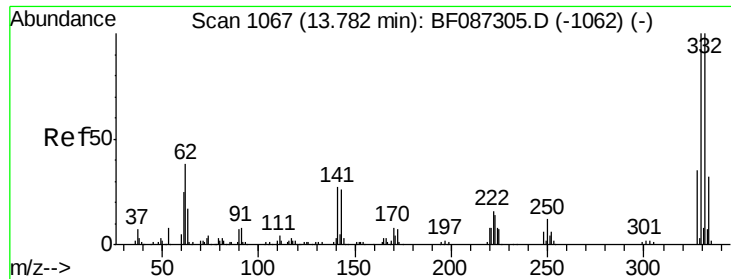
#40
 Hexachlorocyclopentadiene
 Concen: 18.97 ng
 RT: 10.90 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		37114		
235	68.4	47.2	87.2		
272	11.7	0.0	31.1		



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: 67.88 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

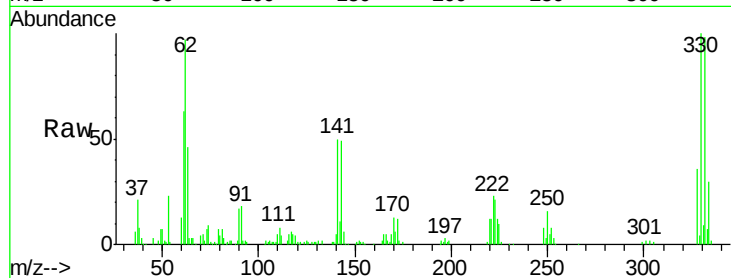
ClientSampleId :

SSTDCCC040

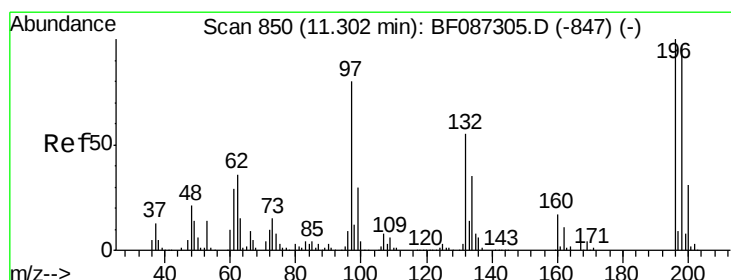
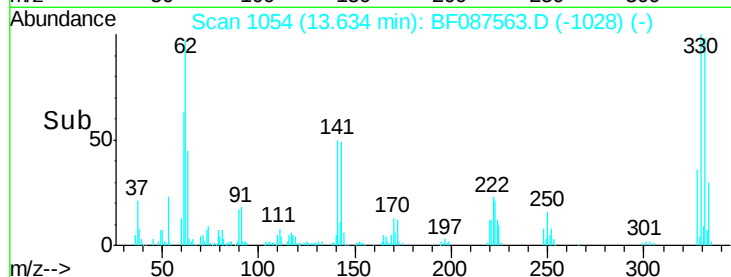
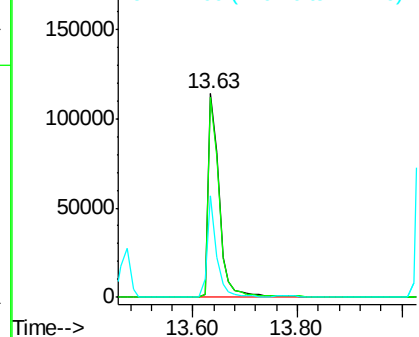
Tot Ion:	330	Resp:	170407
Ion Ratio	Lower	Upper	
330	100		
332	97.4	79.0	118.4
141	42.9	31.2	46.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 35.53 ng

RT: 11.19 min Scan# 840

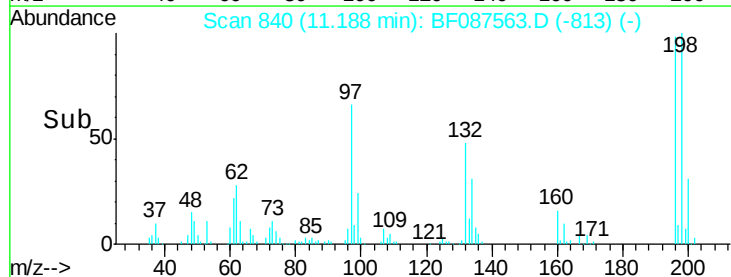
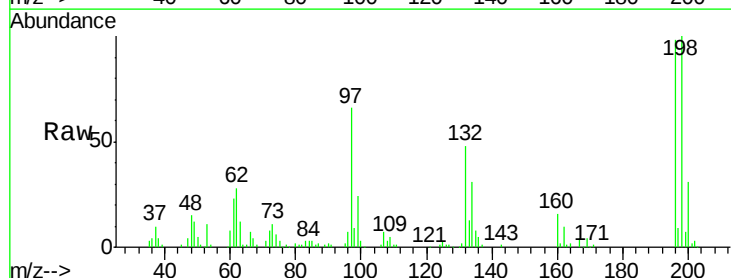
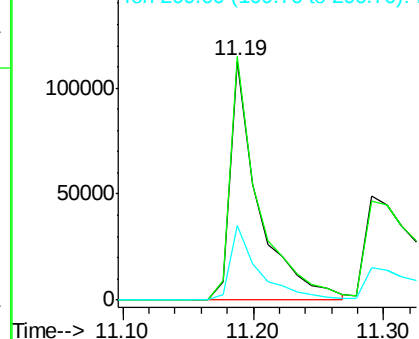
Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	196	Resp:	171461
Ion Ratio	Lower	Upper	
196	100		
198	102.0	74.7	112.1
200	31.2	23.8	35.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





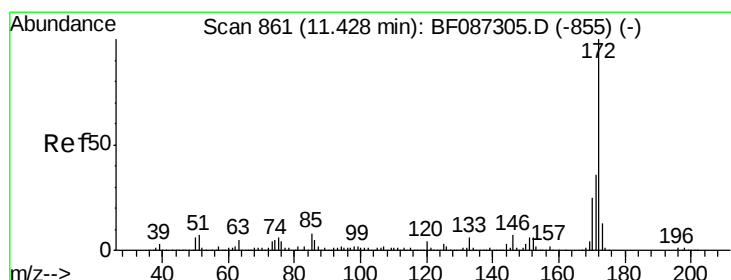
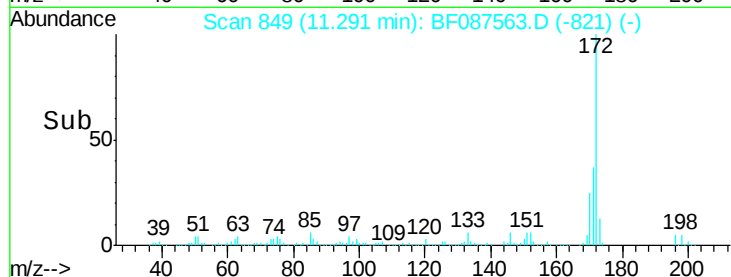
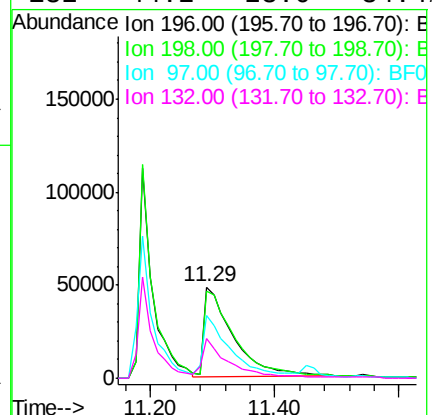
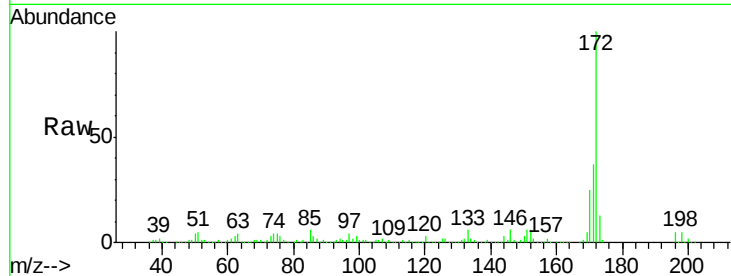
#43
 2,4,5-Trichlorophenol
 Concen: 32.49 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.02 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159709		
198	95.7	77.5	116.3	
97	69.3	34.8	52.2#	
132	44.2	23.0	34.4#	

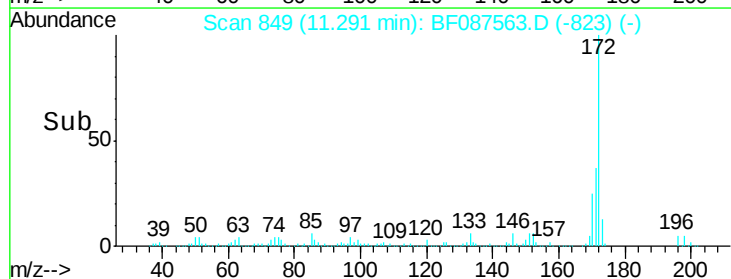
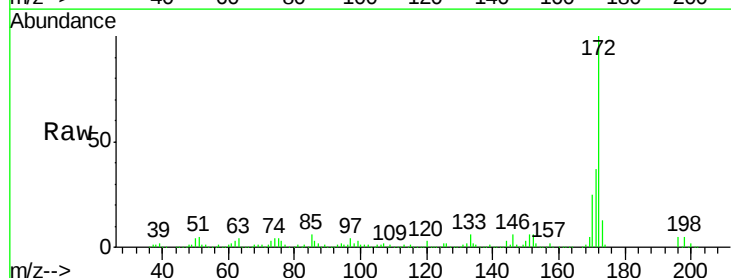
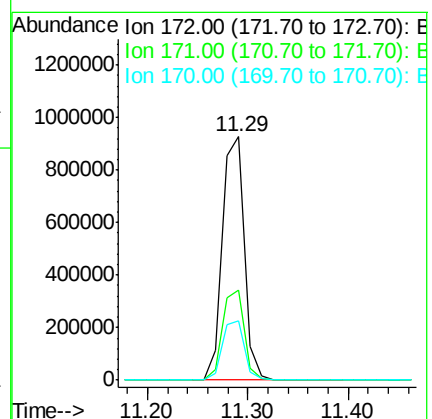
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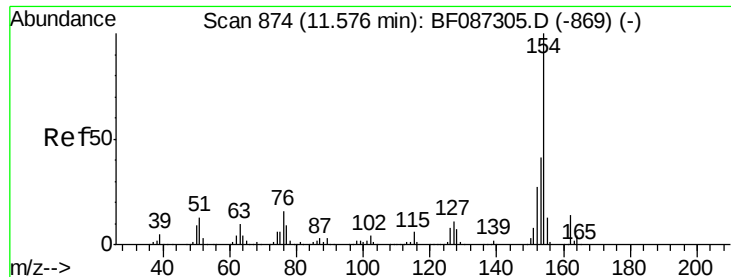
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#44
 2-Fluorobiphenyl
 Concen: 75.83 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1404990		
171	36.8	29.0	43.6	
170	24.6	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 39.83 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

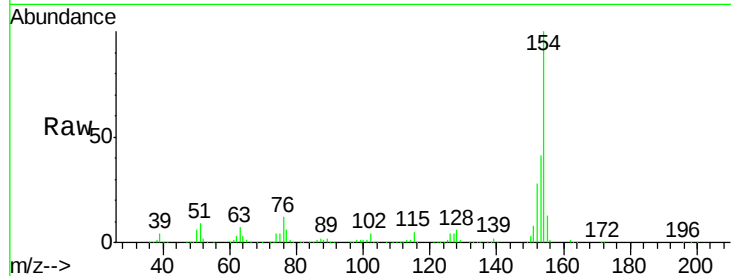
ClientSampleId :

SSTDCCC040

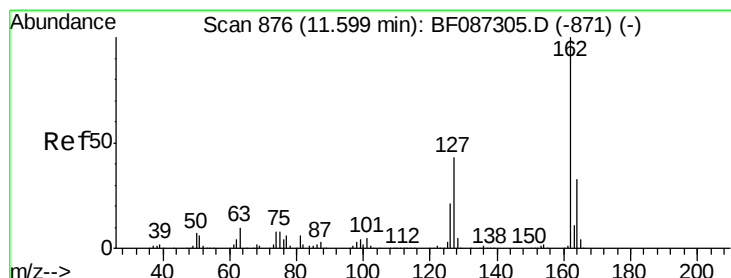
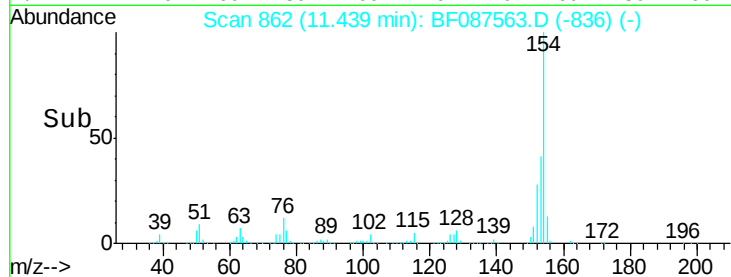
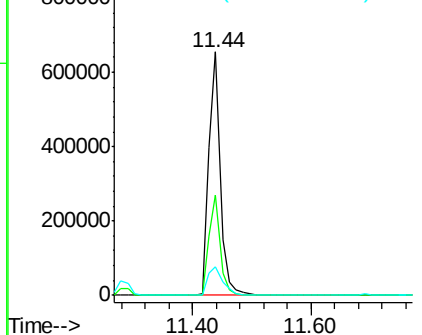
Tot Ion:	154	Resp:	875976
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.3	60.3
76	11.5	0.0	30.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.29 ng

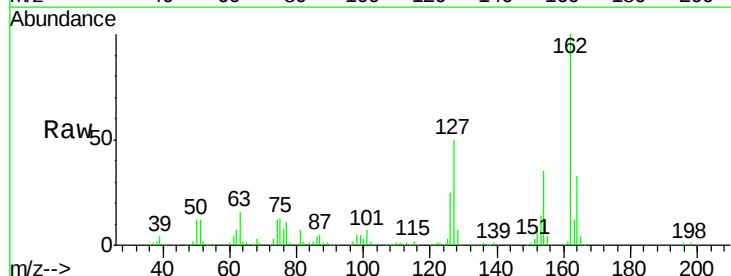
RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

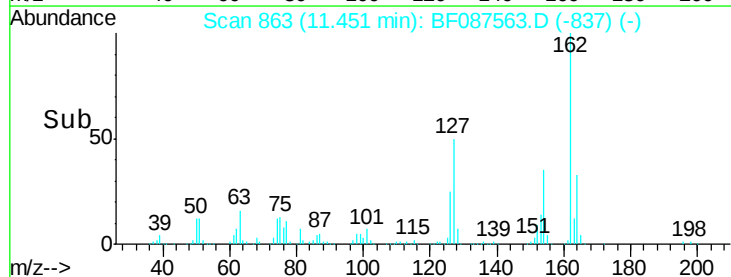
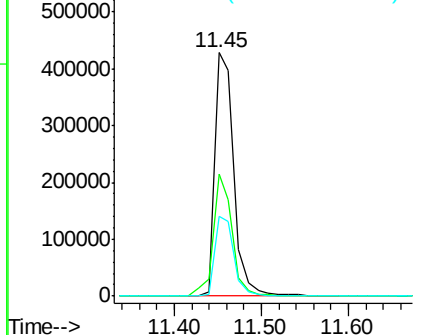
Lab File: BF087563.D

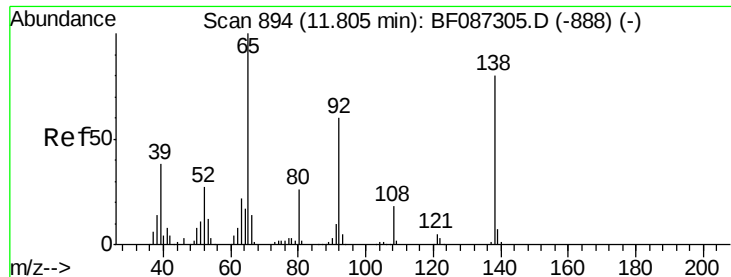
Acq: 30 May 2016 22:45

Tgt Ion:	162	Resp:	661061
Ion Ratio	Lower	Upper	
162	100		
127	50.1	31.8	47.6#
164	32.8	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





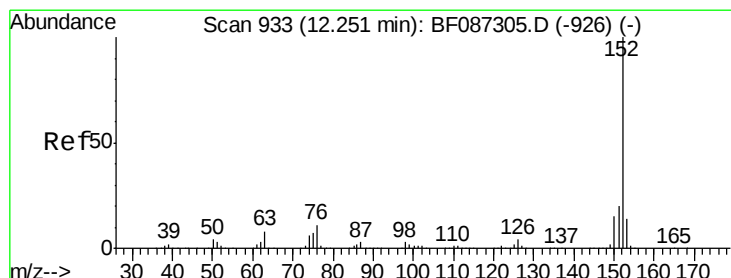
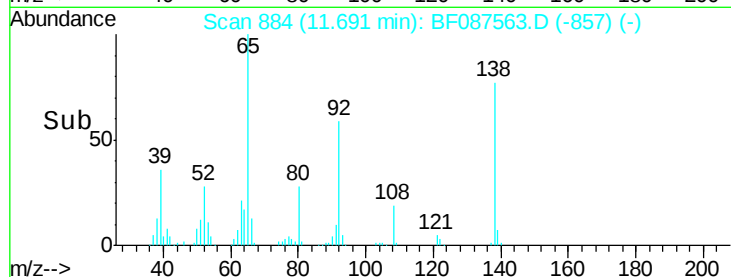
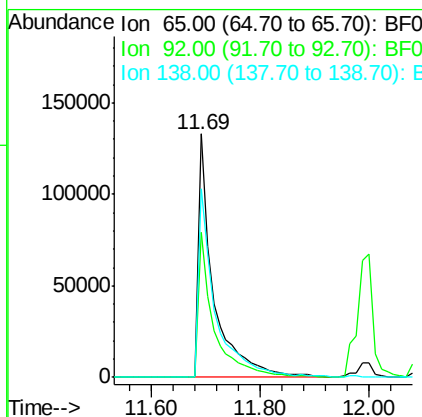
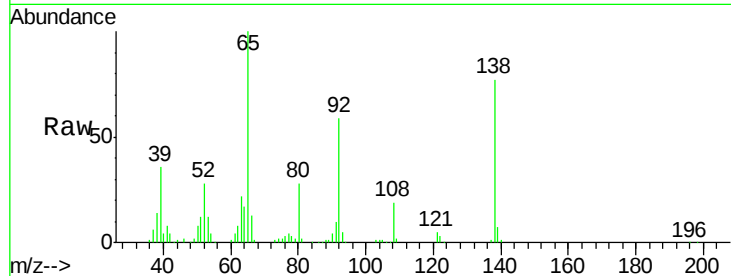
#47
2-Nitroaniline
Concen: 42.12 ng
RT: 11.69 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.5	57.4	86.2
138	77.3	90.1	135.1#

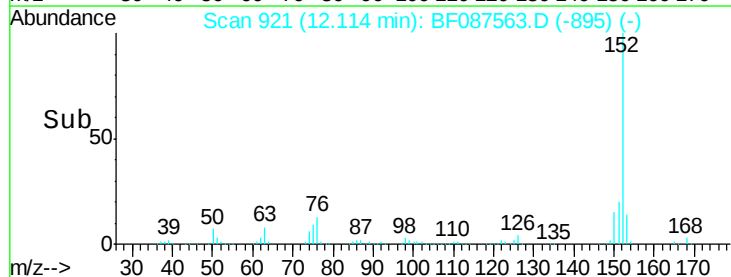
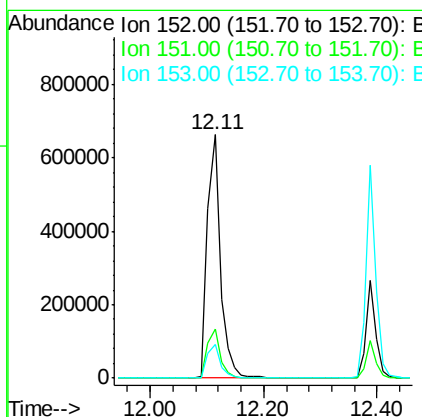
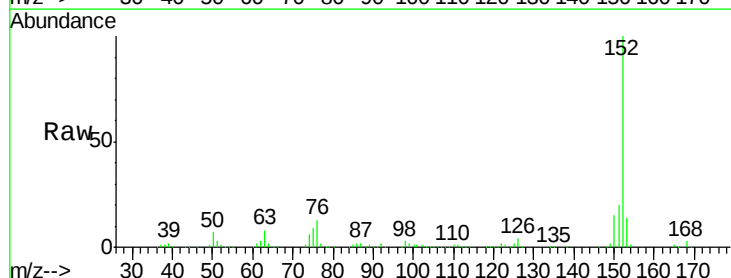
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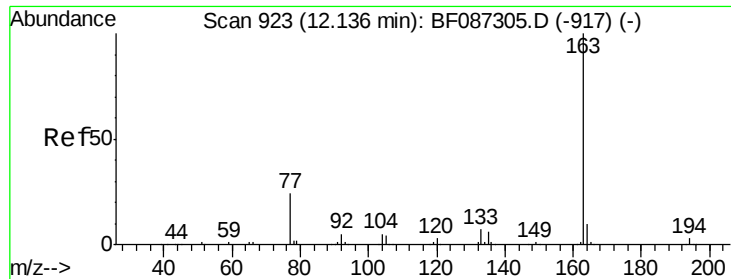
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#48
Acenaphthylene
Concen: 38.03 ng
RT: 12.11 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.8	10.9	16.3





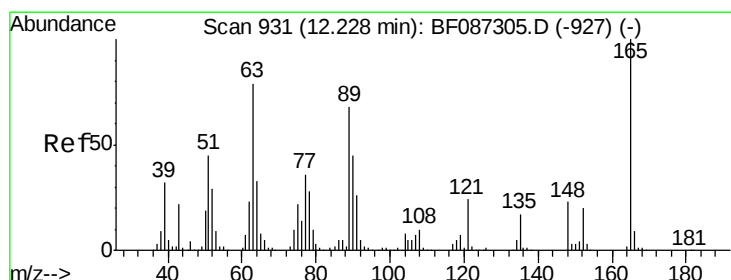
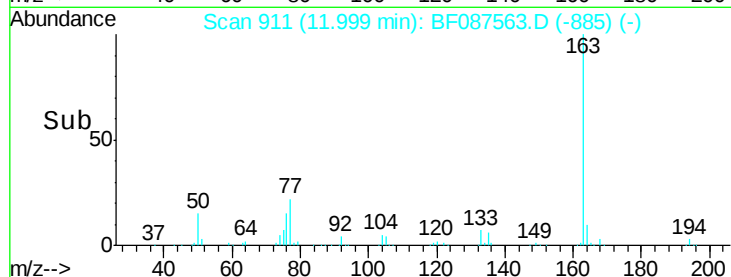
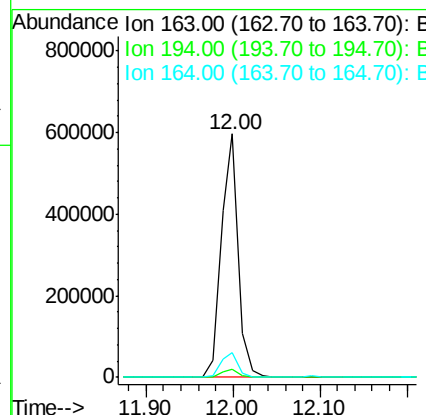
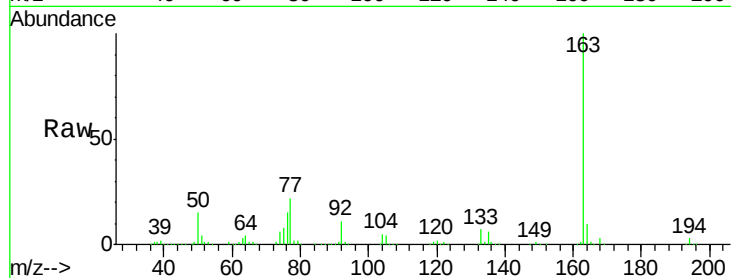
#49
Dimethylphthalate
Concen: 38.66 ng
RT: 12.00 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	809009		
194	3.2		2.6	4.0
164	10.1		8.2	12.4

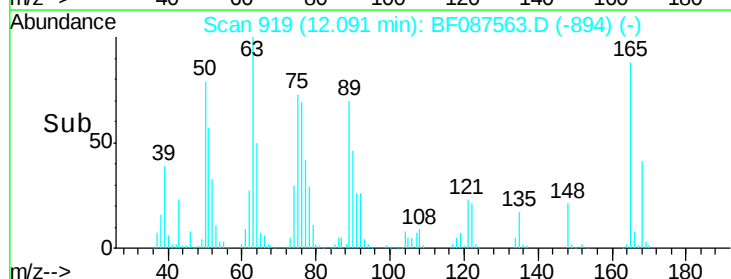
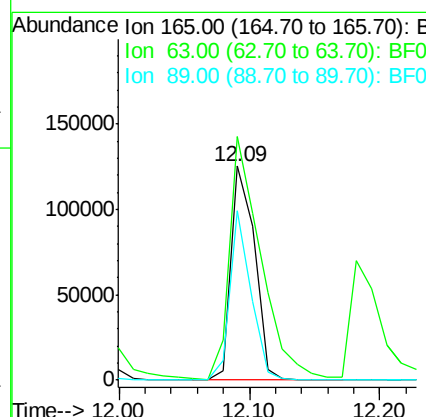
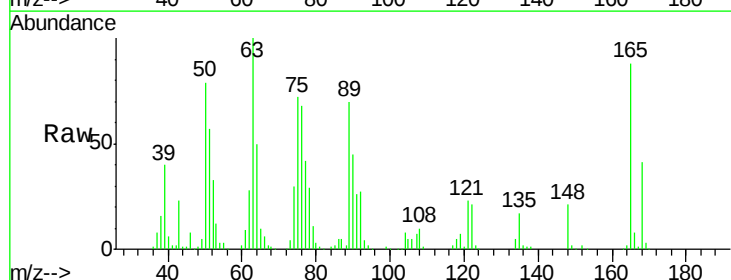
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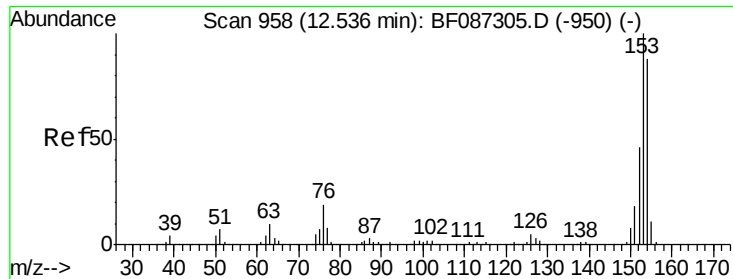
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#50
2,6-Dinitrotoluene
Concen: 37.28 ng
RT: 12.09 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157203		
63	114.0		51.8	77.8#
89	79.4		50.7	76.1#





#51

Acenaphthene

Concen: 37.66 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

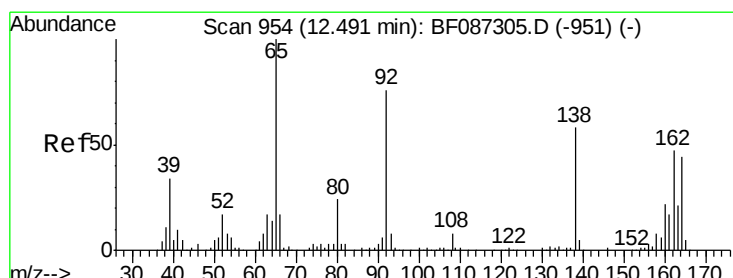
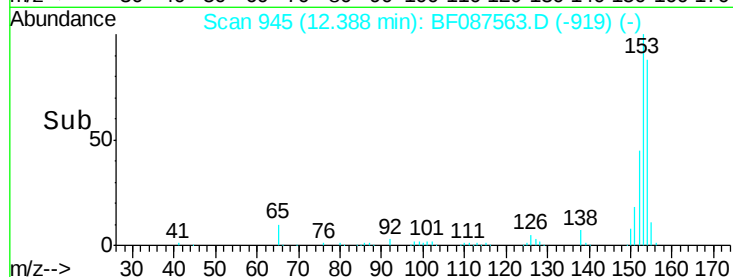
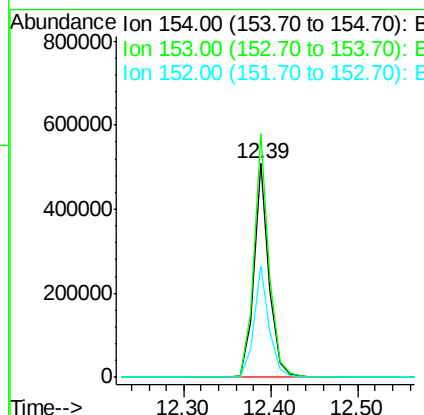
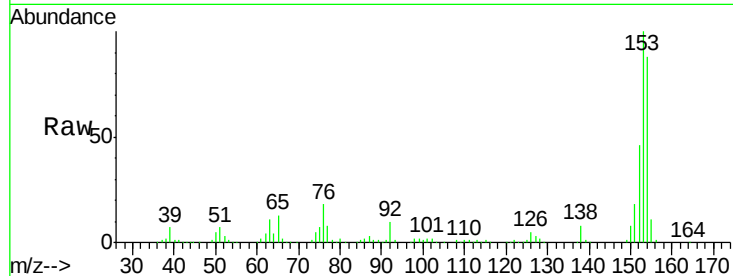
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	616629
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.8	134.6
152	52.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 39.55 ng

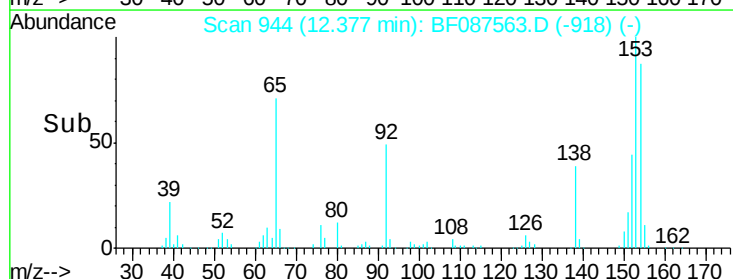
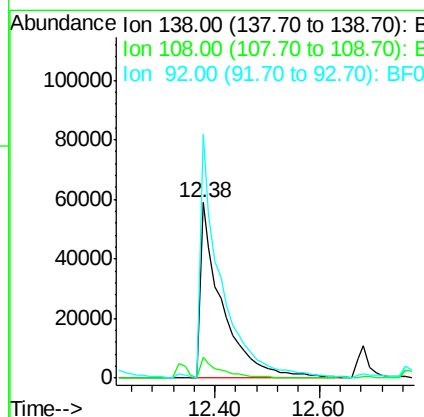
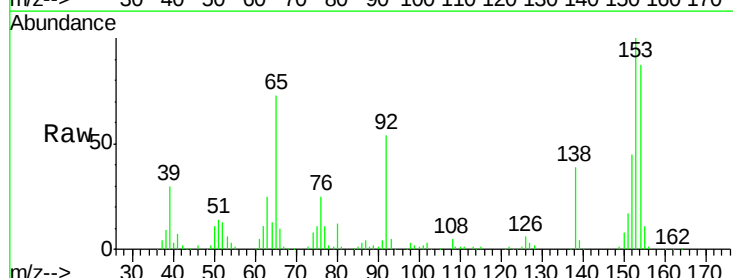
RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	138	Resp:	171142
Ion Ratio	Lower	Upper	
138	100		
108	11.8	7.8	11.6#
92	138.8	87.8	131.8#





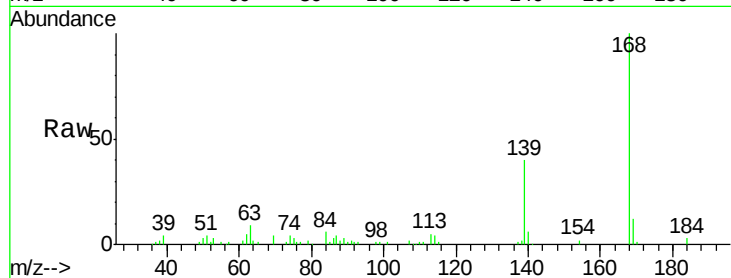
#53
2,4-Dinitrophenol
Concen: 9.23 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.10 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	344.2	55.8	83.8#
154	81.0	62.4	93.6

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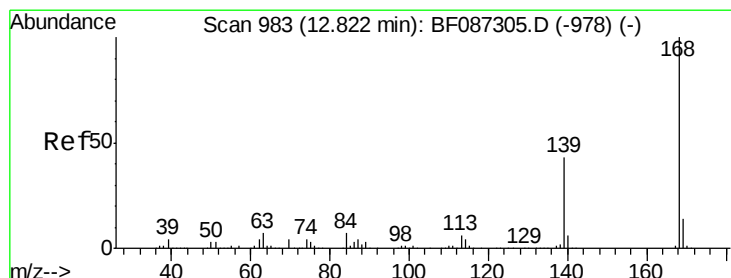
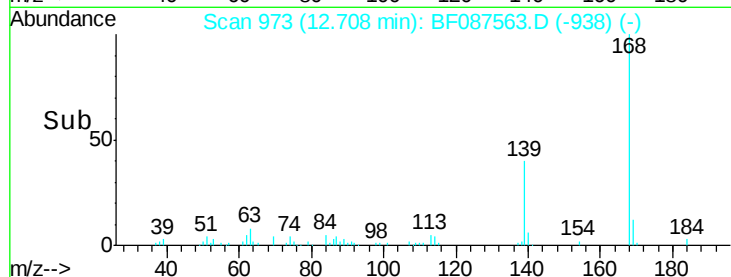
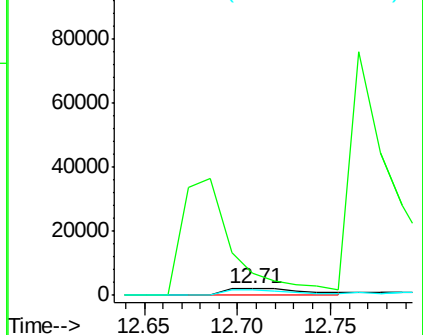


Abundance

Ion 184.00 (183.70 to 184.70): E

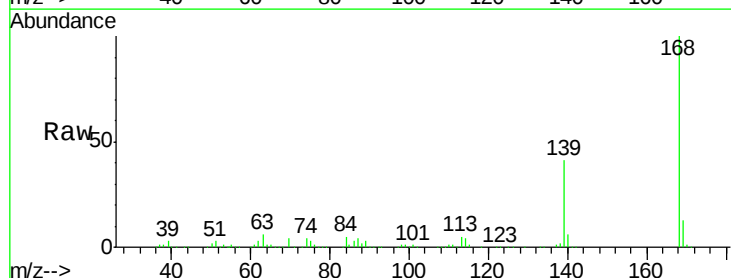
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 38.50 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	31.4	47.0
169	13.4	10.7	16.1

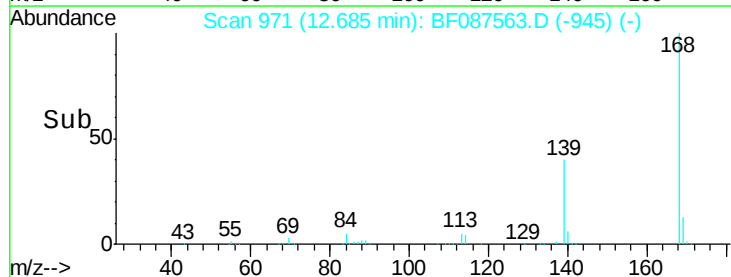
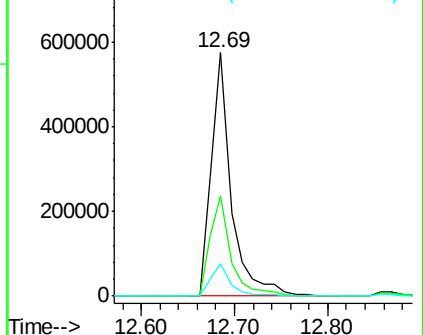


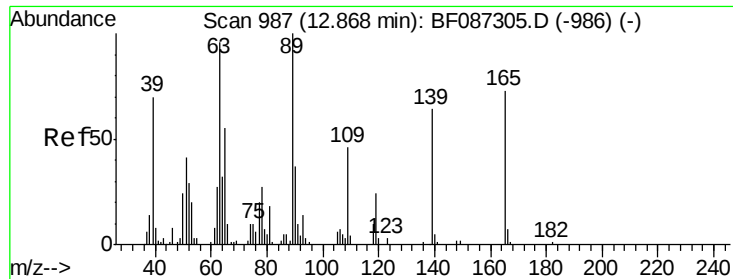
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





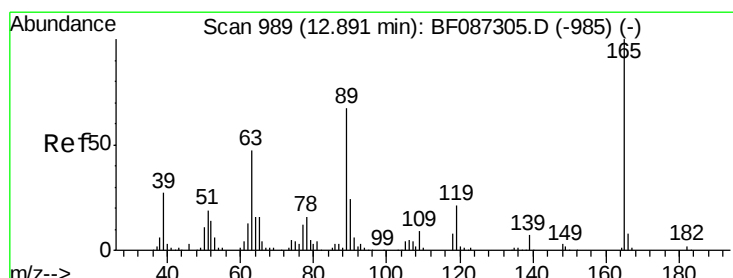
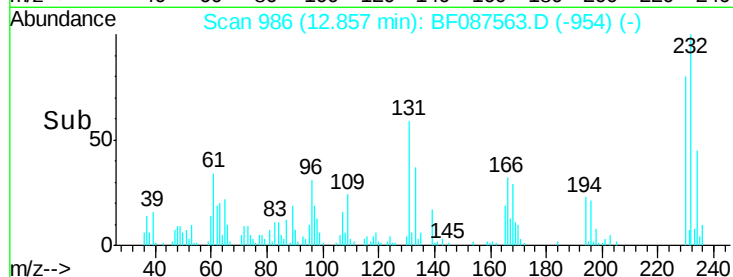
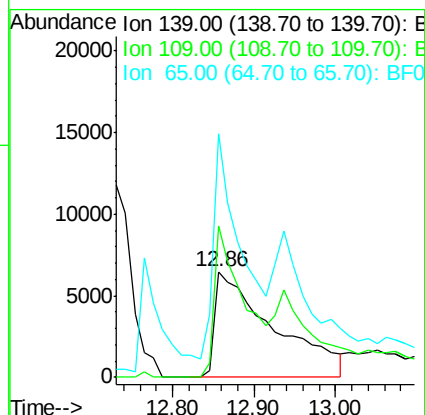
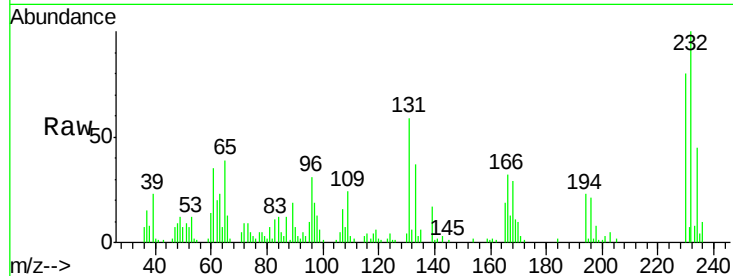
#55
4-Nitrophenol
Concen: 15.69 ng
RT: 12.86 min Scan# 986
Delta R.T. 0.07 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	143.8	36.9	76.9#	
65	230.5	64.0	104.0#	

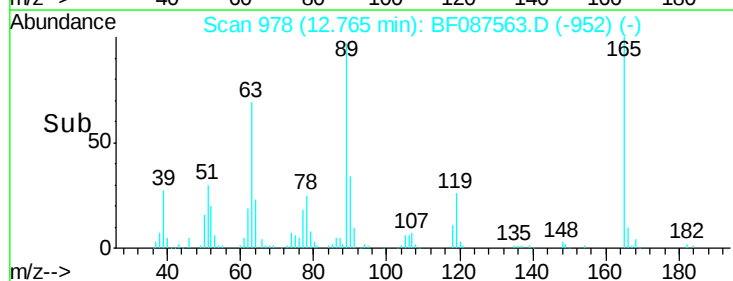
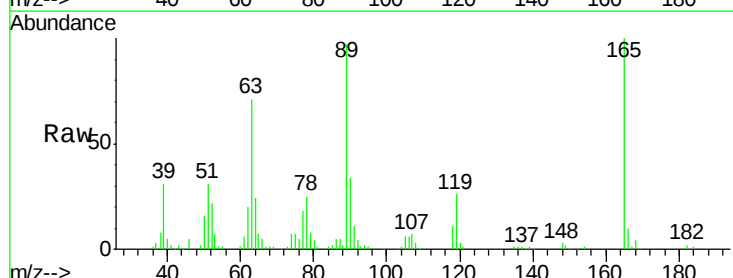
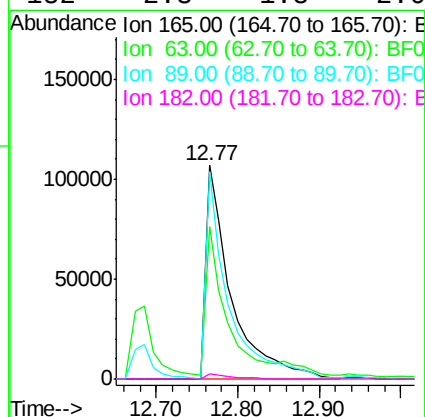
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#56
2,4-Dinitrotoluene
Concen: 41.44 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.1	44.3	66.5#	
89	97.1	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 37.77 ng

RT: 13.23 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

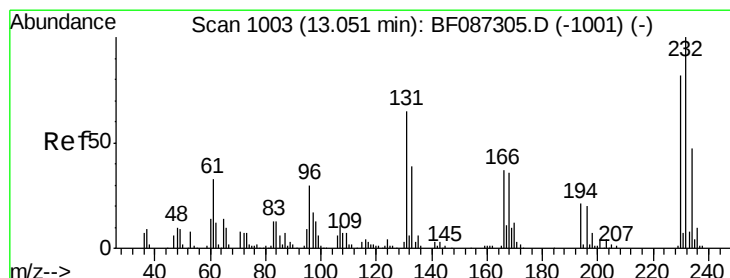
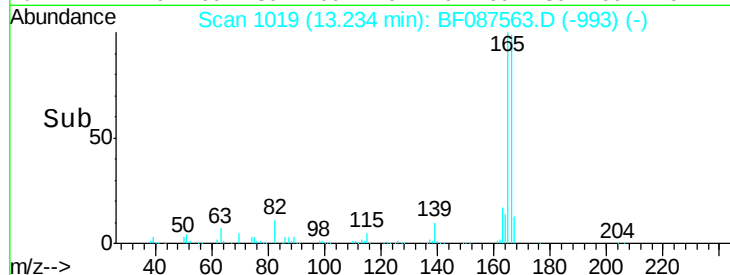
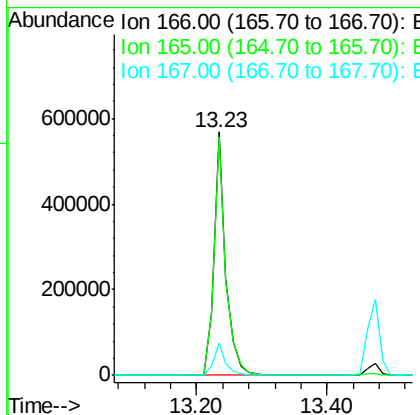
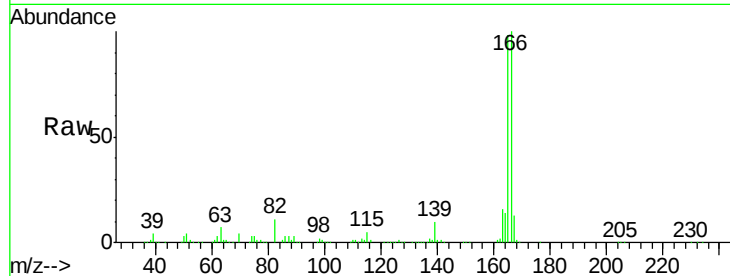
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	726091
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.0	118.6
167	13.3	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 28.06 ng

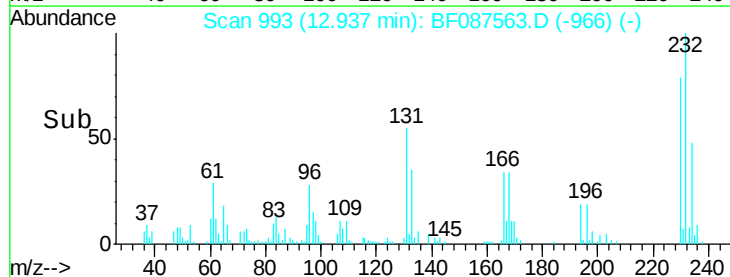
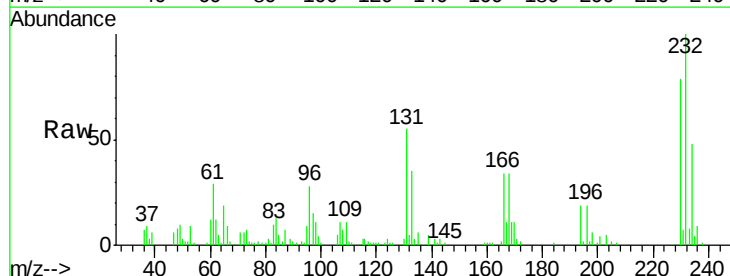
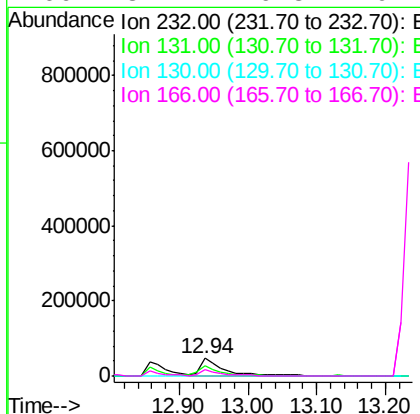
RT: 12.94 min Scan# 993

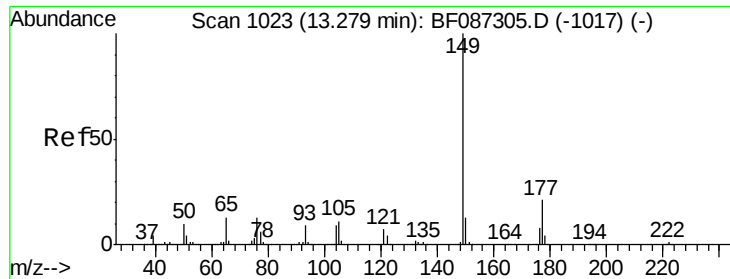
Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	232	Resp:	106089
Ion Ratio	Lower	Upper	
232	100		
131	58.3	41.9	62.9
130	2.6	2.2	3.4
166	32.2	26.8	40.2





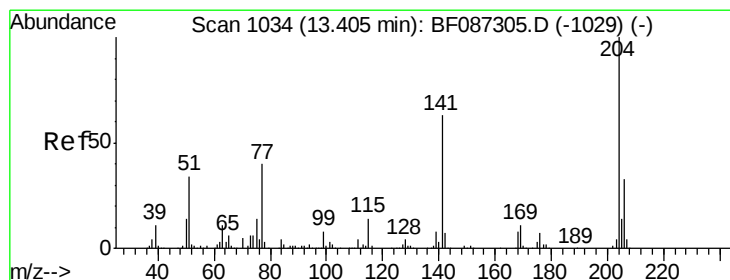
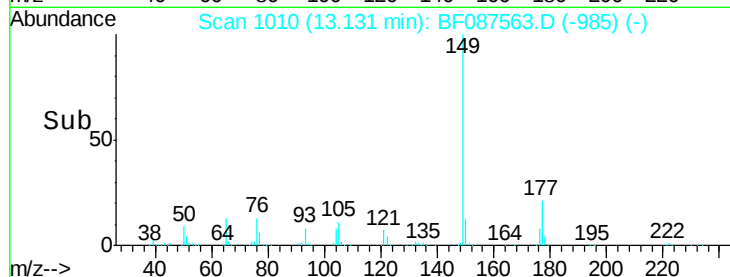
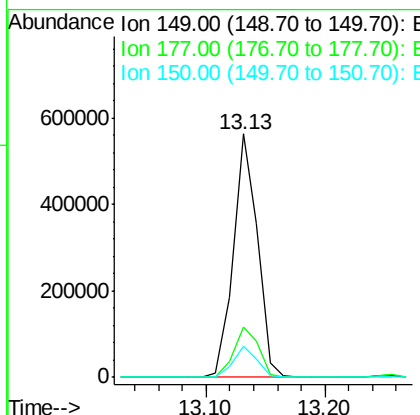
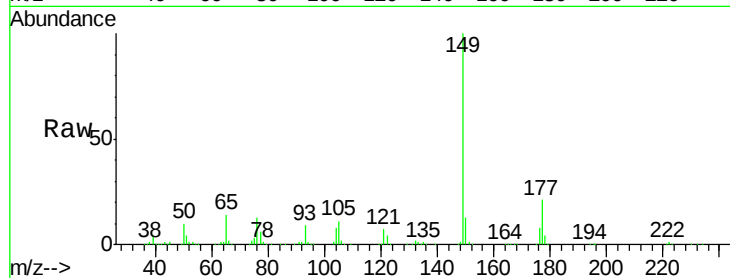
#59
Diethylphthalate
Concen: 38.90 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	791437		
177	20.8	16.6	24.8	
150	12.9	10.0	15.0	

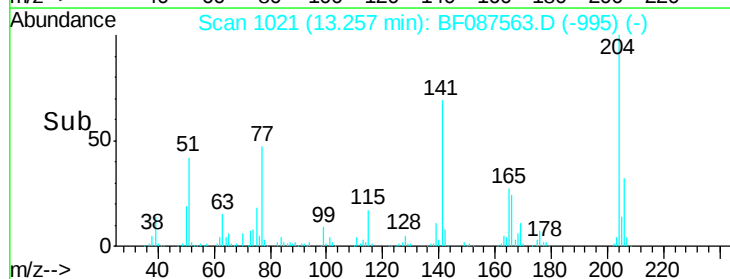
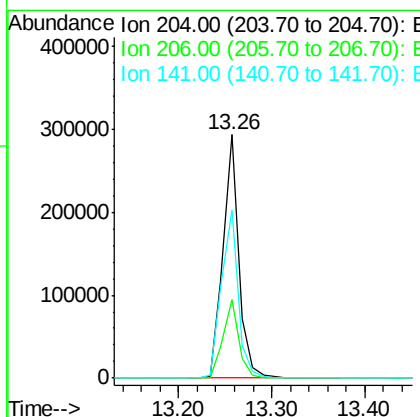
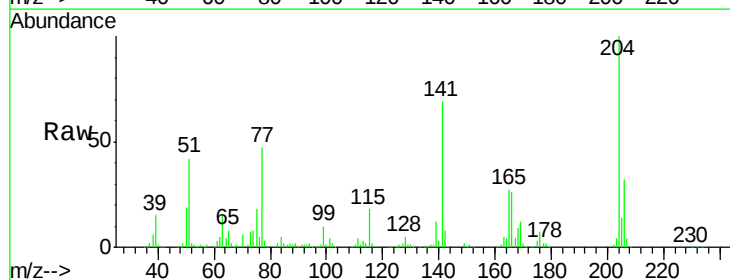
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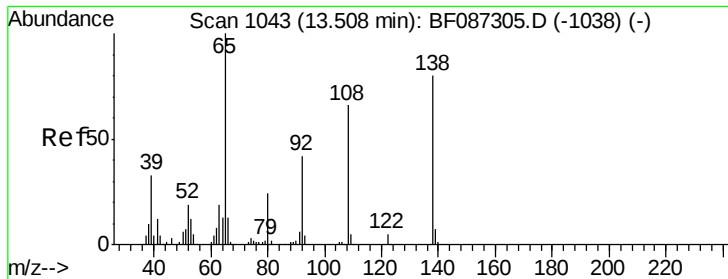
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#60
4-Chlorophenyl-phenylether
Concen: 36.86 ng
RT: 13.26 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345561		
206	32.4	25.4	38.0	
141	68.9	61.6	92.4	





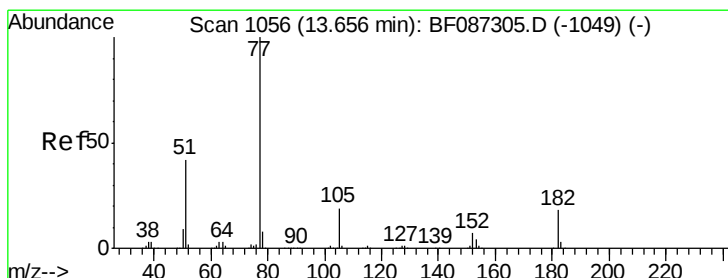
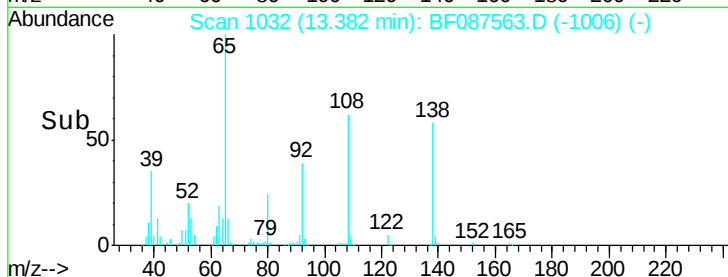
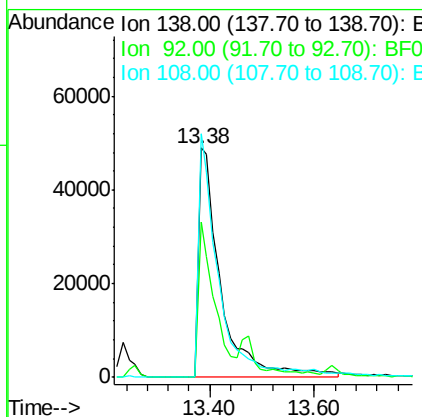
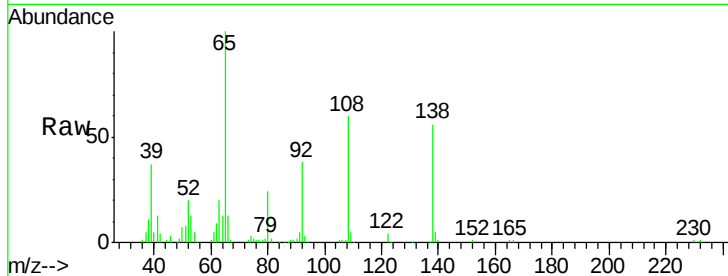
#61
4-Nitroaniline
Concen: 36.47 ng
RT: 13.38 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	67.7	24.7	64.7#
108	106.3	37.4	77.4#

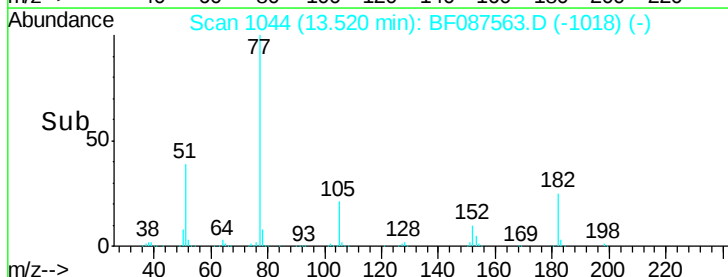
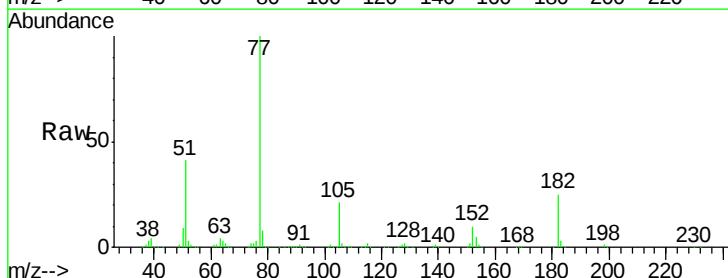
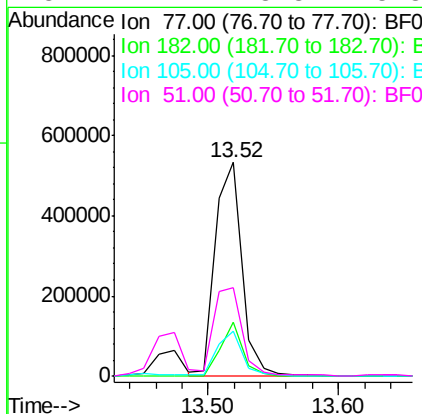
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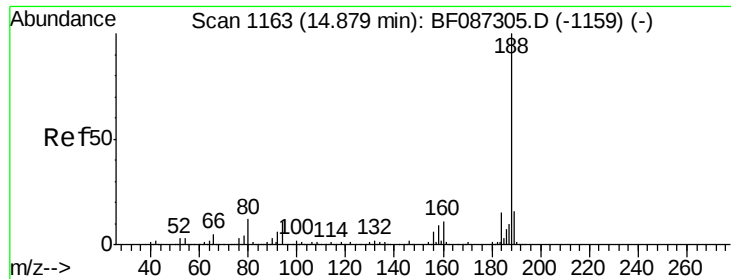
umangi
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#62
Azobenzene
Concen: 35.91 ng
RT: 13.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	0.0	38.8
105	21.2	3.2	43.2
51	41.1	8.8	48.8





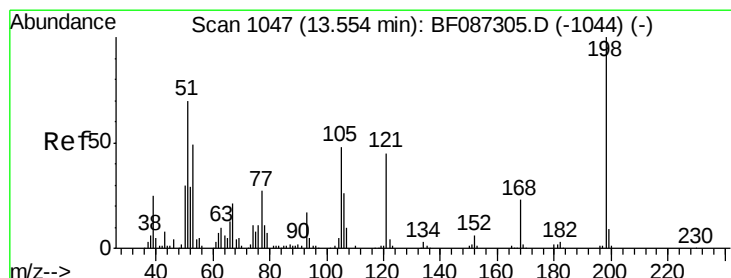
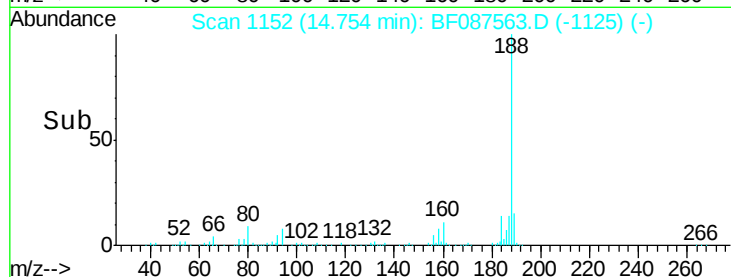
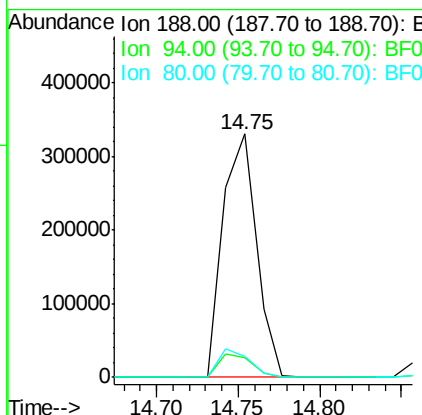
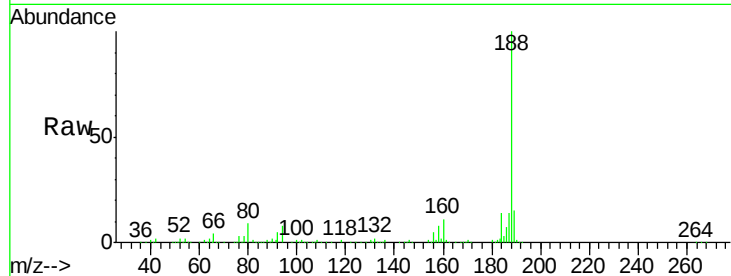
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	470303		
94	7.9	6.8	10.2	
80	8.8	7.1	10.7	

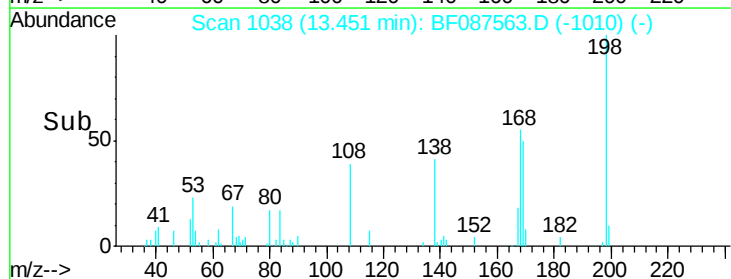
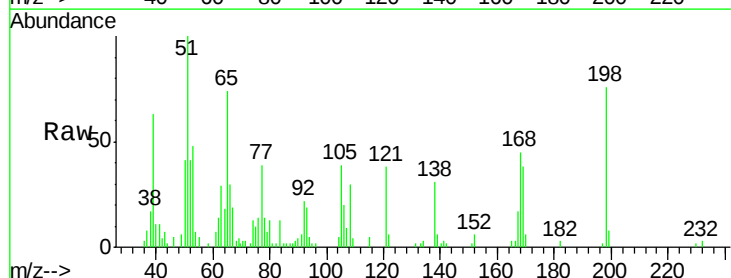
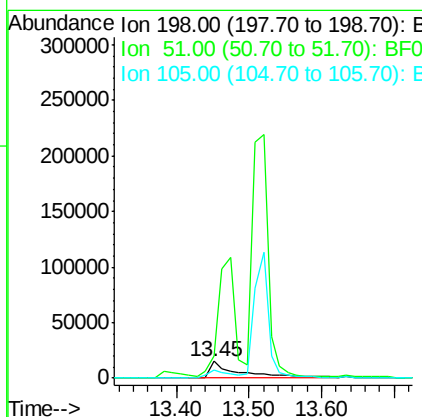
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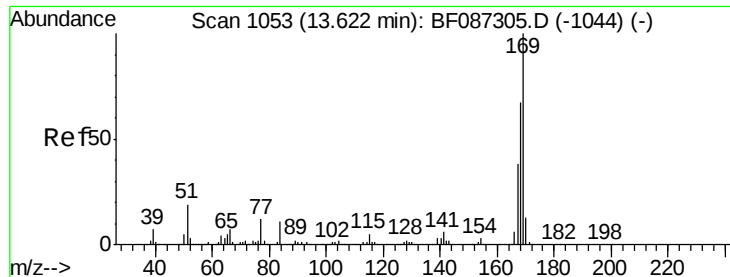
umangi
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.47 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43264		
51	131.2	20.5	60.5#	
105	51.2	24.5	64.5	





#65

n-Nitrosodiphenylamine

Concen: 39.02 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

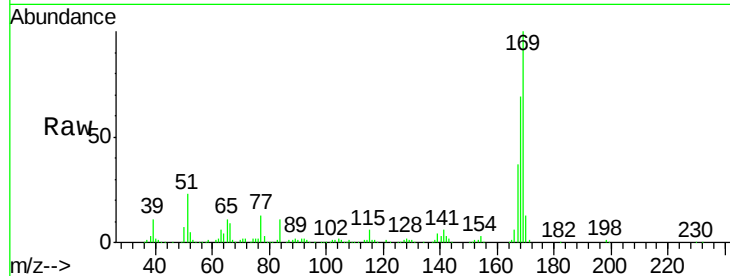
ClientSampleId :

SSTDCCC040

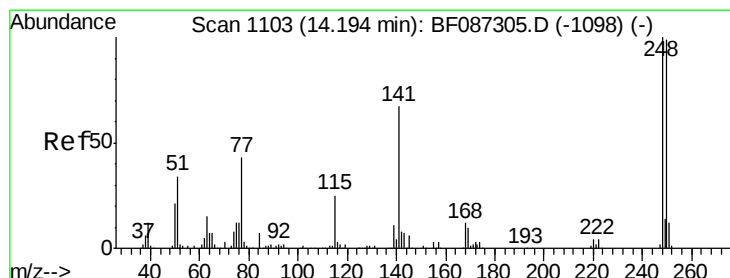
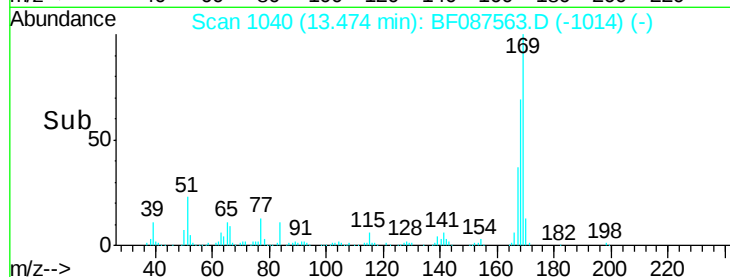
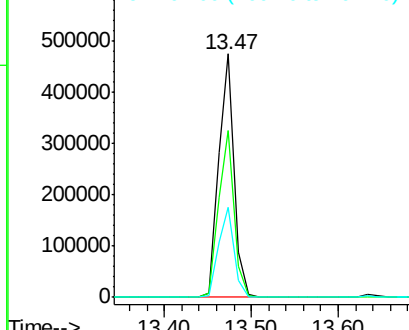
Tot Ion:	169	Resp:	593411
Ion Ratio	Lower	Upper	
169	100		
168	68.7	53.8	80.6
167	37.2	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 38.51 ng

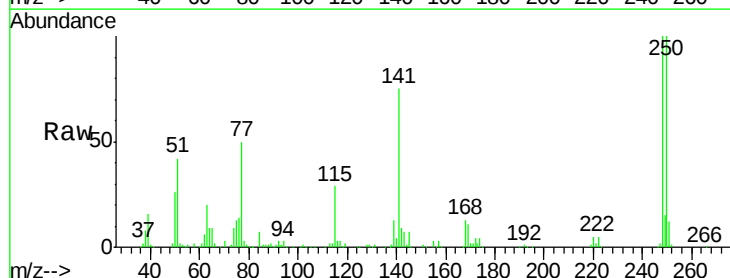
RT: 14.05 min Scan# 1090

Delta R.T. 0.00 min

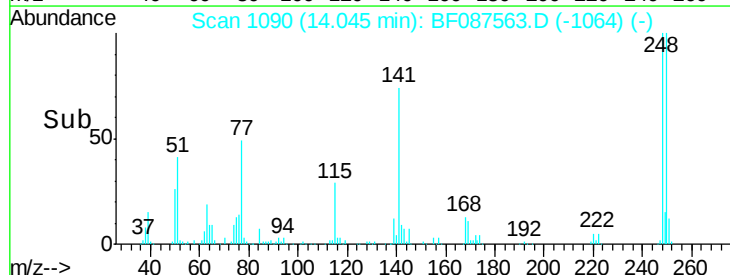
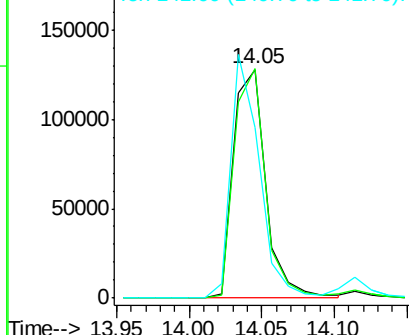
Lab File: BF087563.D

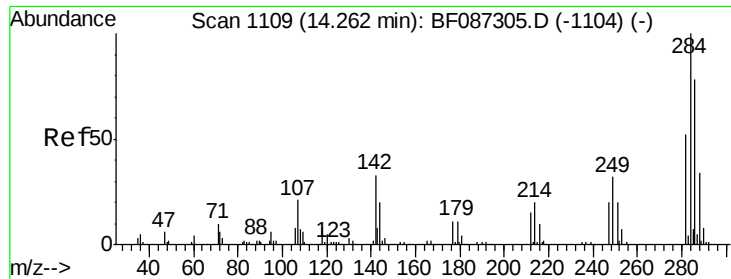
Acq: 30 May 2016 22:45

Tgt Ion:	248	Resp:	198118
Ion Ratio	Lower	Upper	
248	100		
250	100.3	78.6	117.8
141	74.9	76.0	114.0#



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





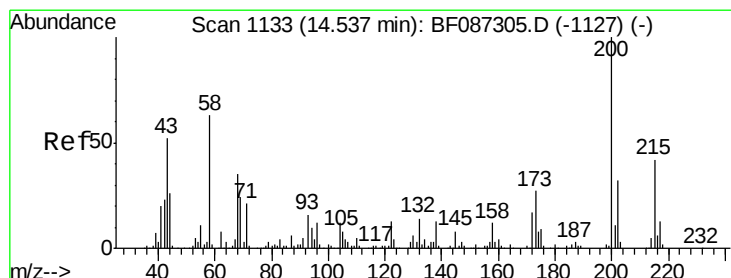
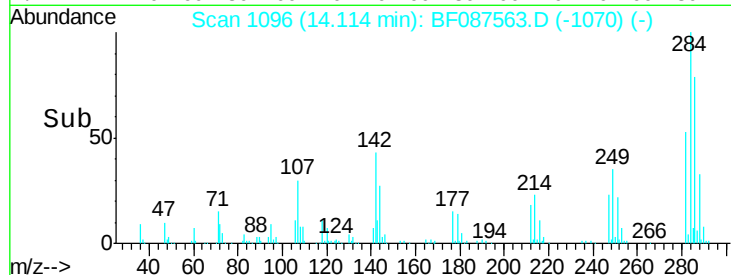
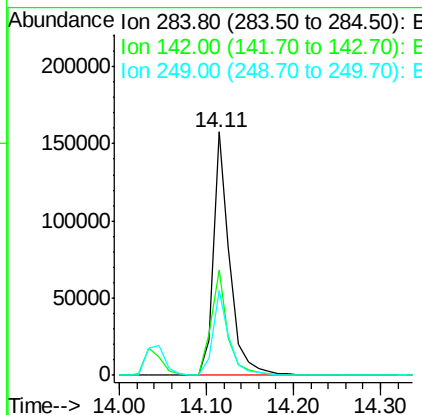
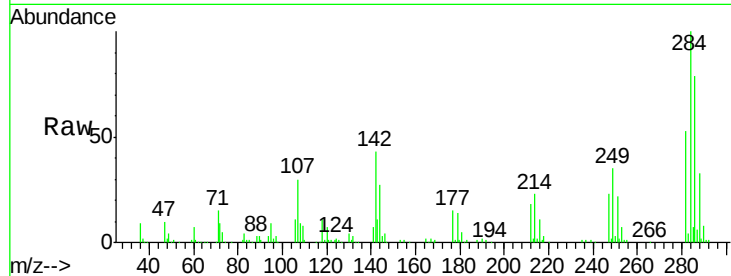
#67
Hexachlorobenzene
Concen: 38.55 ng
RT: 14.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	284	Resp:	207441
Ion Ratio	Lower	Upper	
284	100		
142	43.3	16.7	25.1#
249	35.0	21.3	31.9#

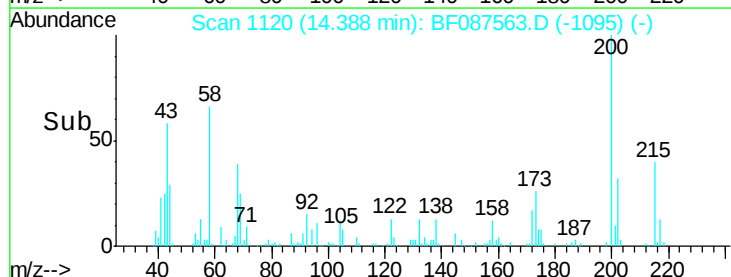
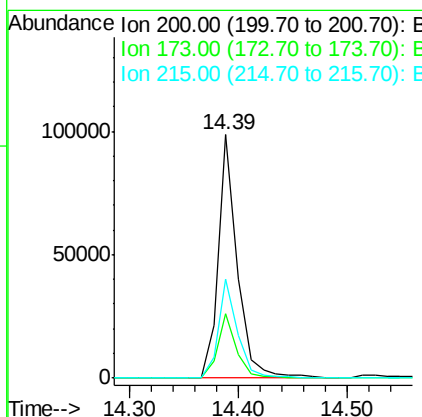
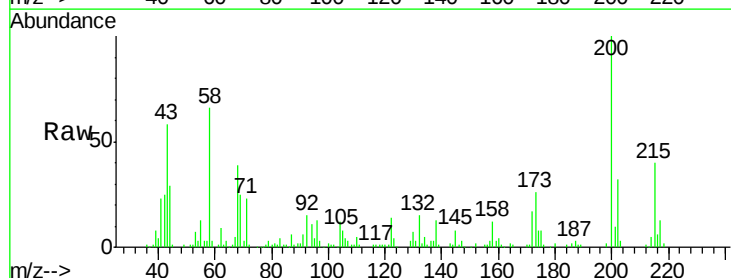
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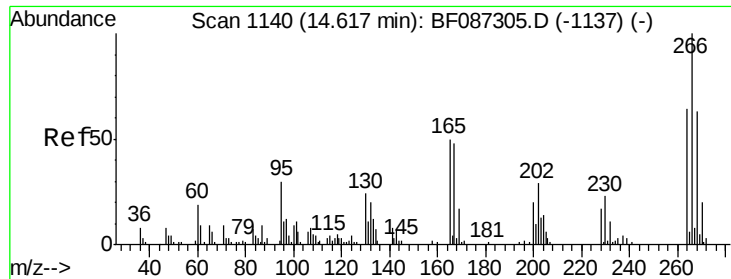
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#68
Atrazine
Concen: 24.89 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion:	200	Resp:	120682
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.5	48.5
215	40.5	27.2	67.2





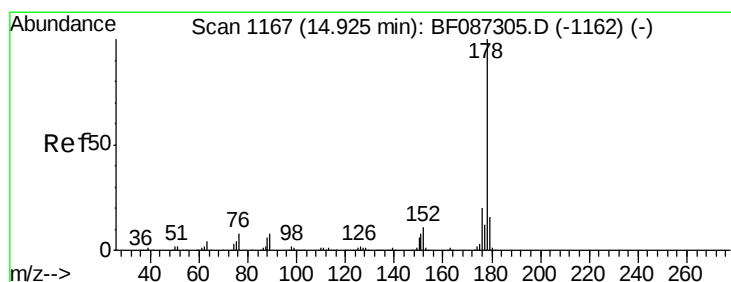
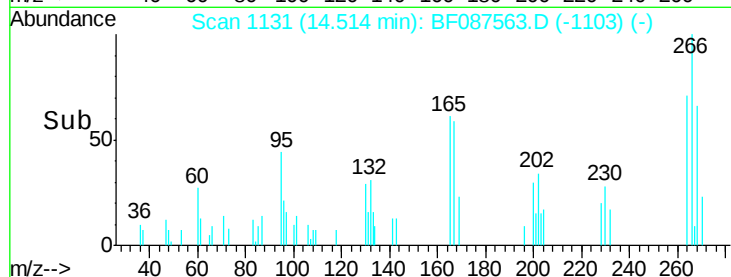
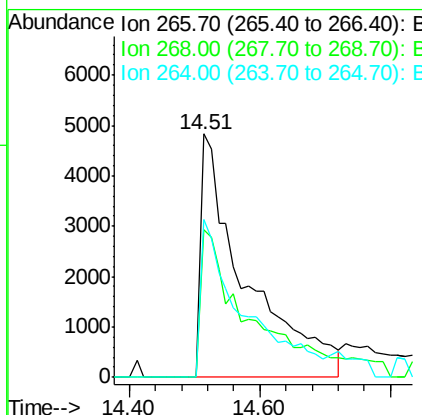
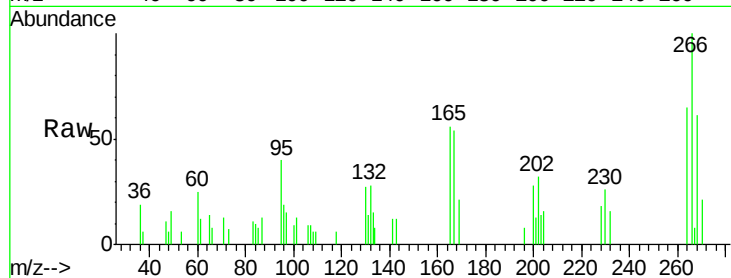
#69
 Pentachlorophenol
 Concen: 18.87 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.5	77.3
264	64.8	52.9	79.3

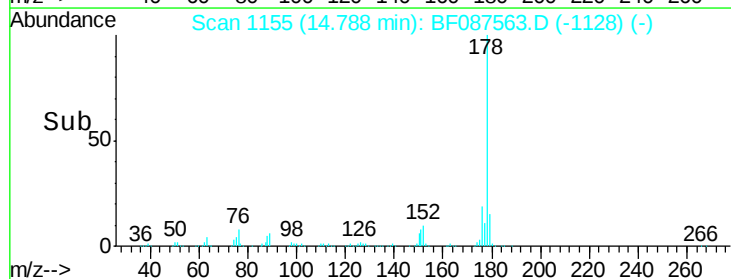
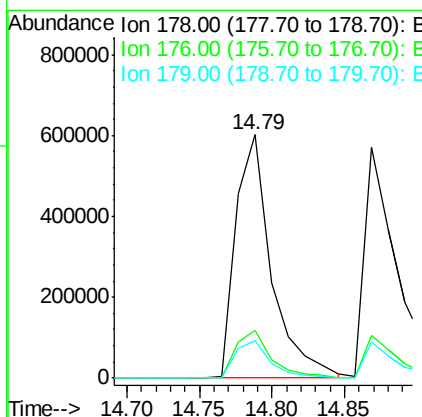
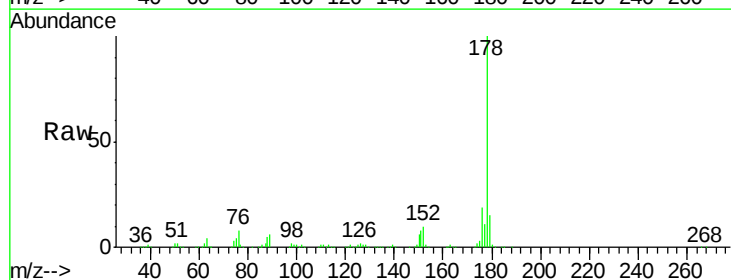
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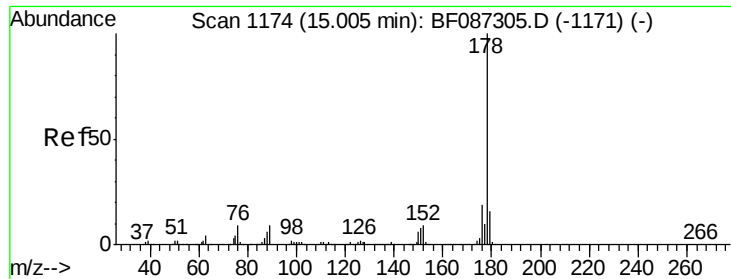
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#70
 Phenanthrene
 Concen: 39.50 ng
 RT: 14.79 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.5	12.6	18.8





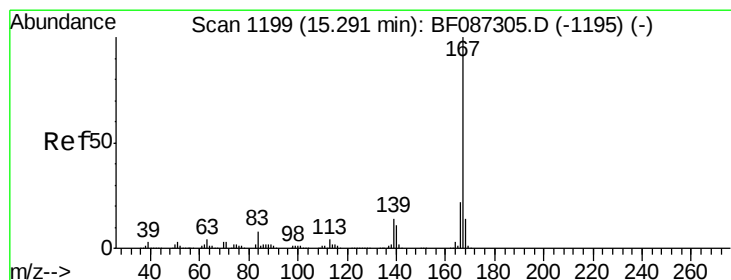
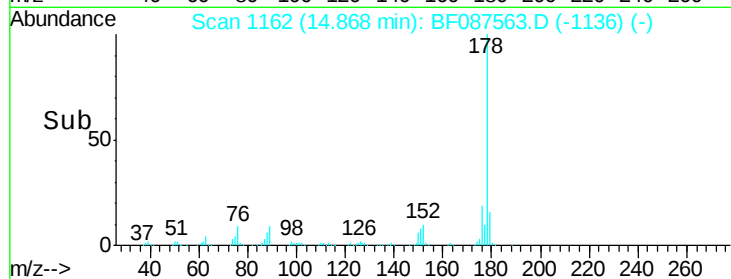
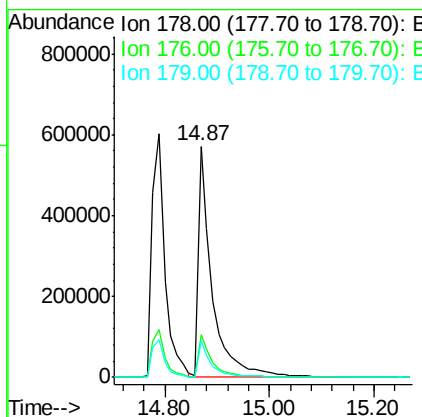
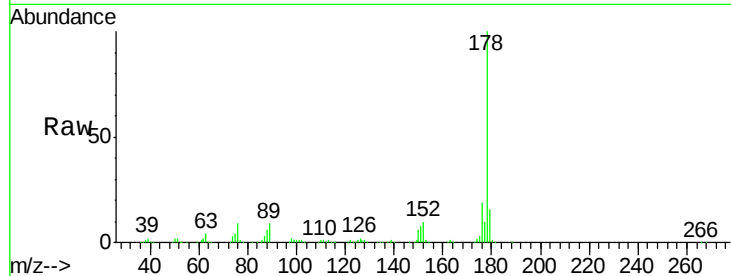
#71
 Anthracene
 Concen: 40.10 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1055272
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.6 23.4
 179 15.6 12.7 19.1

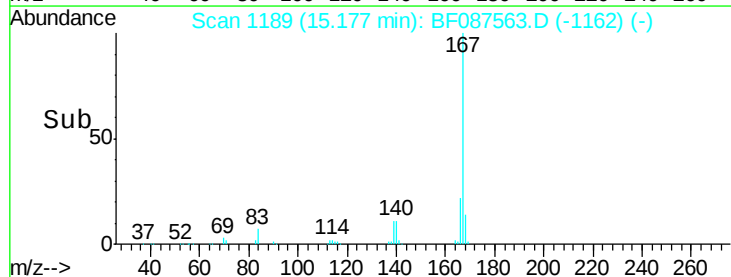
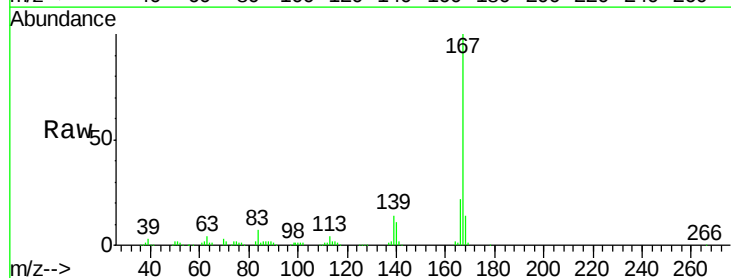
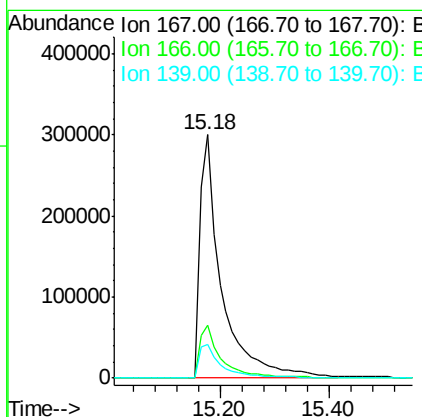
Manual Integrations
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#72
 Carbazole
 Concen: 36.75 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion:167 Resp: 824973
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.09 ng

RT: 15.73 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1134788

Ion Ratio Lower Upper

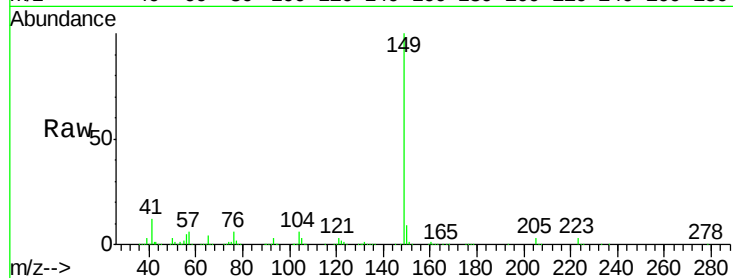
149 100

150 9.4 7.6 11.4

104 6.1 3.8 5.6#

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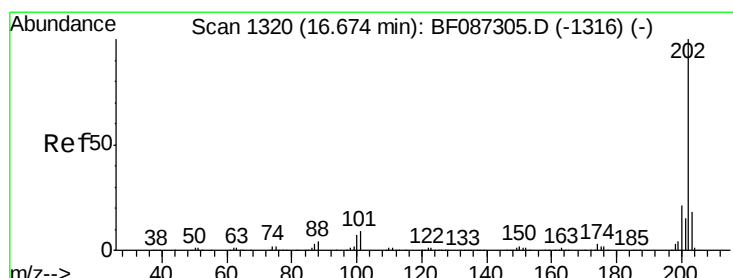
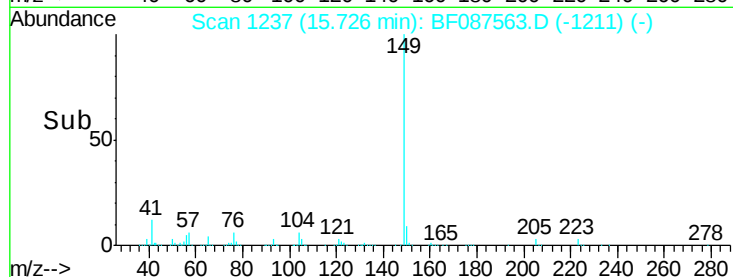
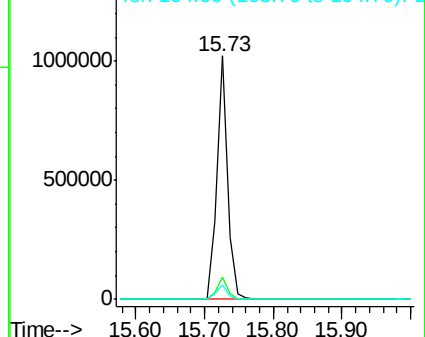
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.89 ng

RT: 16.56 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

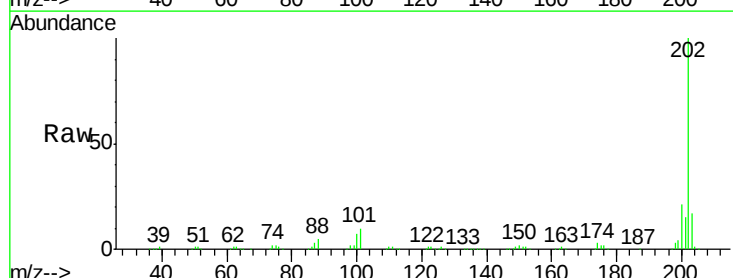
Tgt Ion:202 Resp: 937428

Ion Ratio Lower Upper

202 100

101 9.6 0.0 35.4

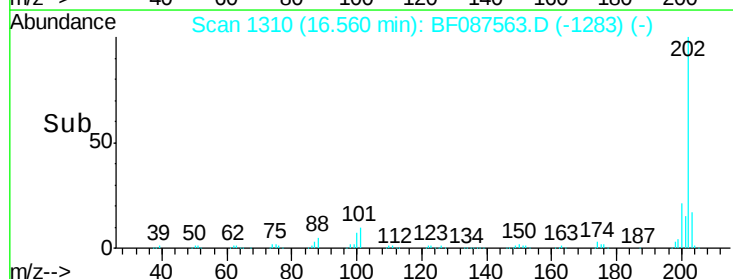
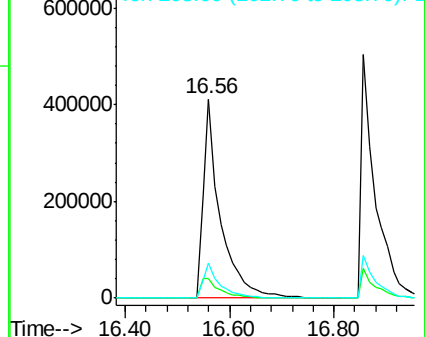
203 17.4 0.0 38.1

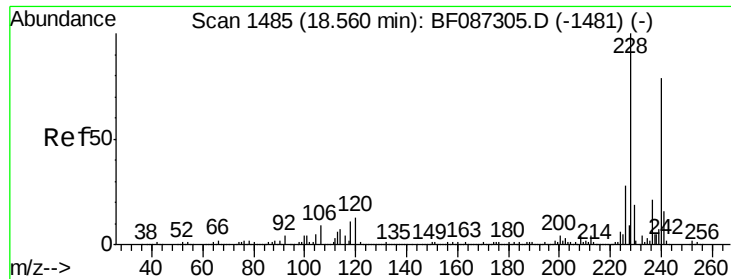


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

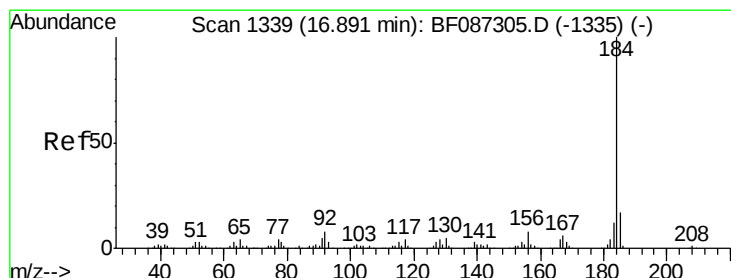
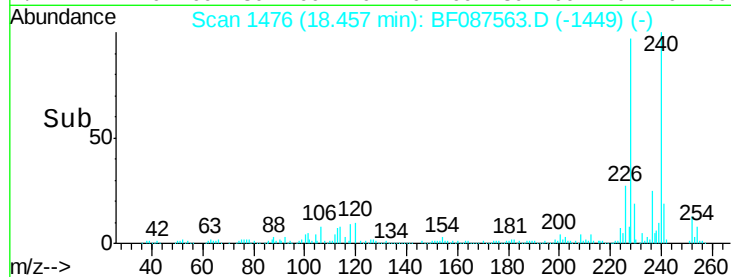
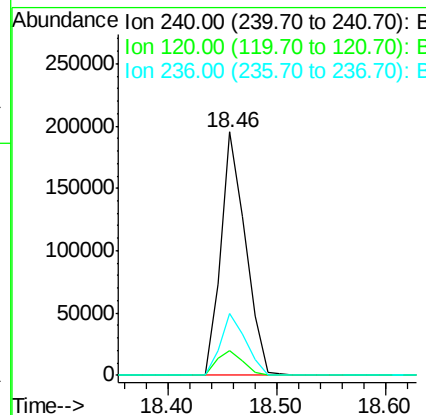
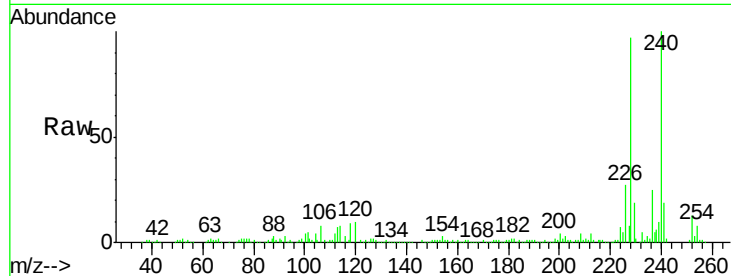
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	307451		
120	10.0	11.2	16.8#	
236	25.5	21.2	31.8	

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#76

Benzidine

Concen: 23.18 ng

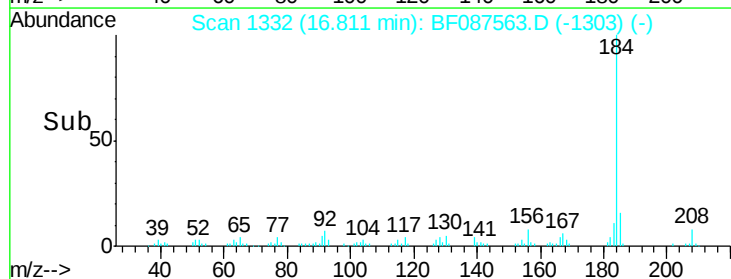
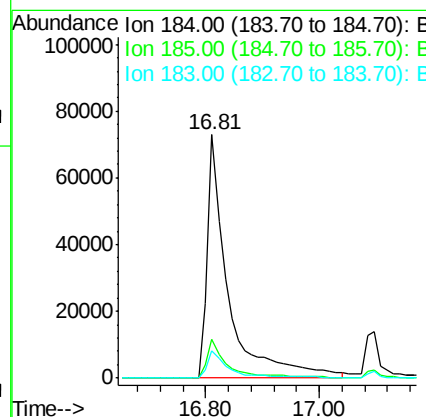
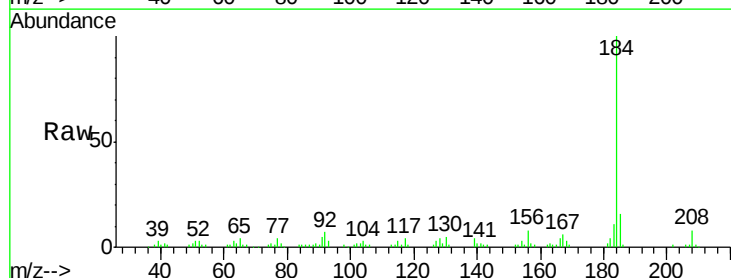
RT: 16.81 min Scan# 1332

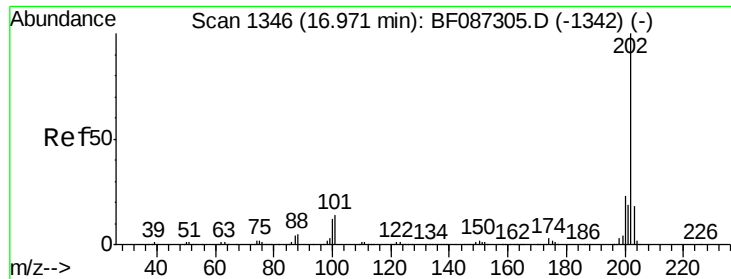
Delta R.T. 0.03 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	183391		
185	15.7	13.6	20.4	
183	11.3	9.8	14.6	





#77

Pvrene

Concen: 43.54 ng

RT: 16.86 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

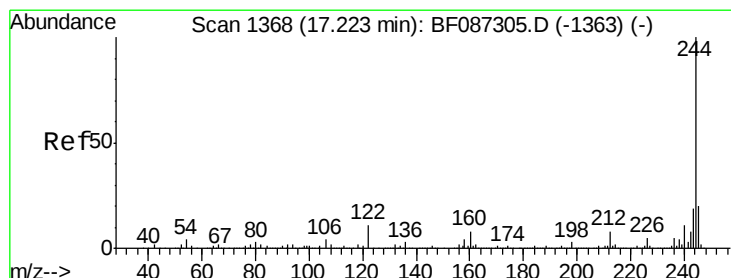
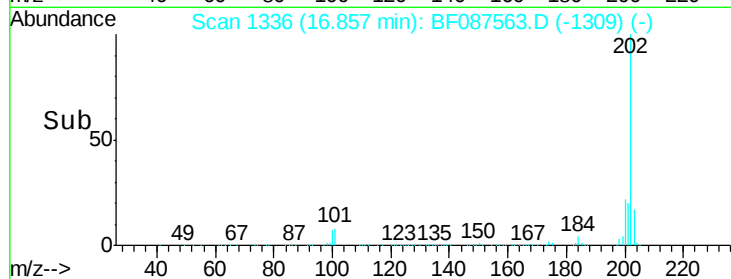
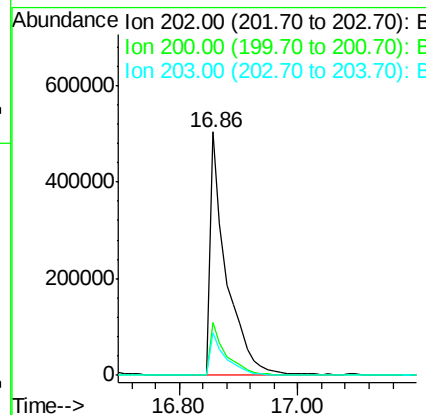
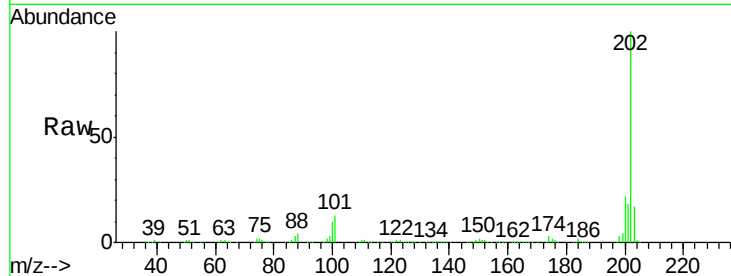
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	963545
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	17.4	14.2	21.4

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#78

Terphenyl-d14

Concen: 85.01 ng

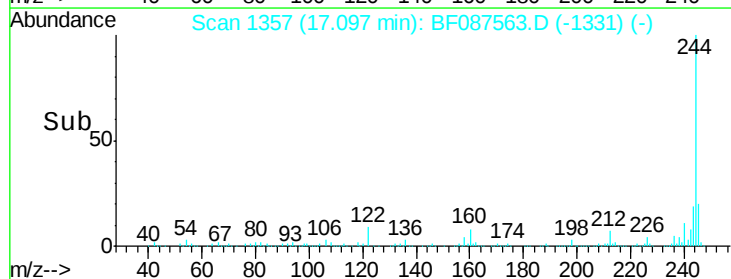
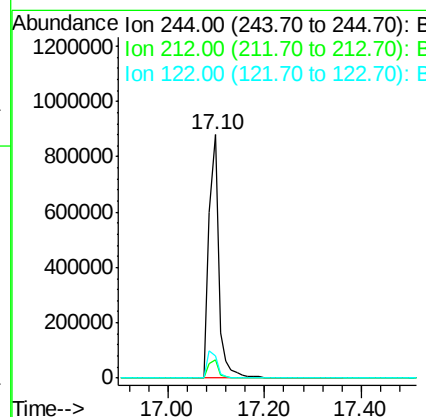
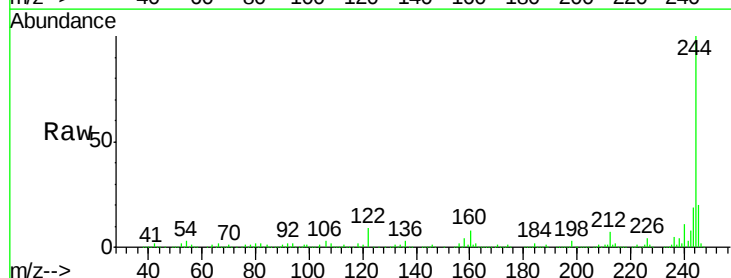
RT: 17.10 min Scan# 1357

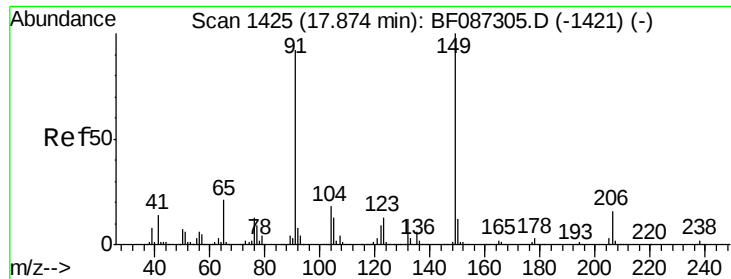
Delta R.T. 0.00 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	244	Resp:	1229329
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	9.2	12.0	18.0#





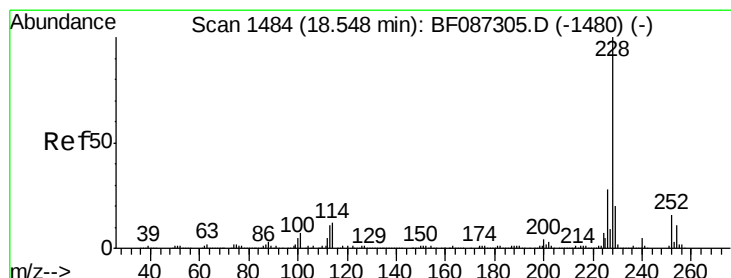
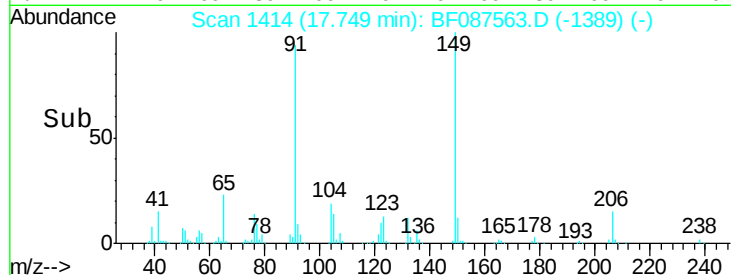
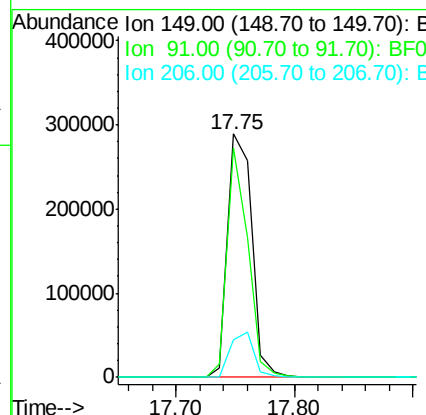
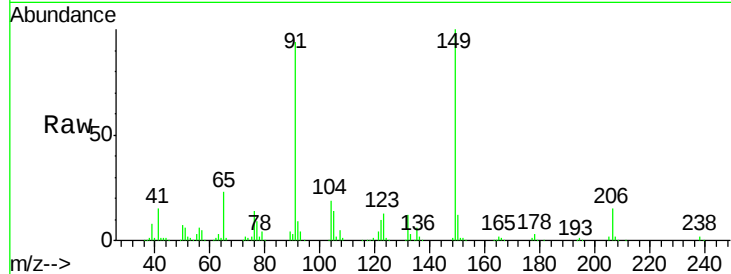
#79
Butylbenzylphthalate
Concen: 41.62 ng
RT: 17.75 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	408431		
91	94.4	48.0	72.0#	
206	15.2	15.8	23.6#	

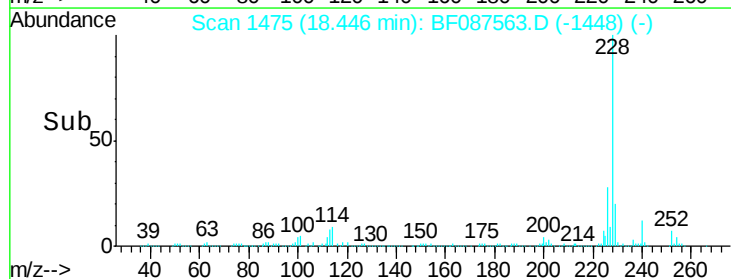
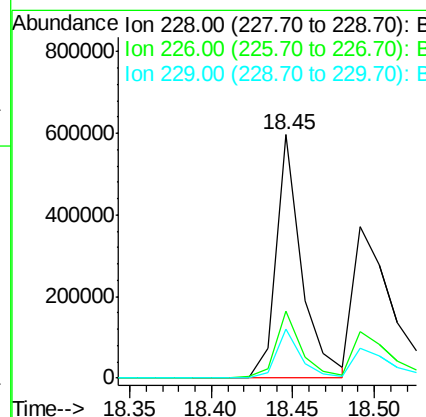
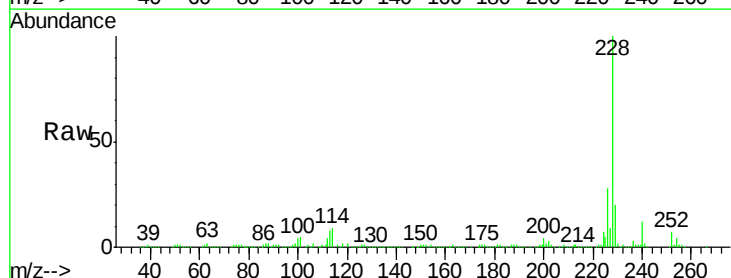
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#80
Benzo(a)anthracene
Concen: 37.12 ng
RT: 18.45 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	649230		
226	27.6	22.5	33.7	
229	20.0	16.6	25.0	





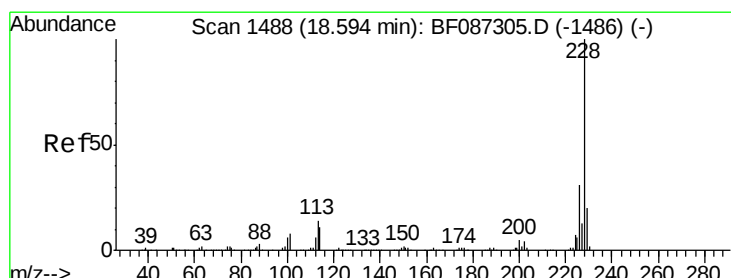
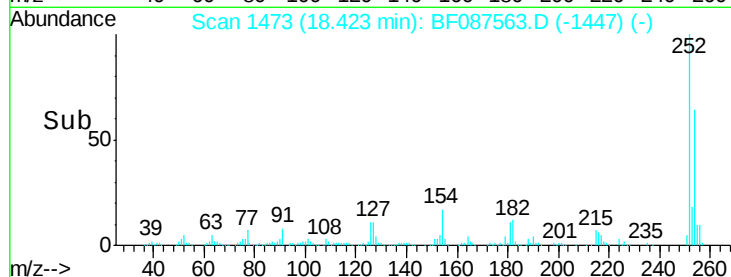
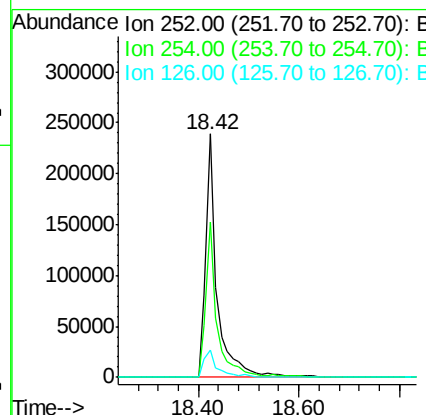
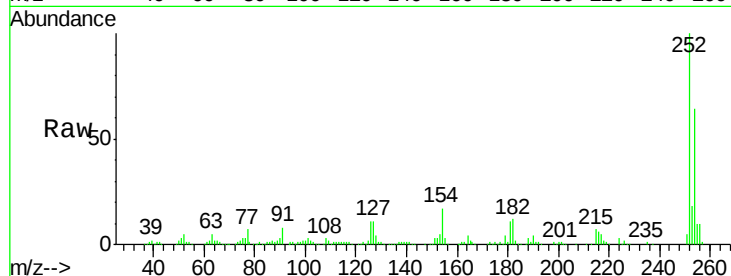
#81
 3,3'-Dichlorobenzidine
 Concen: 39.13 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	378037		
254	63.6	50.7	76.1	
126	11.0	12.7	19.1	

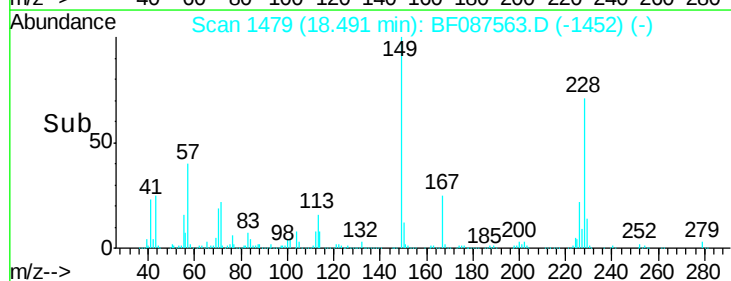
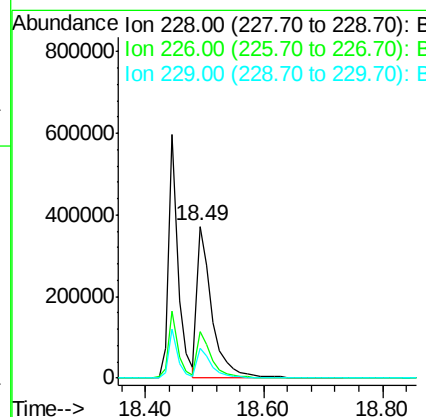
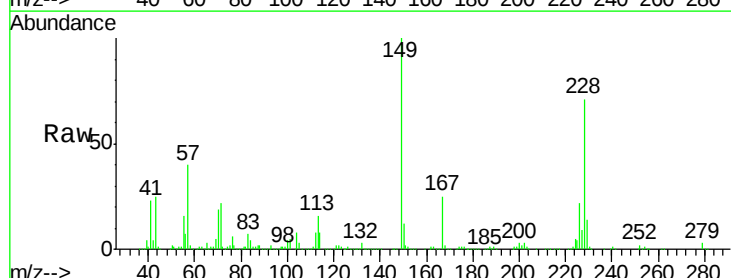
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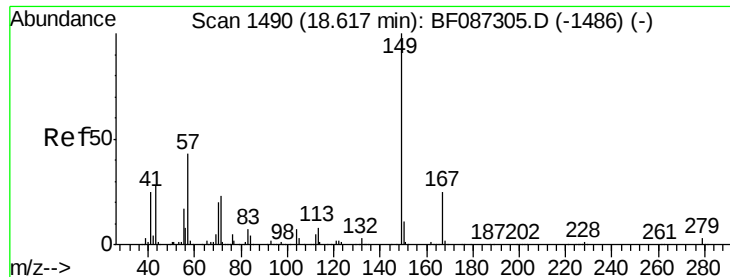
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#82
 Chrysene
 Concen: 37.76 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	655461		
226	30.4	24.4	36.6	
229	20.0	15.8	23.8	





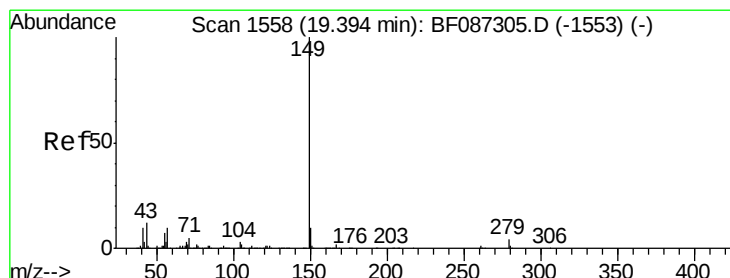
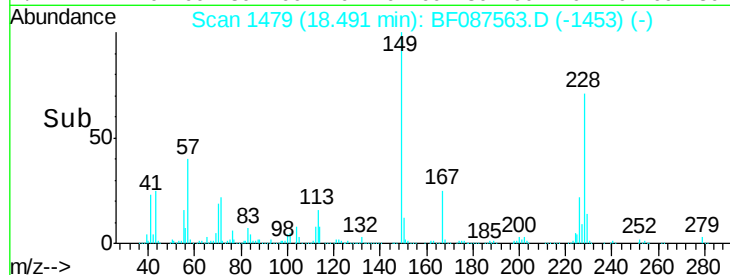
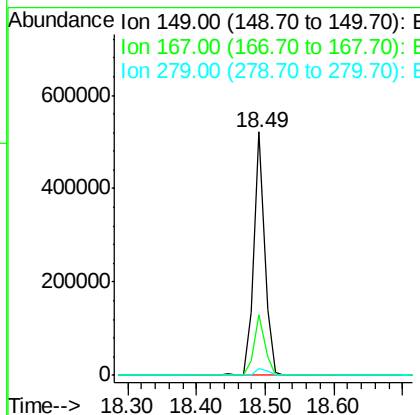
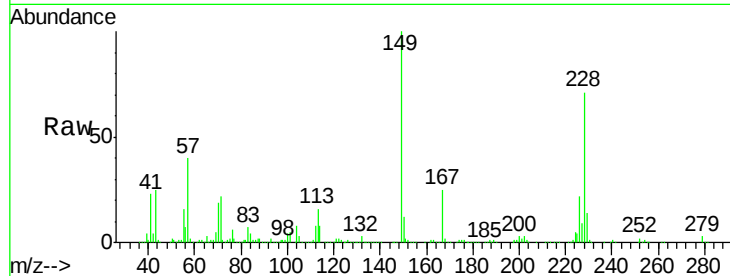
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.01 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	558652		
167	24.7	21.8	32.6	
279	2.7	2.6	4.0	

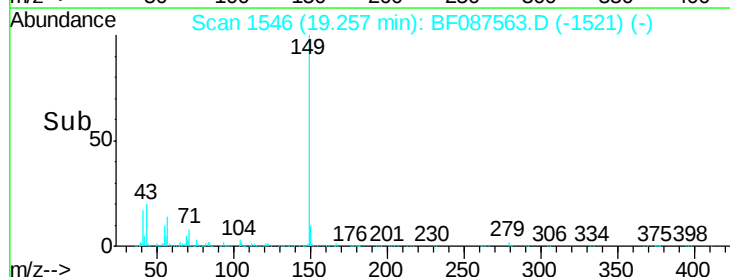
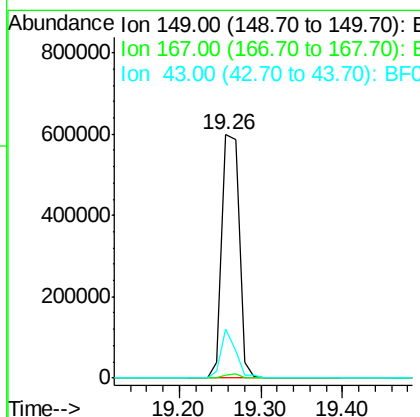
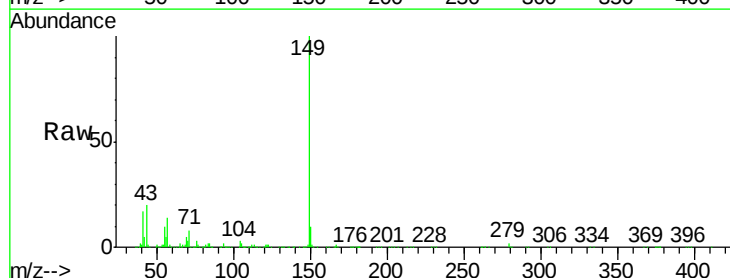
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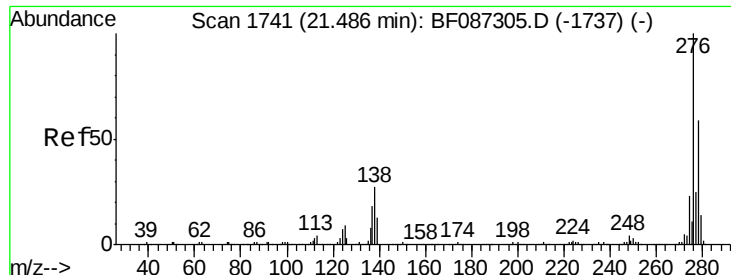
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#84
 Di-n-octyl phthalate
 Concen: 40.01 ng
 RT: 19.26 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	873885		
167	1.6	1.2	1.8	
43	17.9	8.2	12.4	





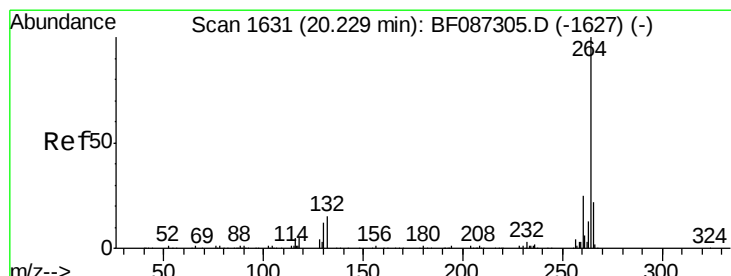
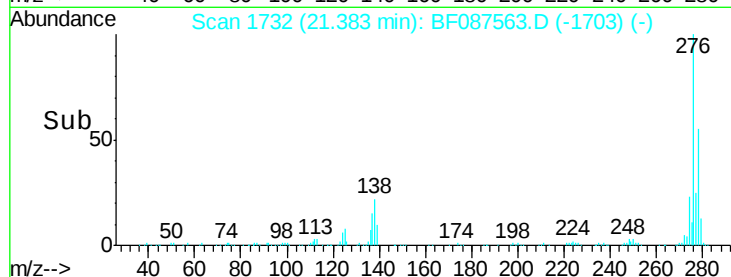
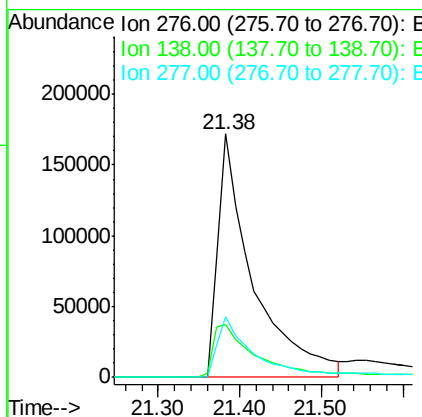
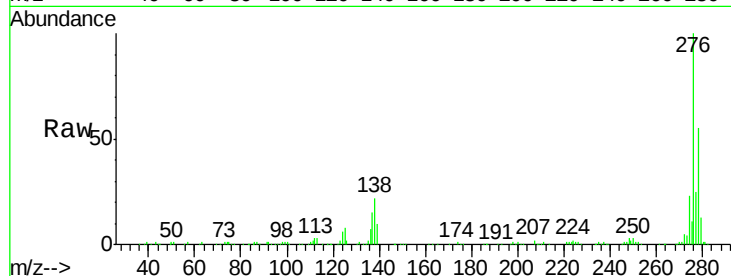
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.81 ng
RT: 21.38 min Scan# 1732
Delta R.T. 0.03 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	276	Resp:	512146
Ion Ratio	Lower	Upper	
276	100		
138	28.6	25.6	38.4
277	25.3	20.5	30.7

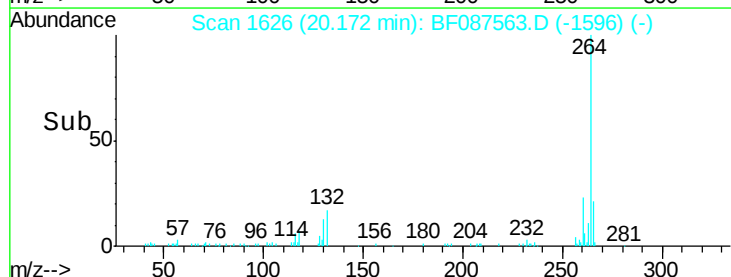
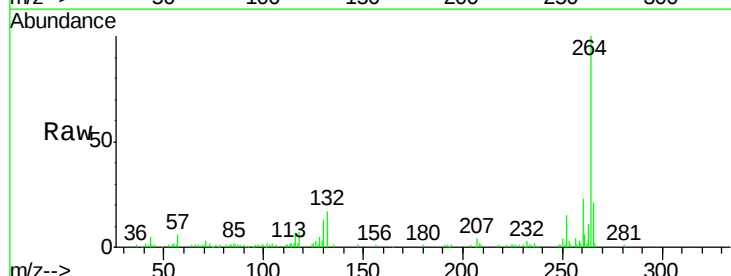
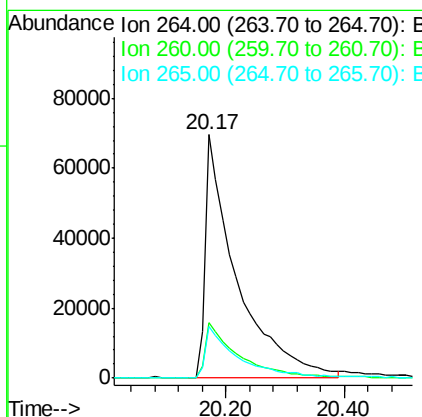
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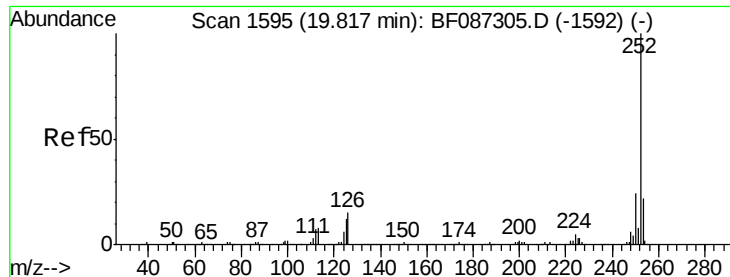
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.05 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion:	264	Resp:	257601
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.5	29.3
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 34.42 ng m

RT: 19.73 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Instrument :

BNA_F

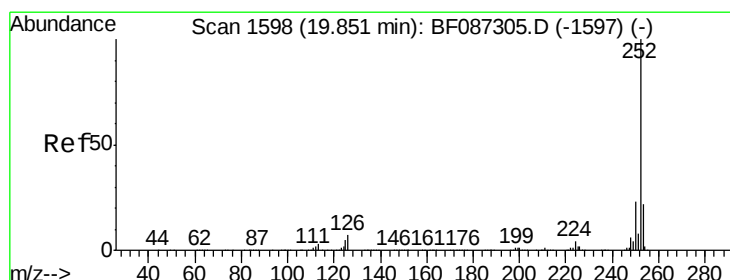
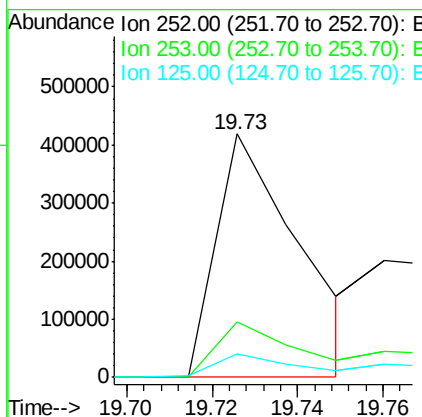
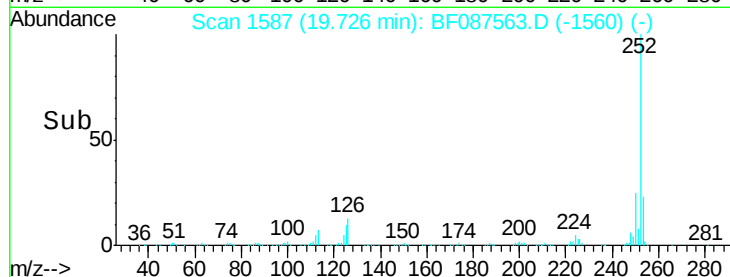
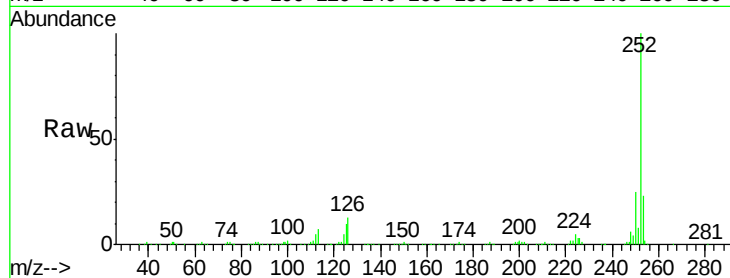
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	564781
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.8	11.4	17.0#

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#88

Benzo(k)fluoranthene

Concen: 53.33 ng m

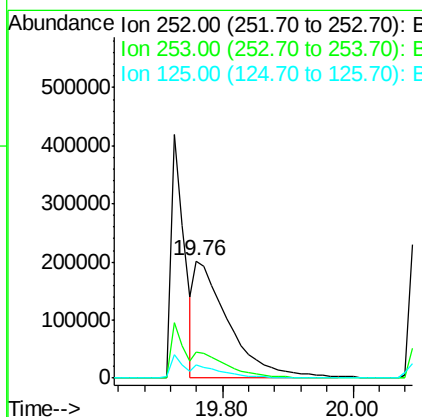
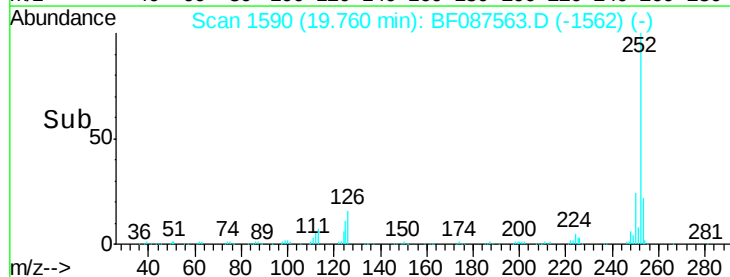
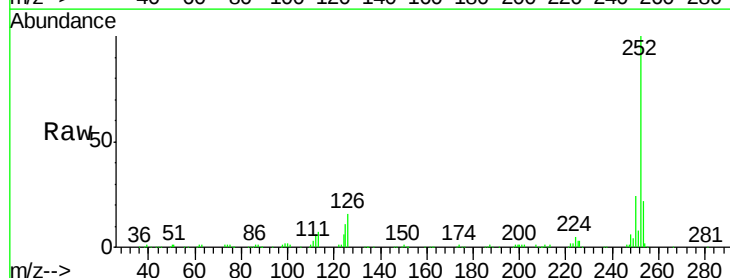
RT: 19.76 min Scan# 1590

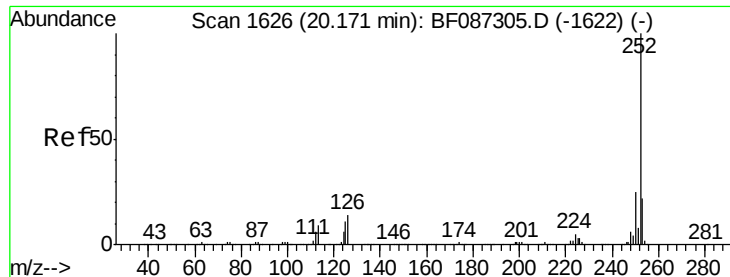
Delta R.T. 0.02 min

Lab File: BF087563.D

Acq: 30 May 2016 22:45

Tgt Ion:	252	Resp:	753225
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.0	9.1	13.7





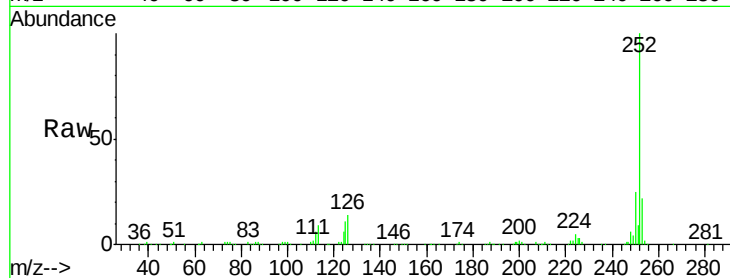
#89
Benzo(a)pyrene
Concen: 39.95 ng
RT: 20.09 min Scan# 1619
Delta R.T. 0.02 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

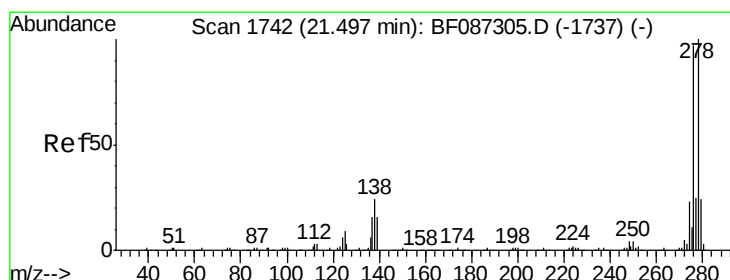
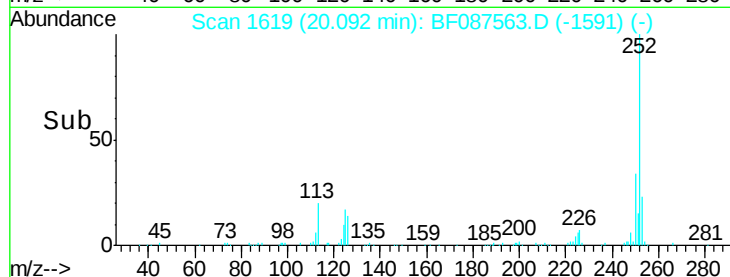
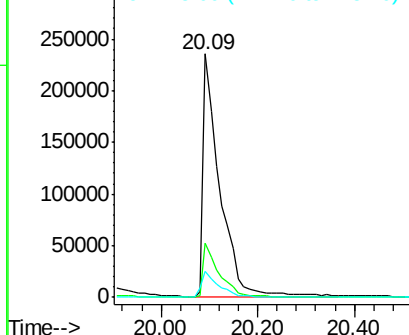
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.6	9.0	13.6

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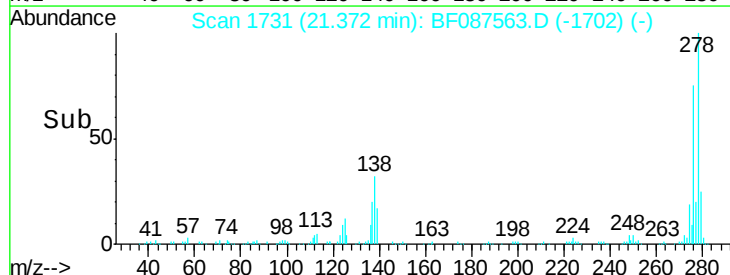
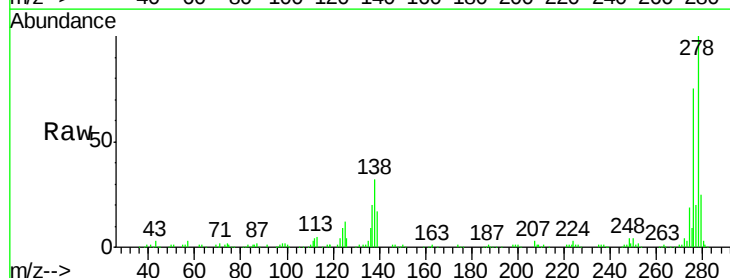
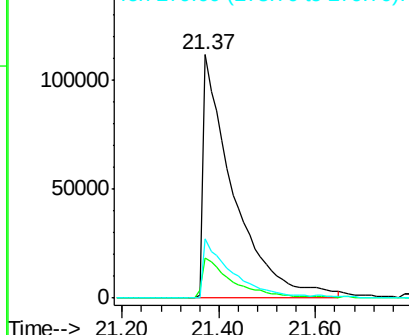
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

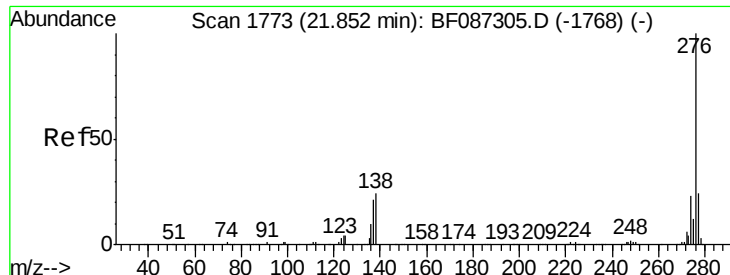


#90
Dibenzo(a,h)anthracene
Concen: 40.33 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.03 min
Lab File: BF087563.D
Acq: 30 May 2016 22:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	16.6	24.8
279	24.6	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 30.87 ng
 RT: 21.79 min Scan# 1768
 Delta R.T. 0.10 min
 Lab File: BF087563.D
 Acq: 30 May 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	21.4	23.6	35.4

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