

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087522.D
 Acq On : 29 May 2016 21:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 5/31/2016 7:40:18 PM

Quant Time: May 31 12:52:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	185010	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	787560	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	367286	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	691022	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	494330	20.00	ng	-0.03
86) Perylene-d12	20.13	264	418092	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	964080	91.56	ng	-0.05
7) Phenol-d6	7.04	99	1222464	85.93	ng	-0.03
23) Nitrobenzene-d5	8.41	82	1287200	82.37	ng	-0.03
41) 2,4,6-Tribromophenol	13.63	330	280097	79.36	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1889471	72.52	ng	-0.05
78) Terphenyl-d14	17.10	244	1925250	82.80	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.76	88	217833	39.21	ng	# 75
3) Pyridine	2.34	79	403900m	33.26	ng	
4) n-Nitrosodimethylamine	2.33	42	408114	43.61	ng	# 45
6) Aniline	6.98	93	812715	44.16	ng	95
8) 2-Chlorophenol	7.16	128	551776	42.02	ng	94
9) Benzaldehyde	6.80	77	322788	41.09	ng	97
10) Phenol	7.06	94	676212	43.53	ng	80
11) bis(2-Chloroethyl)ether	7.12	93	516986	41.11	ng	# 82
12) 1,3-Dichlorobenzene	7.37	146	588855	41.12	ng	# 93
13) 1,4-Dichlorobenzene	7.50	146	609714	41.47	ng	# 93
14) 1,2-Dichlorobenzene	7.74	146	575110	42.29	ng	99
15) Benzyl Alcohol	7.78	79	482104	46.48	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.96	45	1119326	39.56	ng	87
17) 2-Methylphenol	8.00	107	442151	42.02	ng	# 88
18) Hexachloroethane	8.24	117	235795	42.99	ng	99
19) n-Nitroso-di-n-propylamine	8.22	70	451160	42.52	ng	# 73
20) 3+4-Methylphenols	8.26	107	563828	44.32	ng	# 60
22) Acetophenone	8.18	105	773603	41.12	ng	# 98
24) Nitrobenzene	8.43	77	664682	40.30	ng	95
25) Isophorone	8.83	82	1149878	41.03	ng	# 98
26) 2-Nitrophenol	8.94	139	275818	40.91	ng	# 70
27) 2,4-Dimethylphenol	9.08	122	490159	41.88	ng	87
28) bis(2-Chloroethoxy)methane	9.20	93	622323	39.42	ng	98
29) 2,4-Dichlorophenol	9.35	162	435193	41.26	ng	94
30) 1,2,4-Trichlorobenzene	9.44	180	478526	39.63	ng	98
31) Naphthalene	9.54	128	1540278	39.03	ng	99
32) Benzoic acid	9.47	122	205763	35.82	ng	# 72
33) 4-Chloroaniline	9.69	127	607052	41.76	ng	# 91
34) Hexachlorobutadiene	9.75	225	287636	39.19	ng	98
35) Caprolactam	10.38	113	132670	43.09	ng	# 61
36) 4-Chloro-3-methylphenol	10.57	107	523465	43.89	ng	92
37) 2-Methylnaphthalene	10.66	142	970590	39.37	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	457665	38.93	ng	98
40) Hexachlorocyclopentadiene	10.90	237	100794	27.83	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.18	196	264968	39.05	nq	94
43) 2,4,5-Trichlorophenol	11.27	196	258435	37.40	nq	# 89
45) 1,1'-Biphenyl	11.44	154	1192567	38.57	nq	96
46) 2-Chloronaphthalene	11.45	162	940591	39.76	nq	# 91
47) 2-Nitroaniline	11.68	65	375548	44.06	nq	# 71
48) Acenaphthylene	12.11	152	1428114	38.13	nq	99
49) Dimethylphthalate	12.00	163	1159990	39.43	nq	100
50) 2,6-Dinitrotoluene	12.10	165	245363	41.39	nq	# 72
51) Acenaphthene	12.39	154	888258	38.58	nq	98
52) 3-Nitroaniline	12.38	138	265266	43.60	nq	99
53) 2,4-Dinitrophenol	12.61	184	57098	23.82	nq	# 76
54) Dibenzofuran	12.69	168	1215537	39.00	nq	98
55) 4-Nitrophenol	12.79	139	98976m	34.10	nq	
56) 2,4-Dinitrotoluene	12.77	165	349741	44.14	nq	95
57) Fluorene	13.23	166	1034453	38.27	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.93	232	205576	38.67	nq	98
59) Diethylphthalate	13.14	149	1118122	39.09	nq	99
60) 4-Chlorophenyl-phenylether	13.26	204	499076	37.87	nq	95
61) 4-Nitroaniline	13.38	138	229422	40.40	nq	# 58
62) Azobenzene	13.52	77	1277374	43.04	nq	86
64) 4,6-Dinitro-2-methylphenol	13.43	198	149886	34.11	nq	# 43
65) n-Nitrosodiphenylamine	13.47	169	874056	39.11	nq	99
66) 4-Bromophenyl-phenylether	14.05	248	300575	39.76	nq	# 89
67) Hexachlorobenzene	14.11	284	308235	38.98	nq	# 70
68) Atrazine	14.40	200	225025	31.59	nq	94
69) Pentachlorophenol	14.49	266	83149	37.40	nq	98
70) Phenanthrene	14.78	178	1486314	38.83	nq	100
71) Anthracene	14.87	178	1576615	40.77	nq	99
72) Carbazole	15.17	167	1350883	40.96	nq	99
73) Di-n-butylphthalate	15.73	149	1654542	38.79	nq	# 98
74) Fluoranthene	16.55	202	1589626	41.42	nq	92
76) Benzidine	16.78	184	613920	48.27	nq	97
77) Pyrene	16.85	202	1454869	40.89	nq	99
79) Butylbenzylphthalate	17.76	149	705568	44.71	nq	# 85
80) Benzo(a)anthracene	18.43	228	1083824	38.55	nq	98
81) 3,3'-Dichlorobenzidine	18.42	252	665350	42.83	nq	# 96
82) Chrysene	18.48	228	1073967	38.48	nq	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	885236	38.45	nq	# 95
84) Di-n-octyl phthalate	19.27	149	1368099	38.96	nq	# 83
85) Indeno(1,2,3-cd)pyrene	21.35	276	1022733	45.72	nq	# 93
87) Benzo(b)fluoranthene	19.71	252	881515m	33.10	nq	
88) Benzo(k)fluoranthene	19.74	252	1018996m	44.45	nq	
89) Benzo(a)pyrene	20.07	252	893504	38.79	nq	97
90) Dibenzo(a,h)anthracene	21.34	278	868939	44.23	nq	97
91) Benzo(g,h,i)perylene	21.69	276	804739	41.52	nq	# 93

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

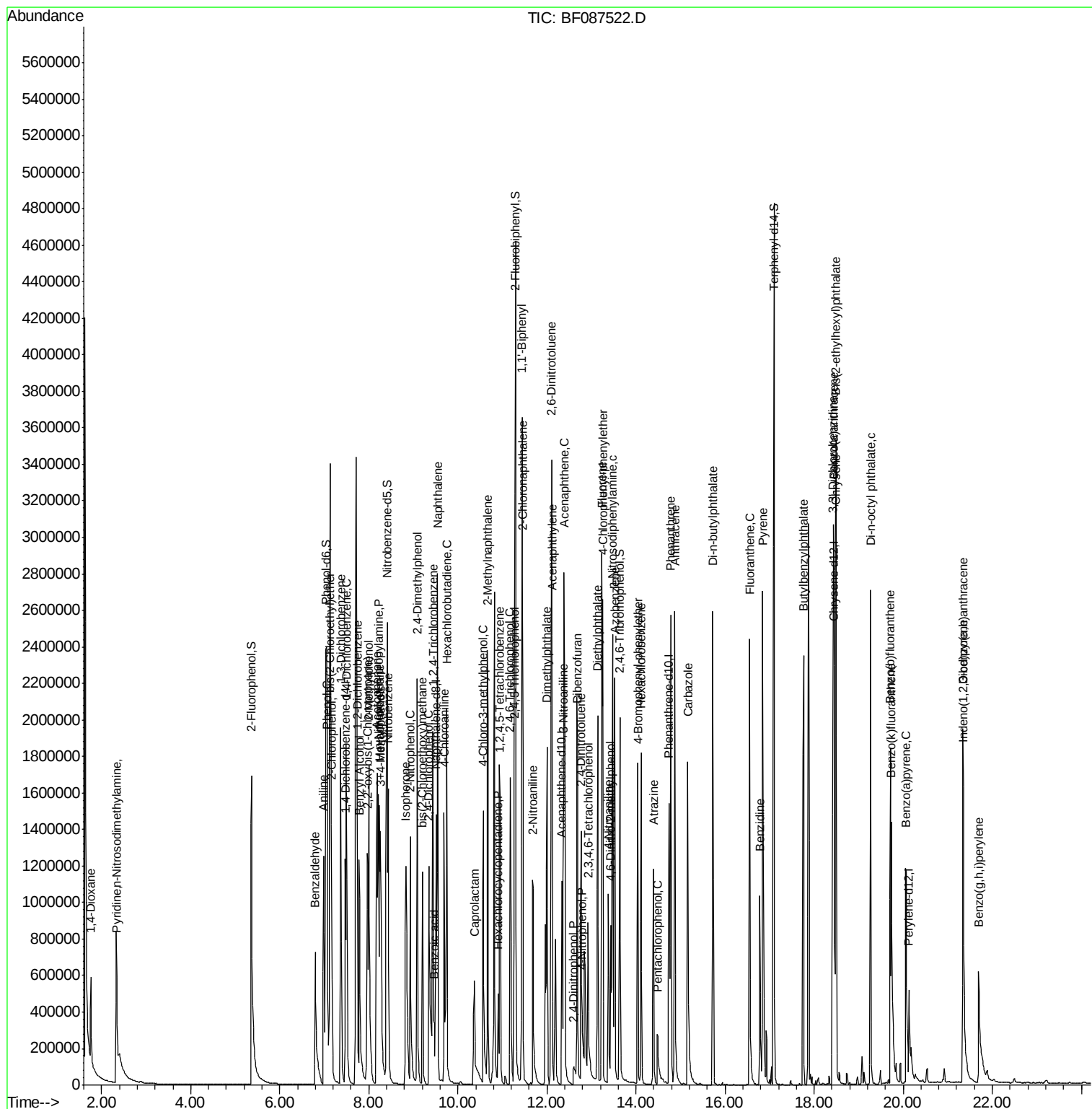
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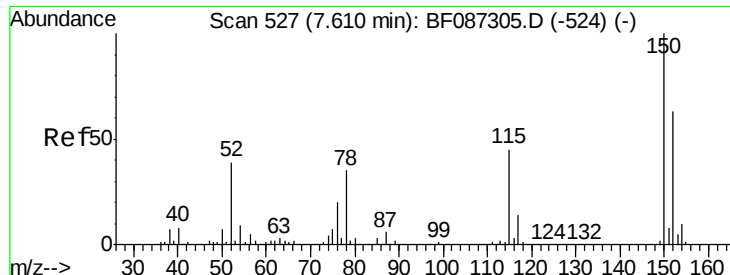
Instrument :
BNA_F
Client Sampled :
SSTDCCC040

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#1

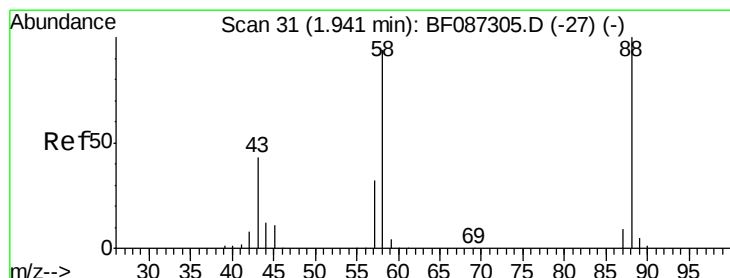
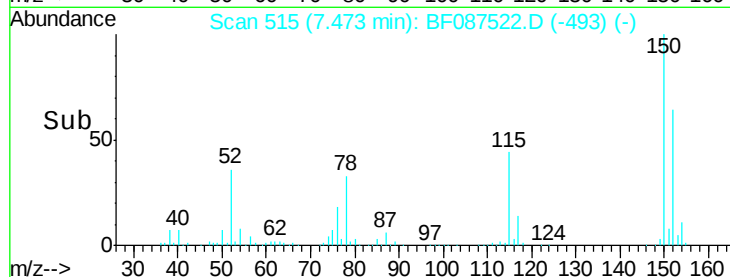
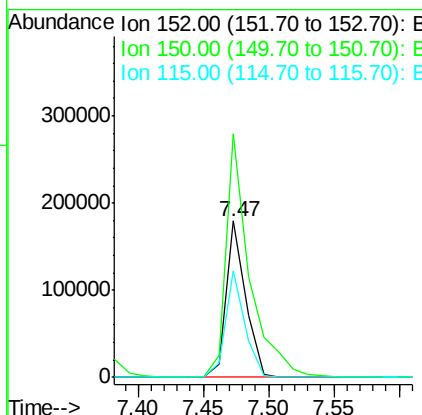
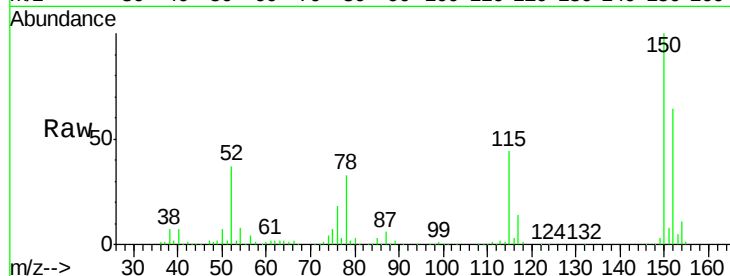
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.8	188.6
115	67.9	51.5	77.3

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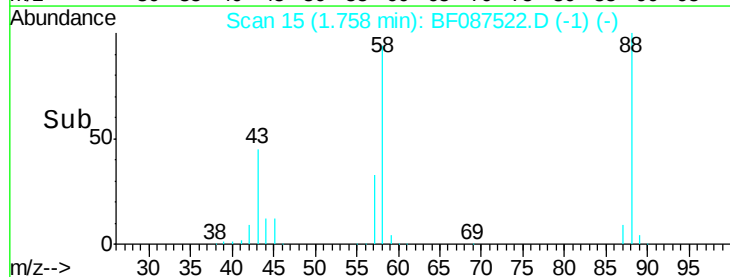
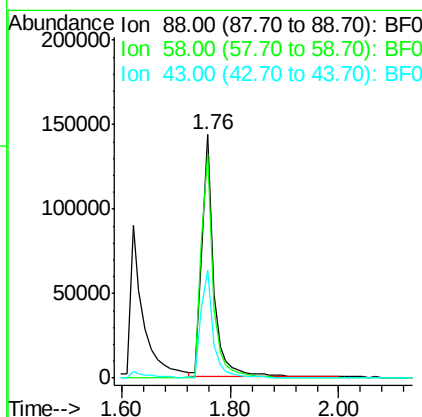
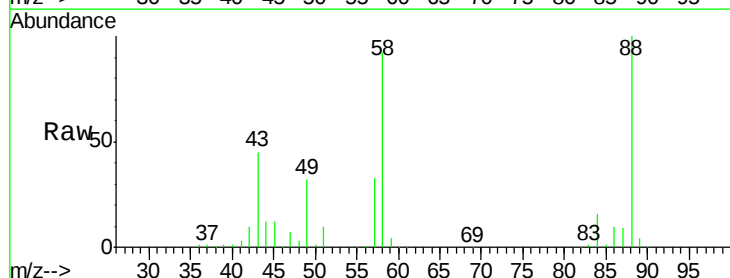
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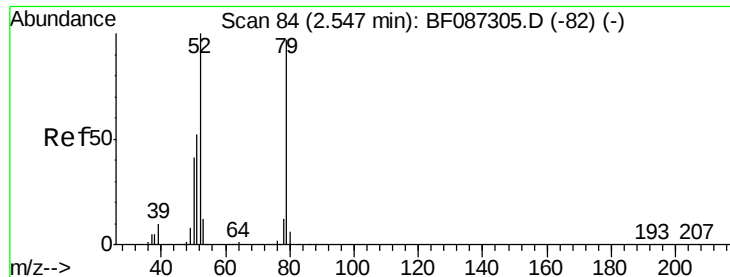


#2

1,4-Dioxane
Concen: 39.21 ng
RT: 1.76 min Scan# 15
Delta R.T. -0.06 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.5	59.6	89.4#
43	44.7	21.8	32.6#





#3

Pvridine

Concen: 33.26 ng/ml

RT: 2.34 min Scan# 66

Delta R.T. -0.07 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

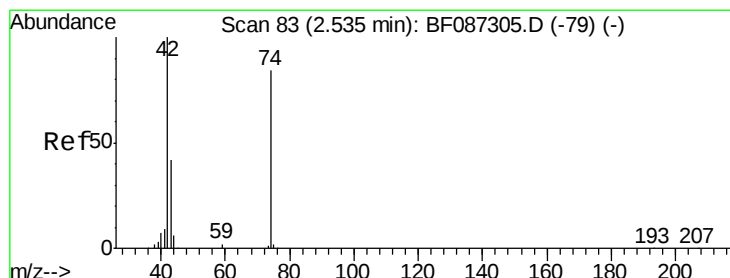
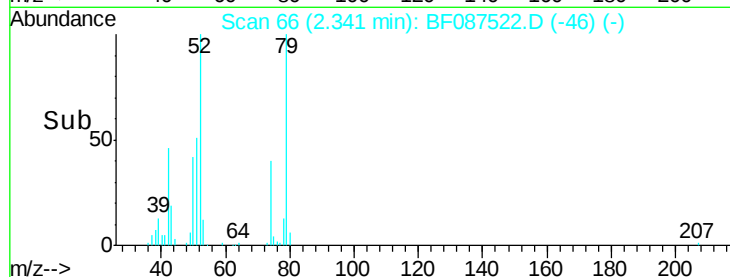
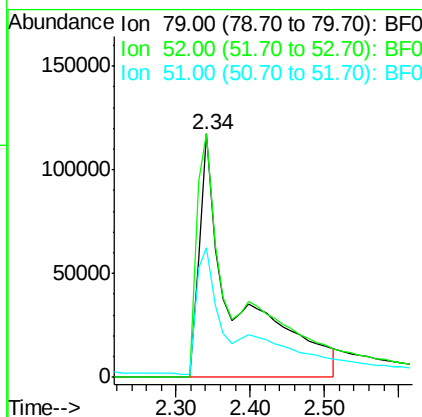
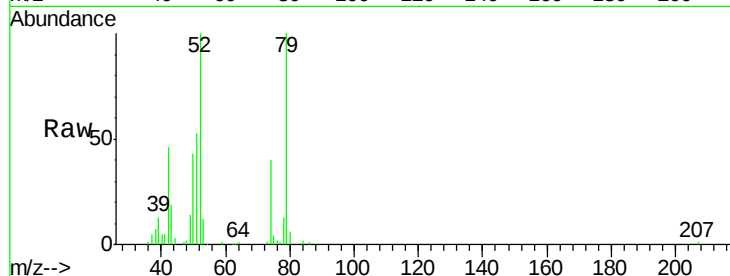
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	403900
Ion Ratio	Lower	Upper	
79	100		
52	99.8	55.9	83.9#
51	53.5	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 43.61 ng/ml

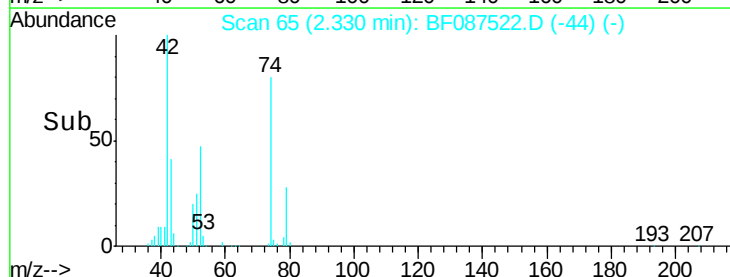
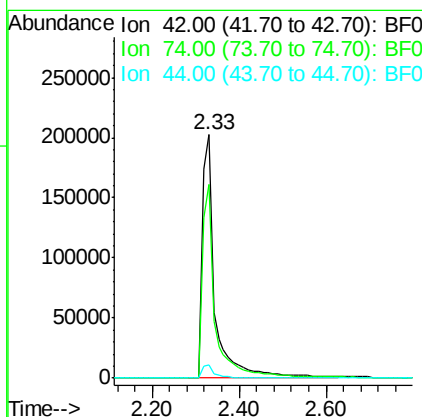
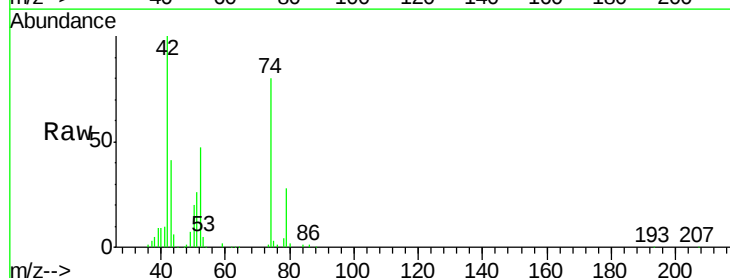
RT: 2.33 min Scan# 65

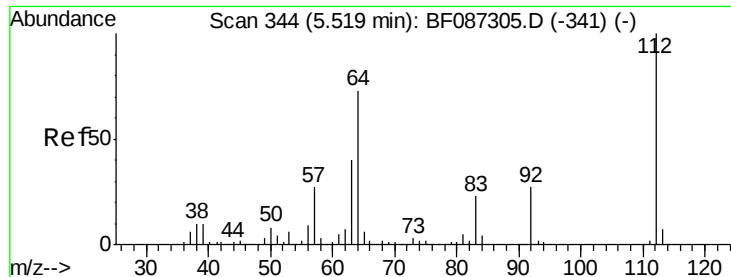
Delta R.T. -0.06 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Tgt Ion:	42	Resp:	408114
Ion Ratio	Lower	Upper	
42	100		
74	79.8	123.4	185.0#
44	5.6	5.8	8.6#





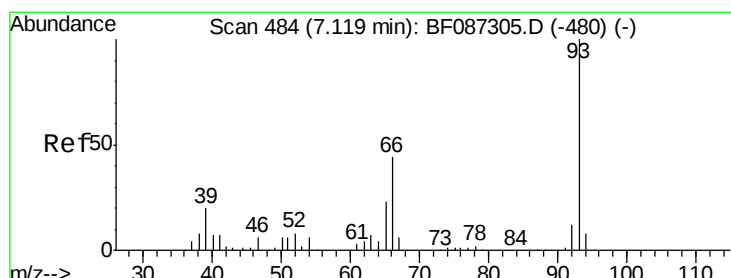
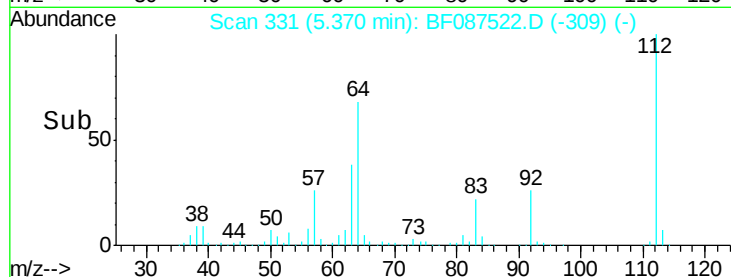
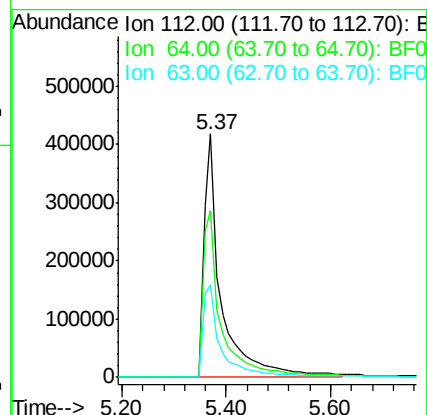
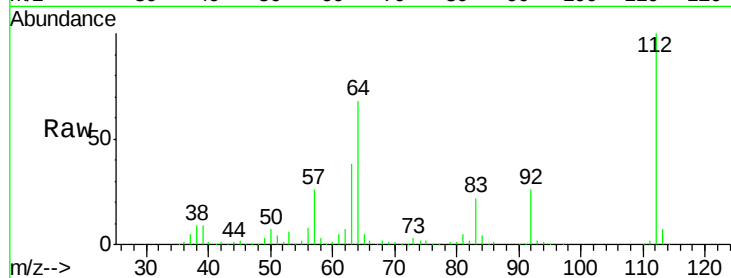
#5
2-Fluorophenol
Concen: 91.56 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	68.4	52.1	78.1
63	38.1	25.7	38.5

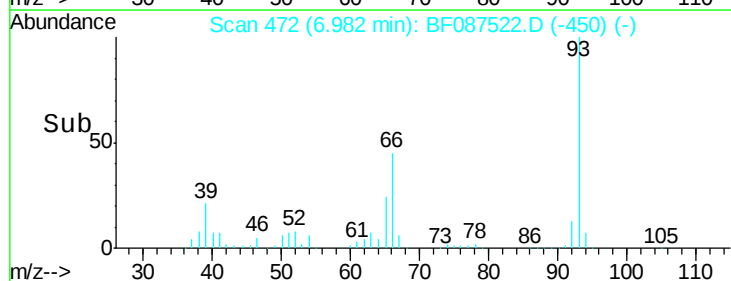
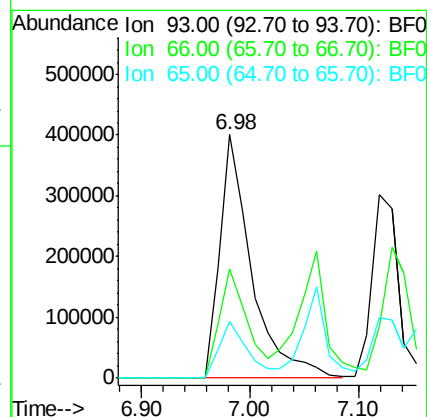
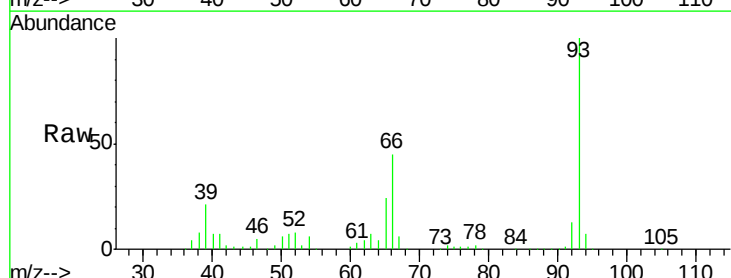
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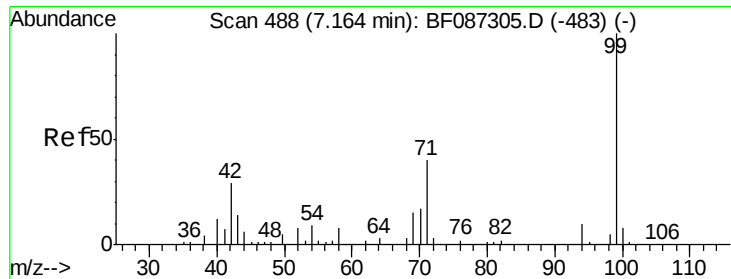
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#6
Aniline
Concen: 44.16 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	44.7	39.0	58.6
65	23.5	20.6	31.0





#7

Phenol-d6

Concen: 85.93 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1222464

Ion Ratio Lower Upper

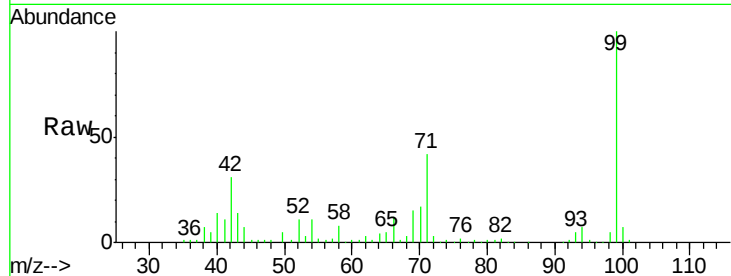
99 100

42 30.7 13.6 20.4#

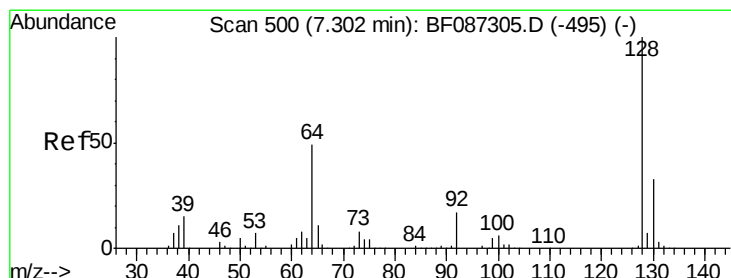
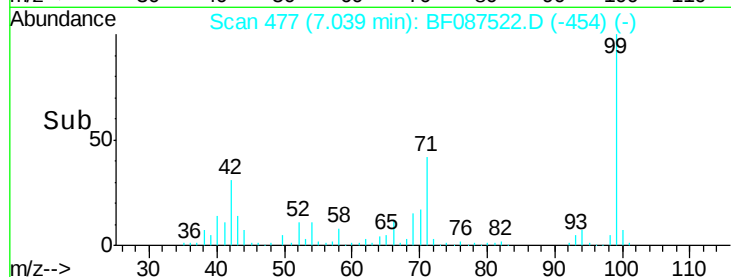
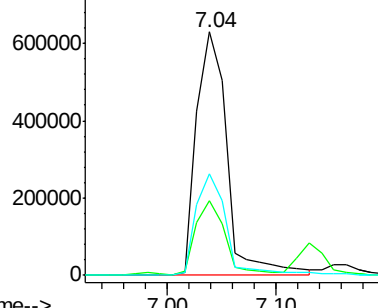
71 41.7 24.6 36.8#

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.02 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

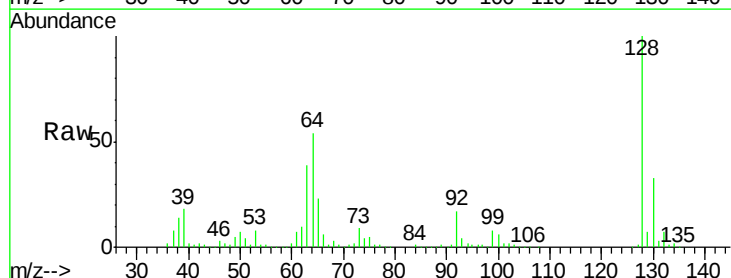
Tgt Ion: 128 Resp: 551776

Ion Ratio Lower Upper

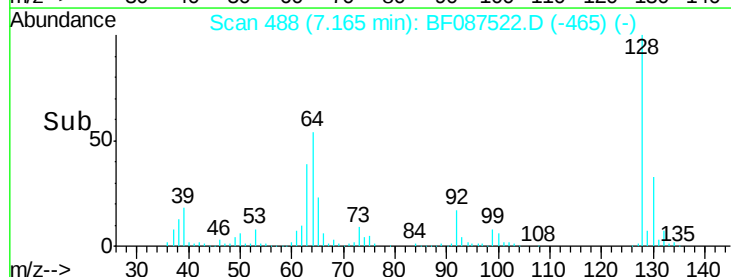
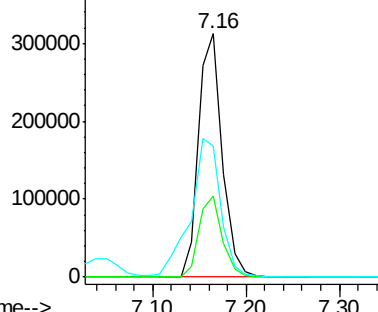
128 100

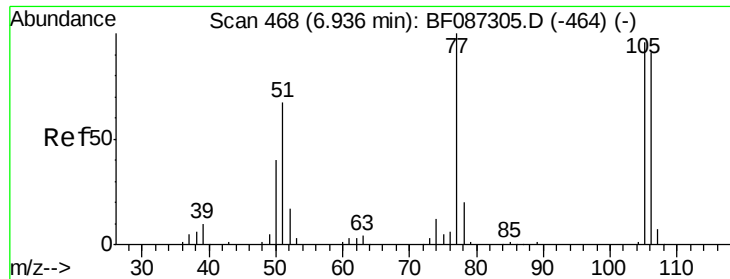
130 33.2 12.5 52.5

64 53.7 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.09 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 322788

Ion Ratio Lower Upper

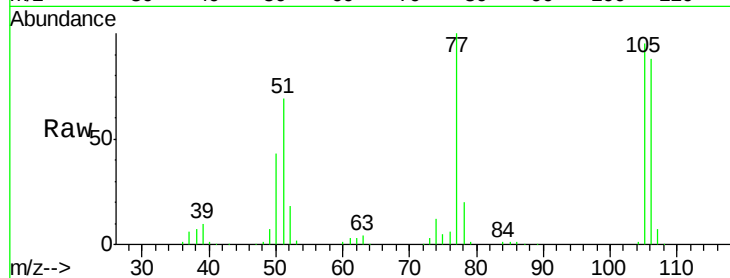
77 100

105 94.5 72.7 112.7

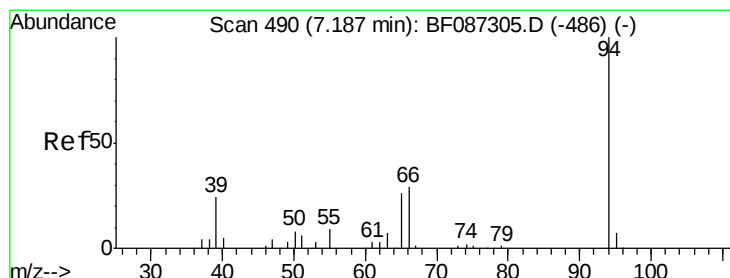
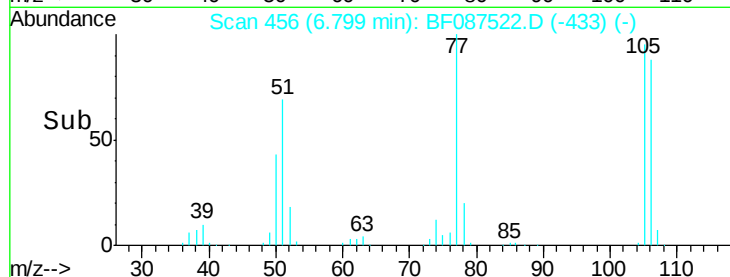
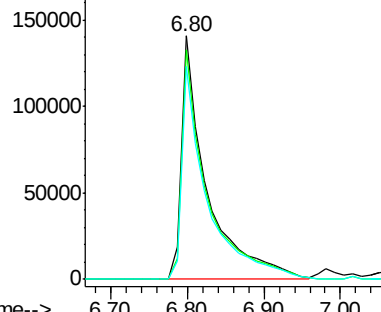
106 87.6 70.8 110.8

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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: 43.53 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

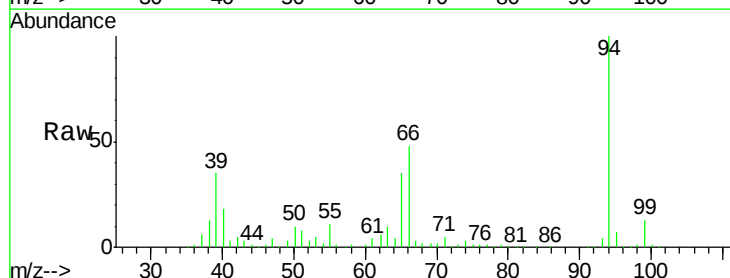
Tgt Ion: 94 Resp: 676212

Ion Ratio Lower Upper

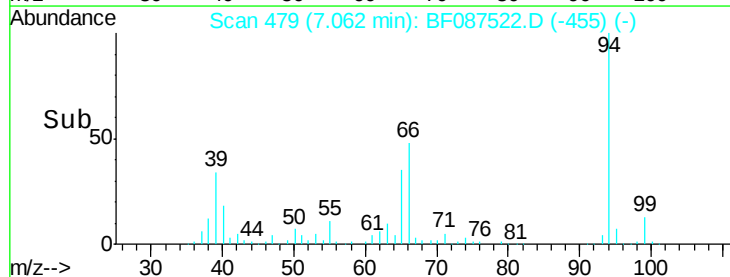
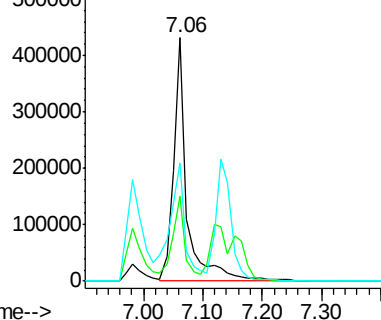
94 100

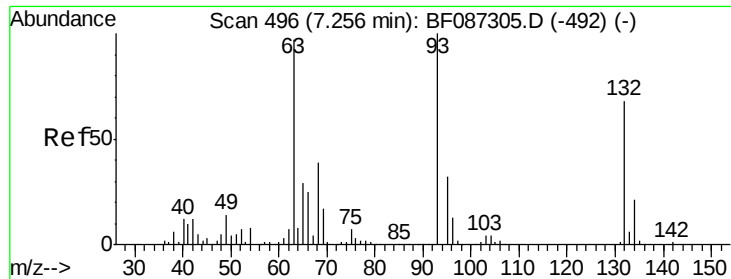
65 35.0 7.2 47.2

66 48.4 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





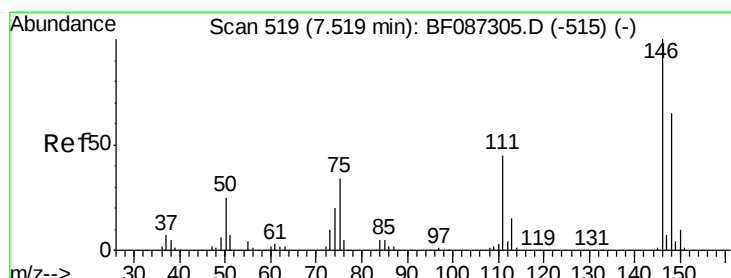
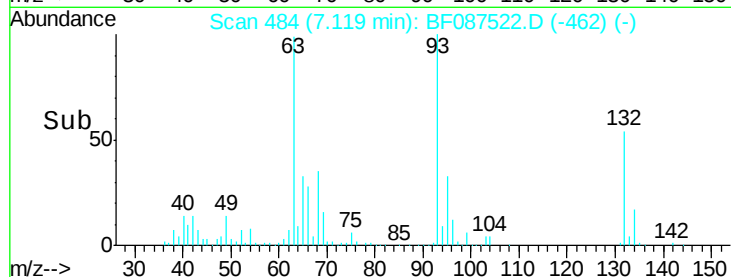
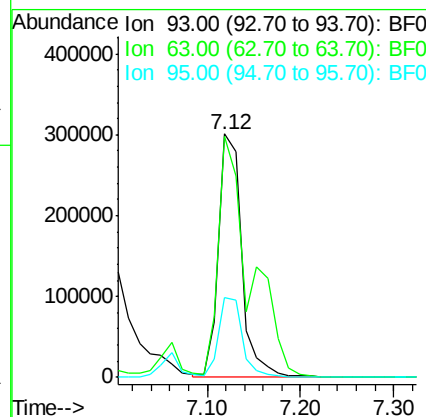
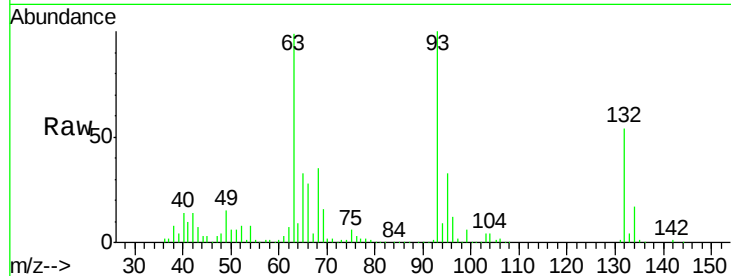
#11
 bis(2-Chloroethyl)ether
 Concen: 41.11 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	99.0	58.0	98.0#	
95	33.0	11.9	51.9	

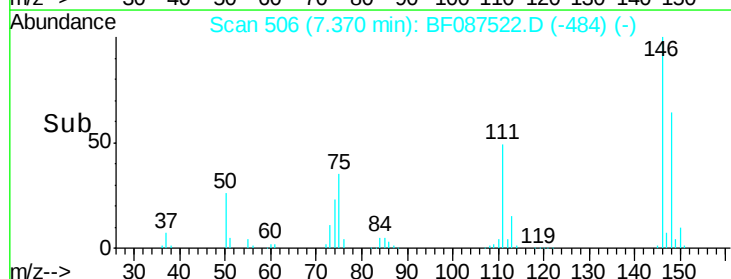
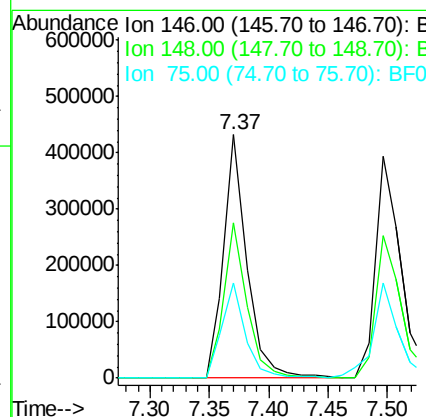
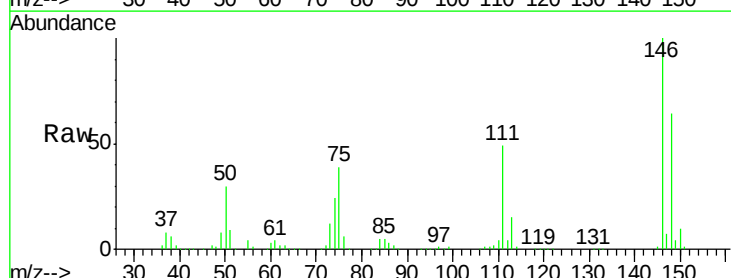
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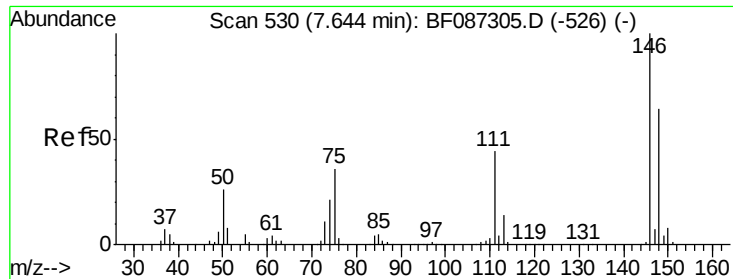
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#12
 1,3-Dichlorobenzene
 Concen: 41.12 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.0	52.4	78.6	
75	39.2	22.8	34.2#	





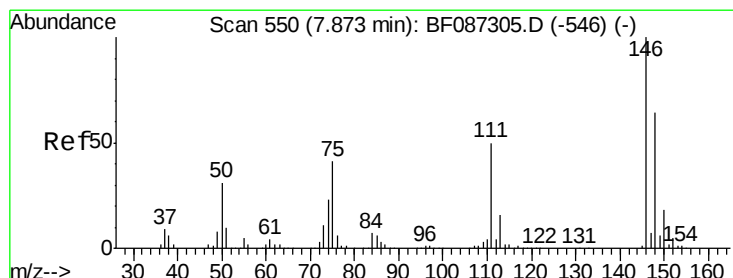
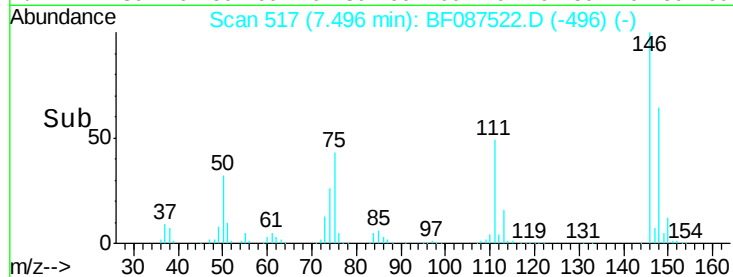
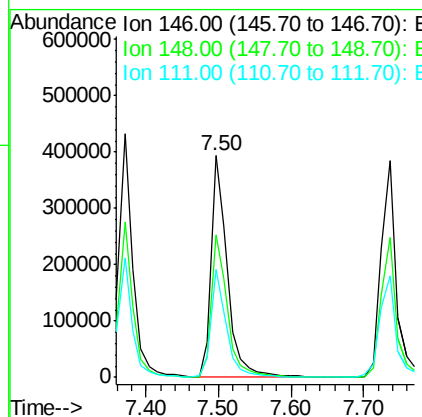
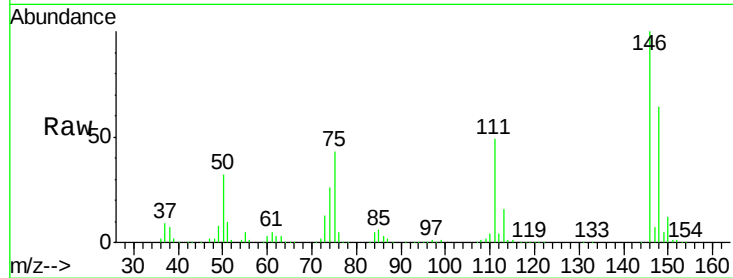
#13
 1,4-Dichlorobenzene
 Concen: 41.47 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.06 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.4
111	48.7	30.7	46.1

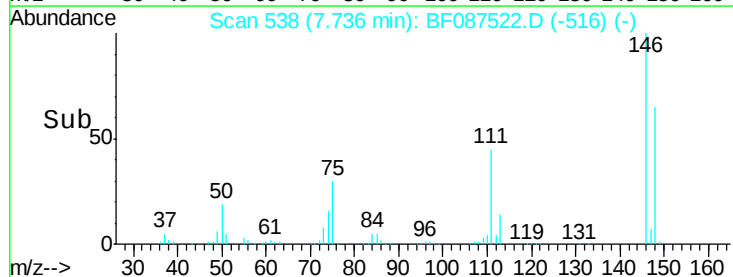
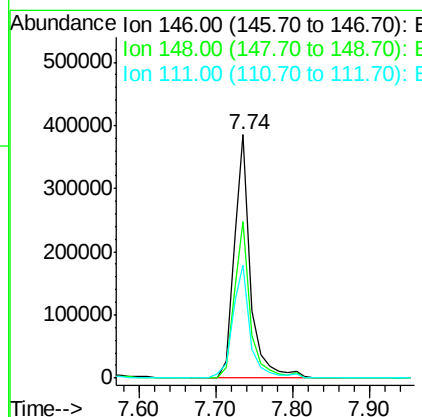
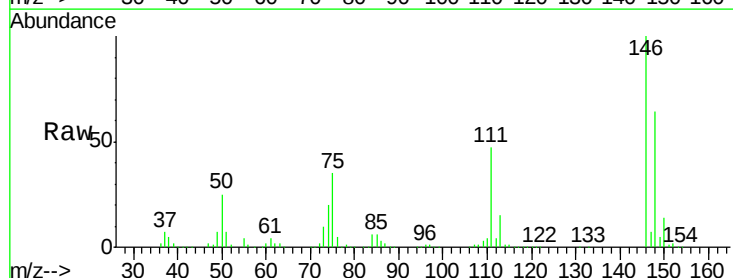
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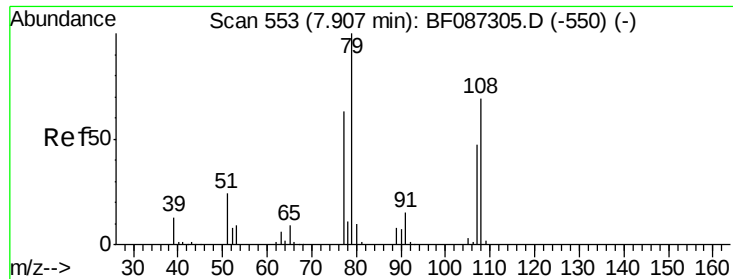
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#14
 1,2-Dichlorobenzene
 Concen: 42.29 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	46.5	36.2	54.4





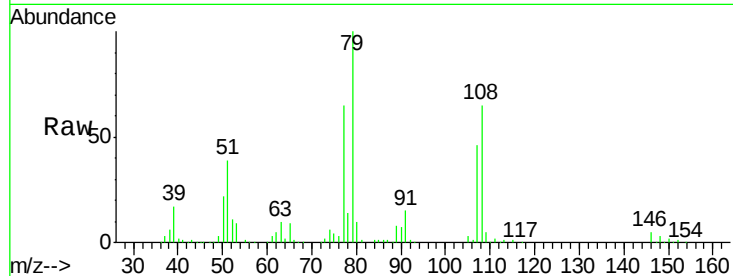
#15
Benzyl Alcohol
Concen: 46.48 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

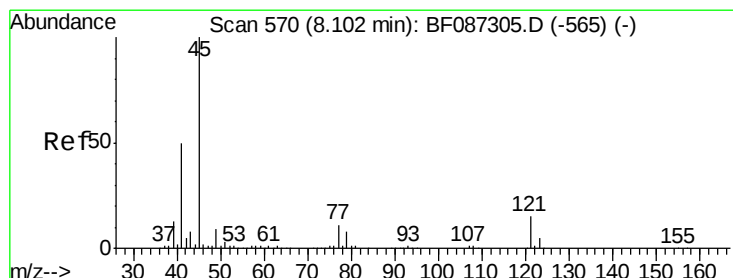
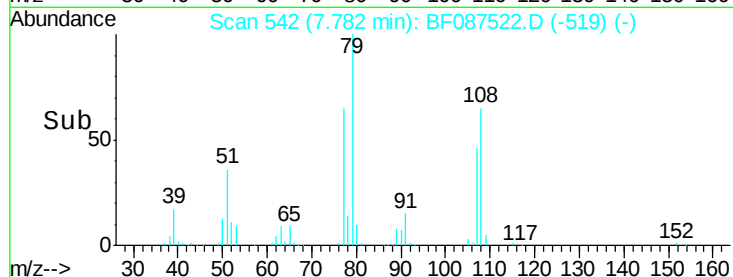
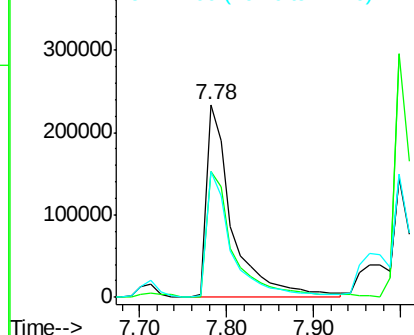
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.5	68.4	102.6#
77	65.5	50.6	76.0

Manual Integrations
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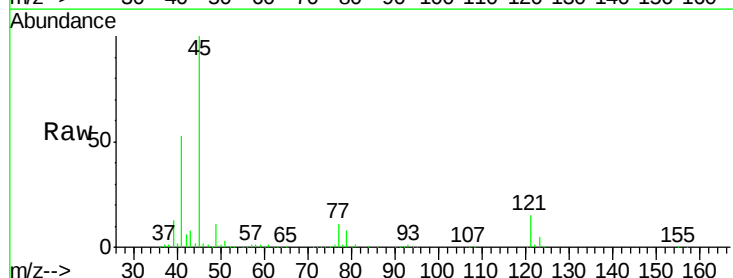


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

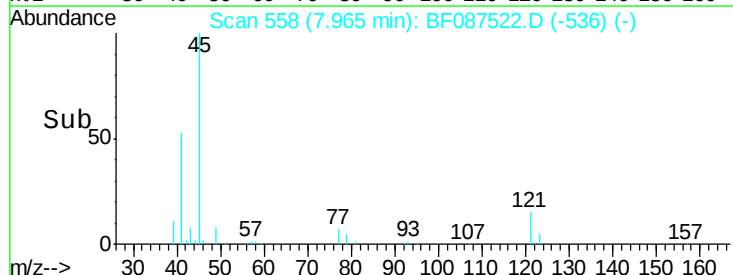
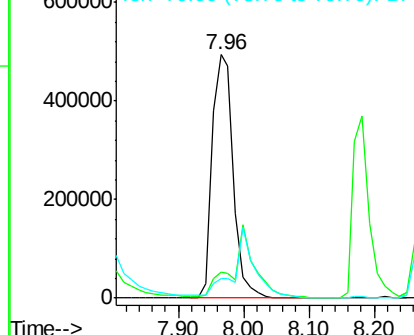


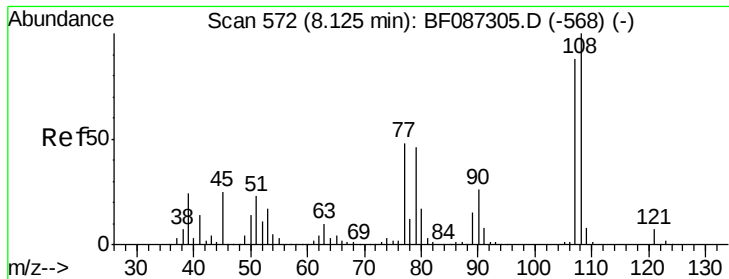
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.56 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	36.4
79	8.1	0.0	33.4



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





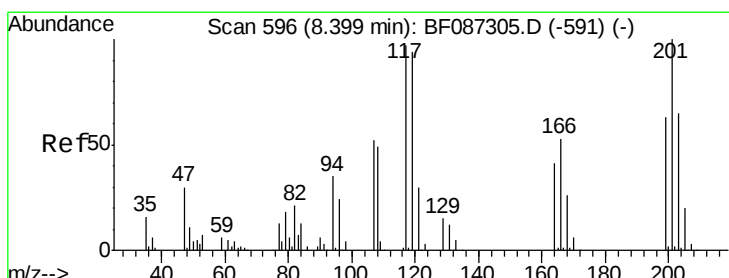
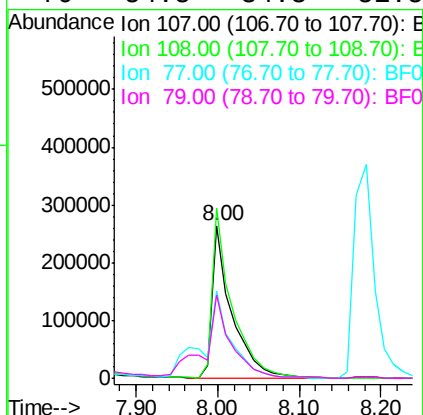
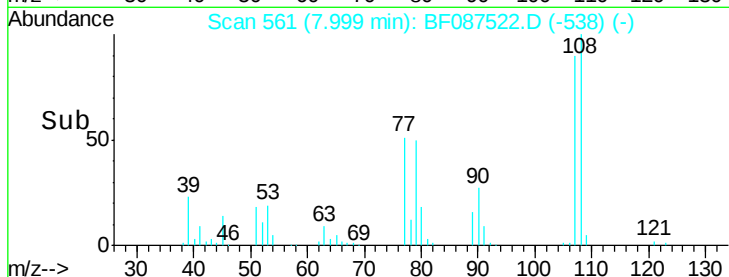
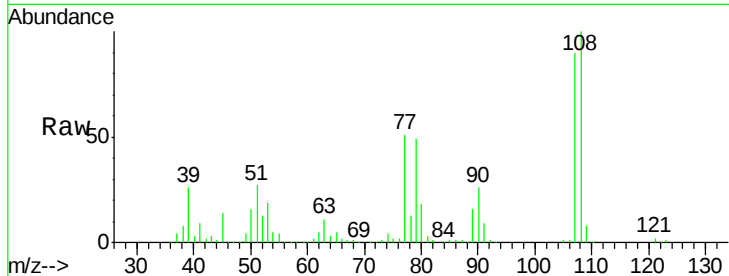
#17
2-Methylphenol
Concen: 42.02 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	93.7	140.5	
77	56.7	33.4	50.0	
79	54.8	34.3	51.5	

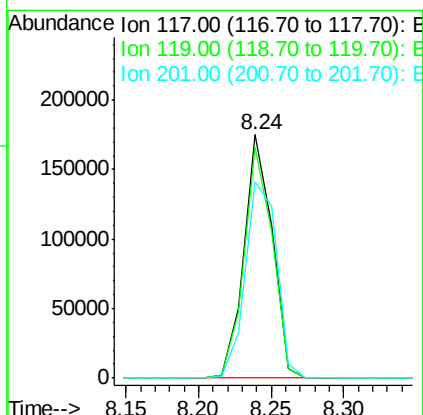
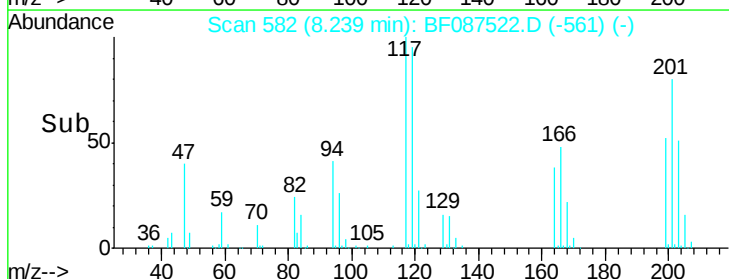
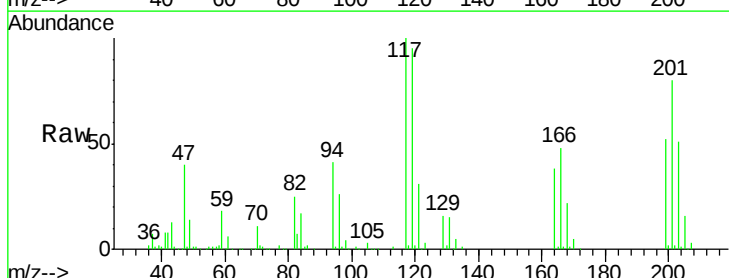
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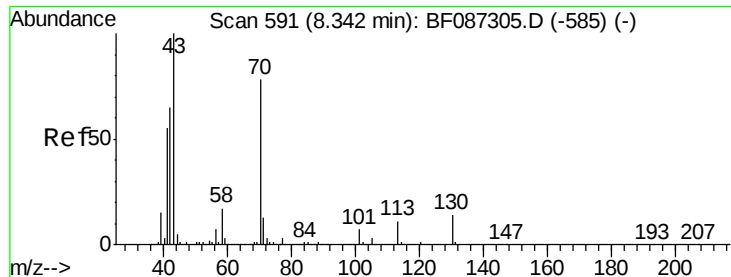
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#18
Hexachloroethane
Concen: 42.99 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	76.5	114.7	
201	80.5	63.0	94.6	





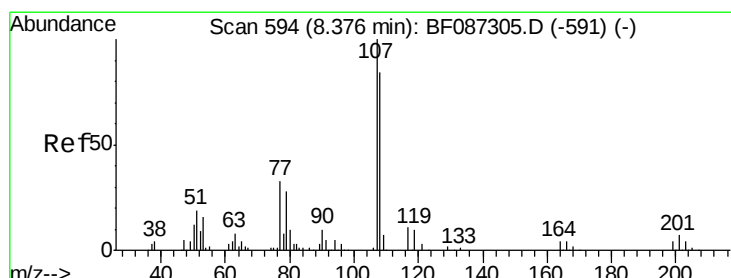
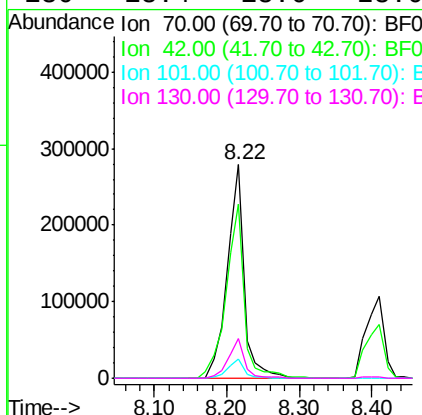
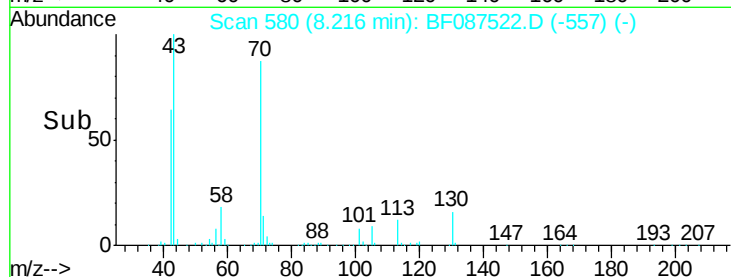
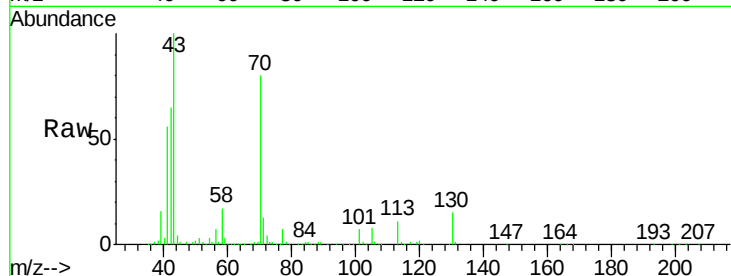
#19
n-Nitroso-di-n-propylamine
Concen: 42.52 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		451160		
42	81.6	43.1	64.7#		
101	8.9	8.1	12.1		
130	18.4	18.6	28.0#		

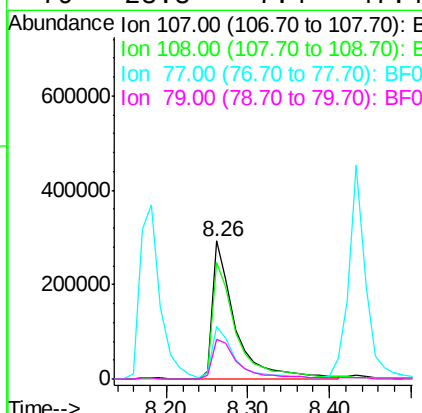
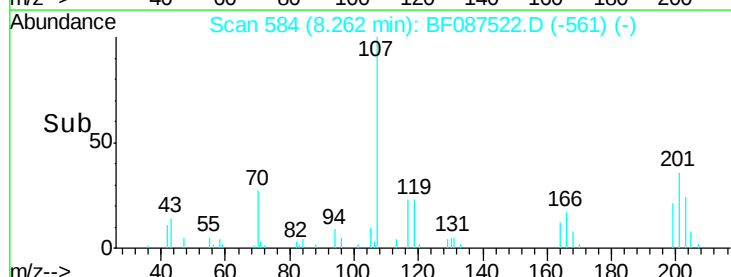
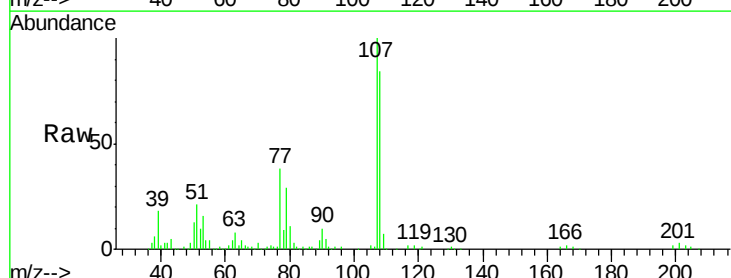
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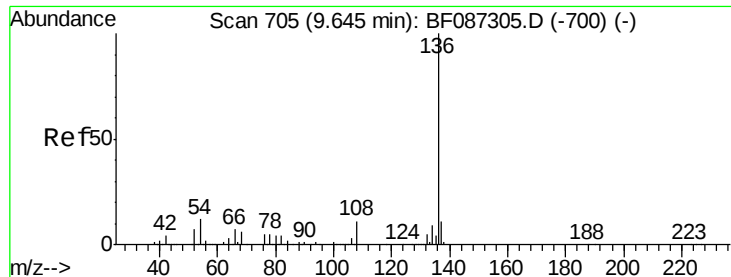
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#20
3+4-Methylphenols
Concen: 44.32 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		563828		
108	84.4	68.5	108.5		
77	37.7	101.6	141.6#		
79	28.8	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

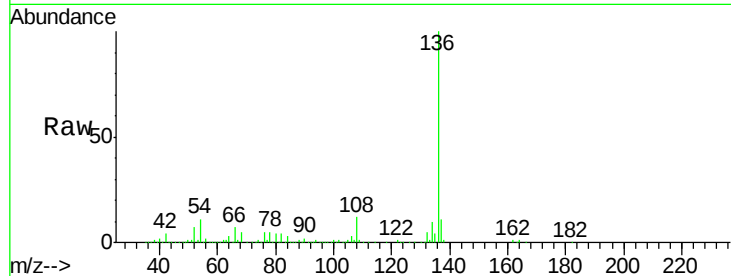
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.4	5.0	7.4#
68	5.3	4.4	6.6

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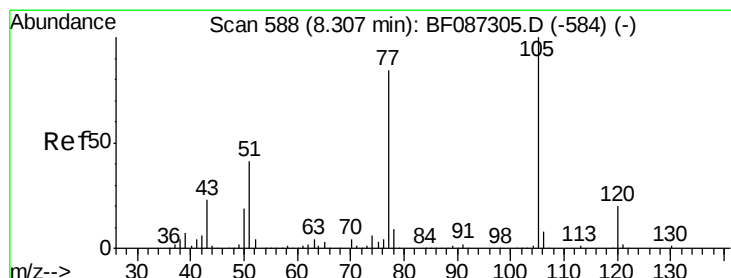
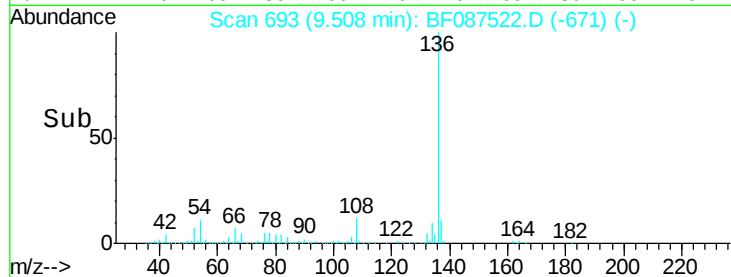
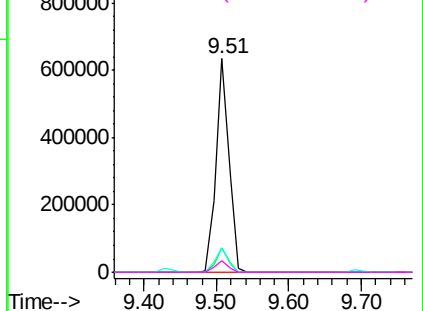


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.12 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.03 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

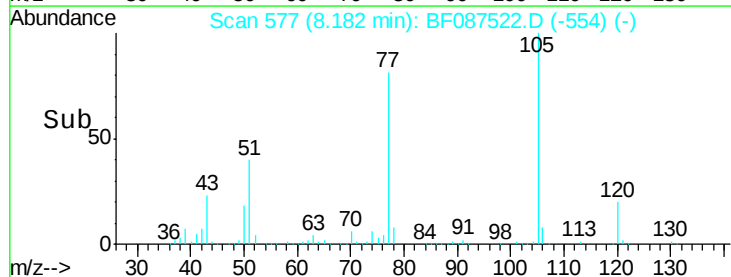
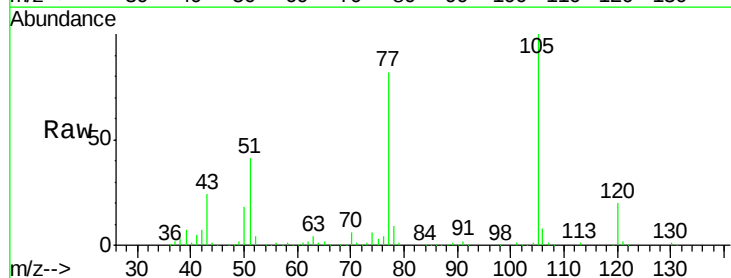
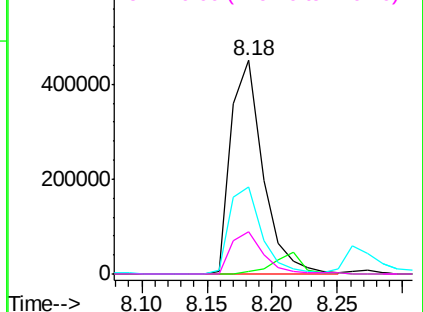
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.0	4.8	7.2#
51	40.9	32.6	49.0
120	19.9	16.5	24.7

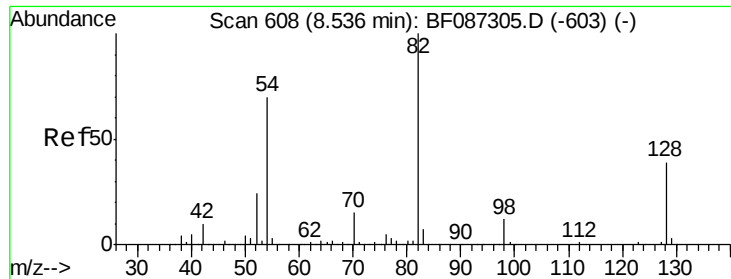
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





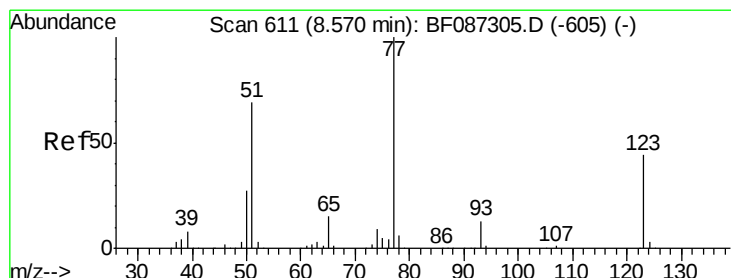
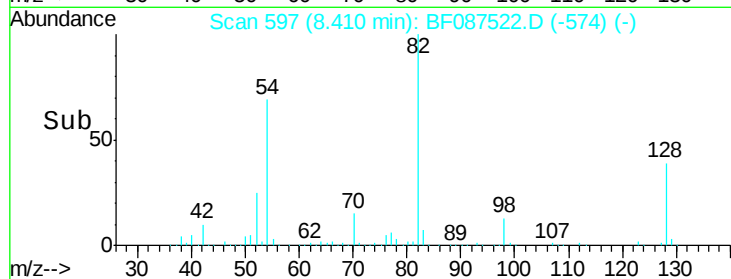
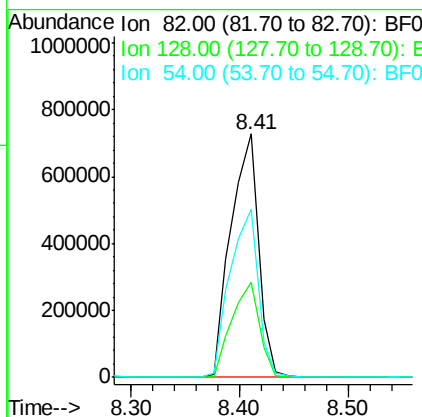
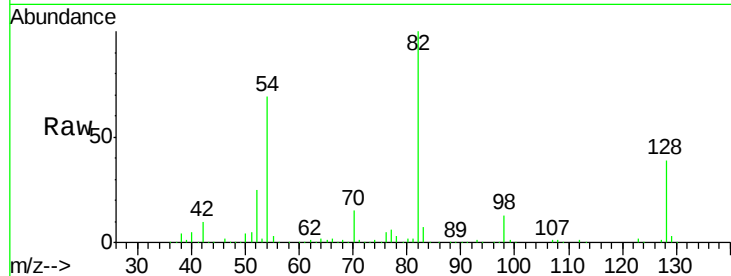
#23
 Nitrobenzene-d5
 Concen: 82.37 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	128	7200
Ion Ratio	100	Lower	Upper	
82	100			
128	38.9	40.6	61.0	#
54	69.2	38.1	57.1	#

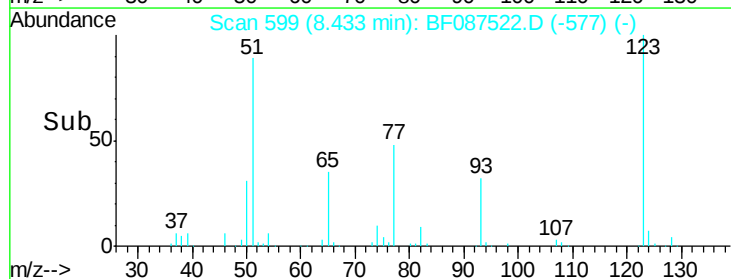
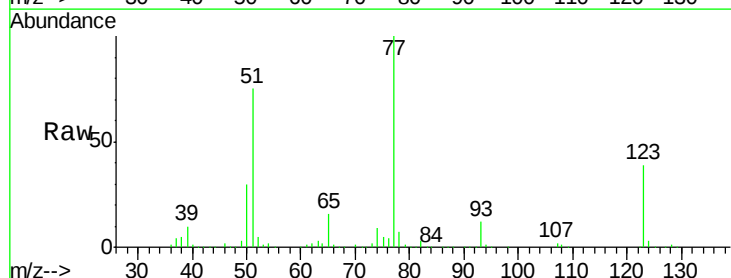
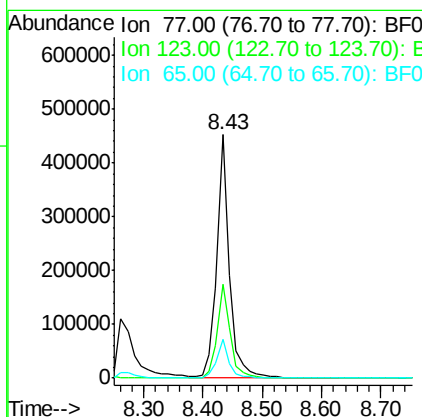
Manual Integrations
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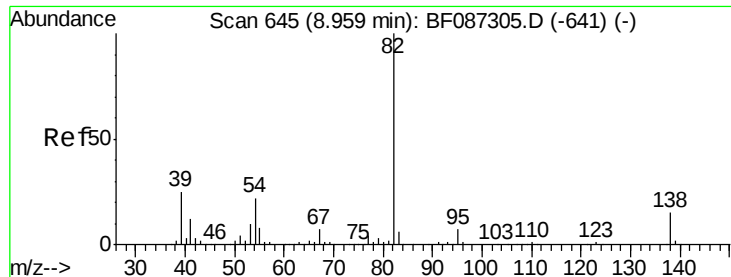
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#24
 Nitrobenzene
 Concen: 40.30 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	77	Resp	664	682
Ion Ratio	100	Lower	Upper	
77	100			
123	38.6	33.0	49.4	
65	15.9	10.8	16.2	





#25

Isophorone

Concen: 41.03 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1149878

Ion Ratio Lower Upper

82 100

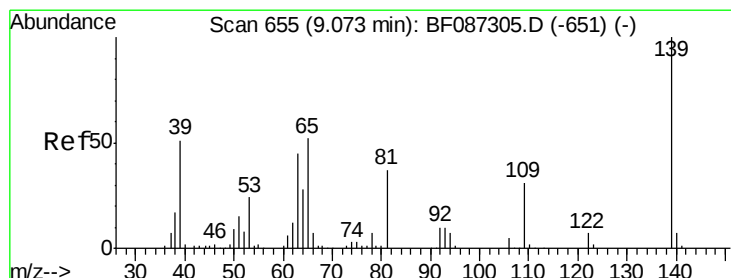
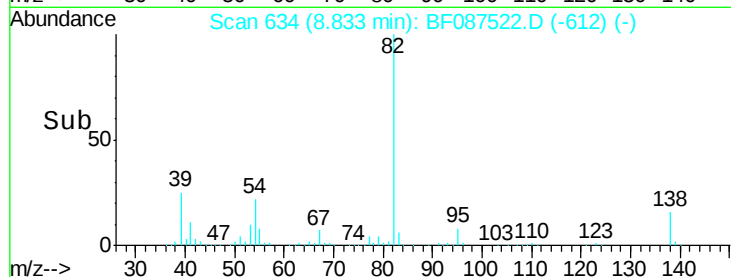
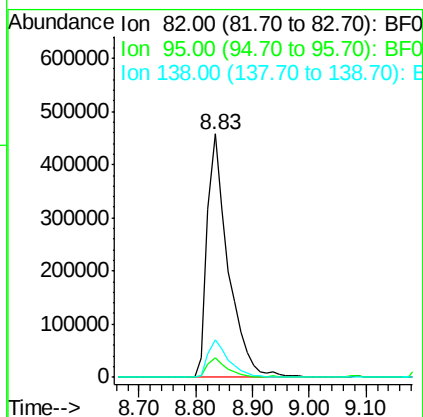
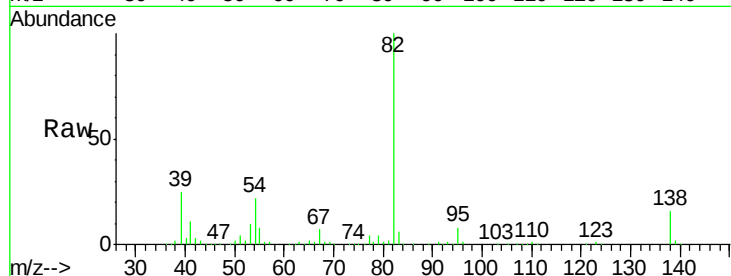
95 7.9 5.1 7.7#

138 15.6 12.4 18.6

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#26

2-Nitrophenol

Concen: 40.91 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

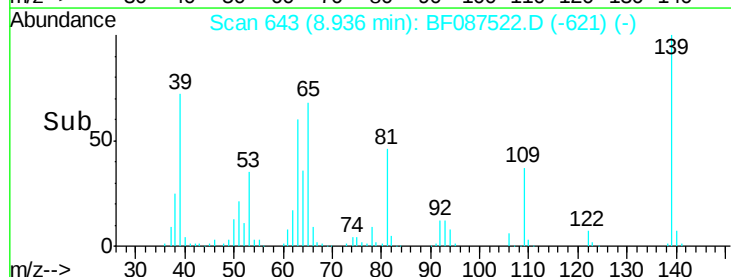
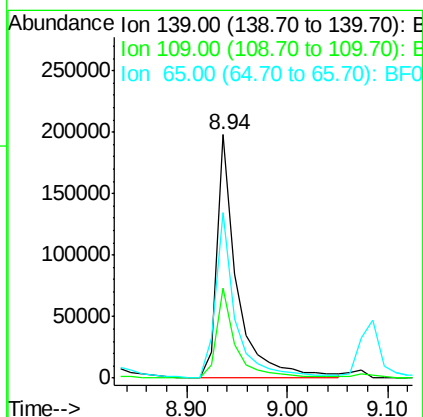
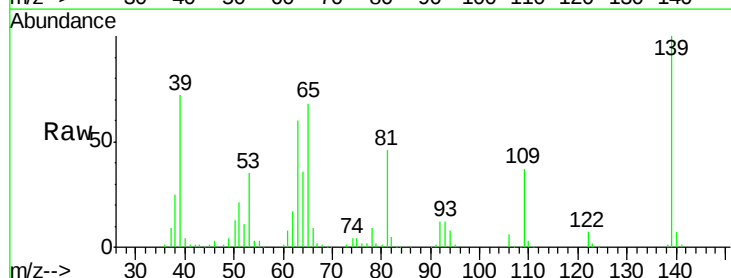
Tgt Ion: 139 Resp: 275818

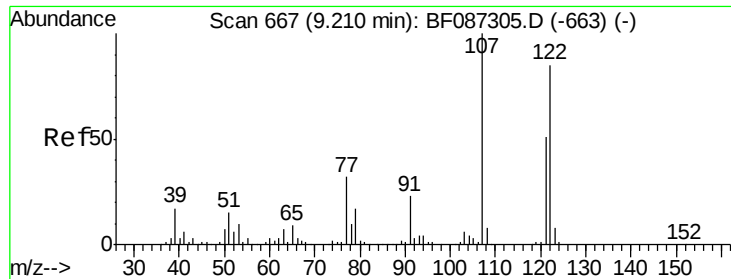
Ion Ratio Lower Upper

139 100

109 37.2 19.5 29.3#

65 68.1 37.5 56.3#





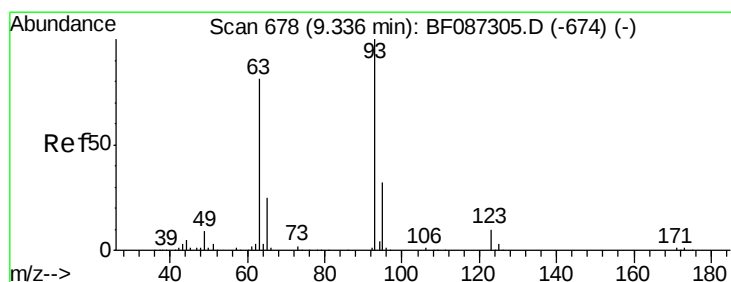
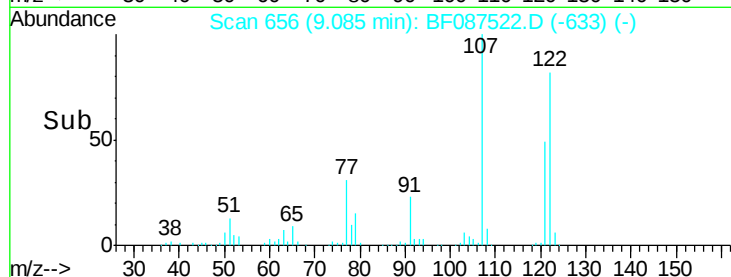
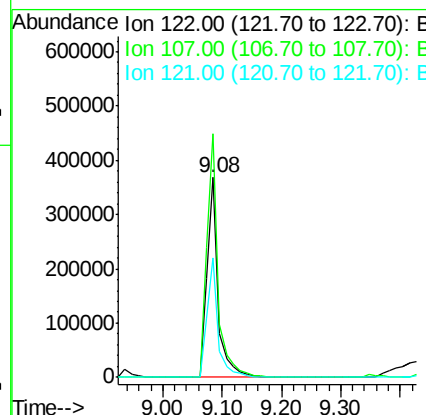
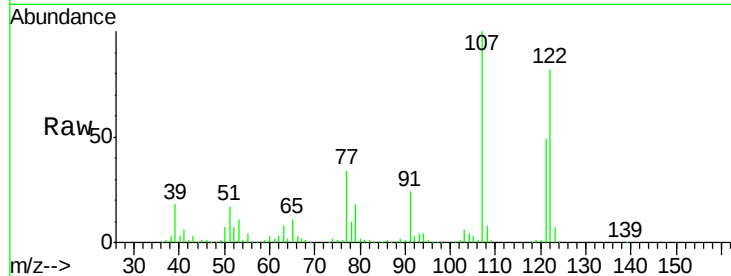
#27
 2,4-Dimethylphenol
 Concen: 41.88 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	490159		
107	121.9	82.0	123.0	
121	60.0	46.1	69.1	

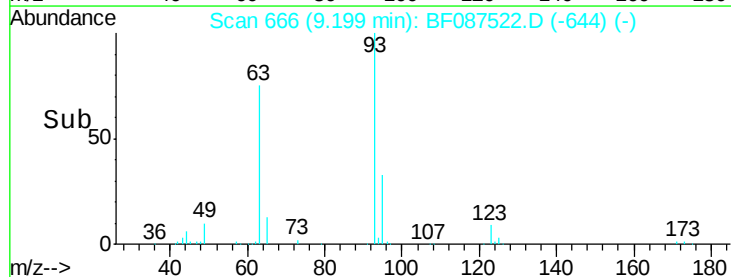
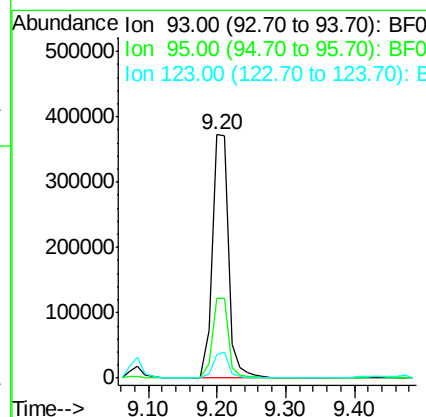
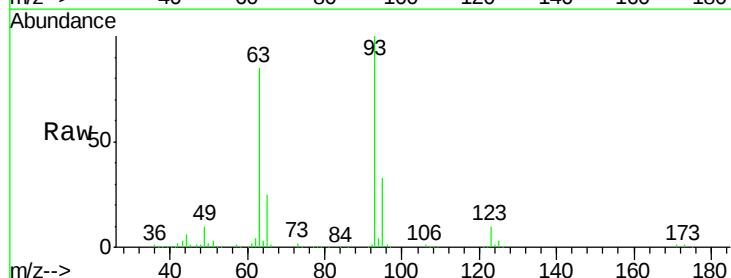
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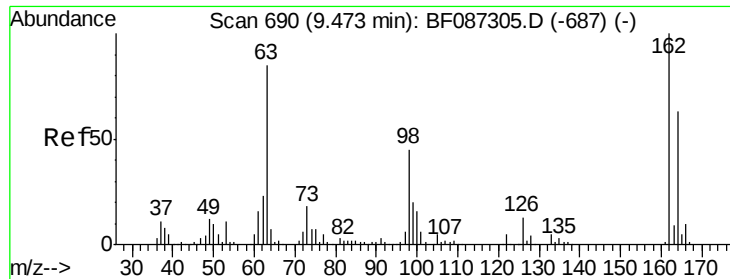
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.42 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	622323		
95	32.8	26.0	39.0	
123	9.6	9.5	14.3	





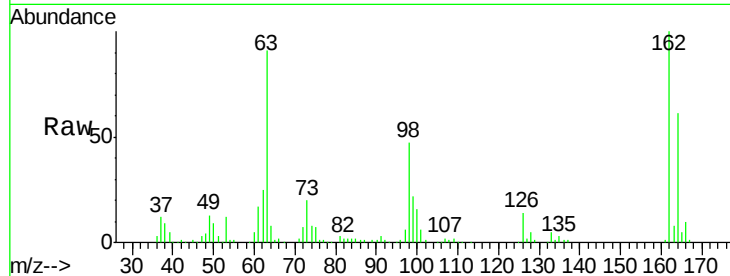
#29
 2,4-Dichlorophenol
 Concen: 41.26 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

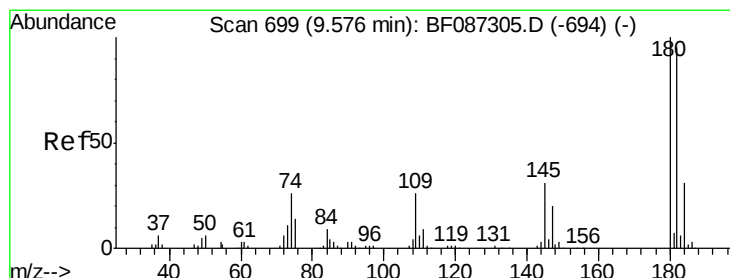
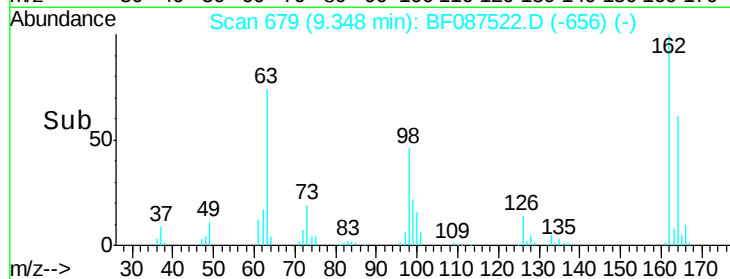
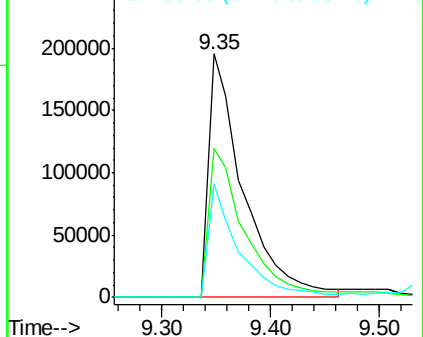
Tot Ion	Ratio	Resp	Lower	Upper
162	100	435193		
164	61.0	42.2	82.2	
98	46.7	19.0	59.0	

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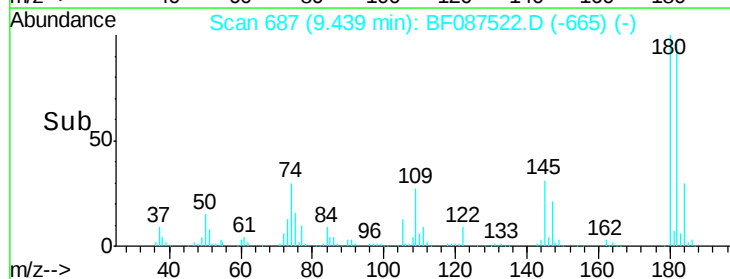
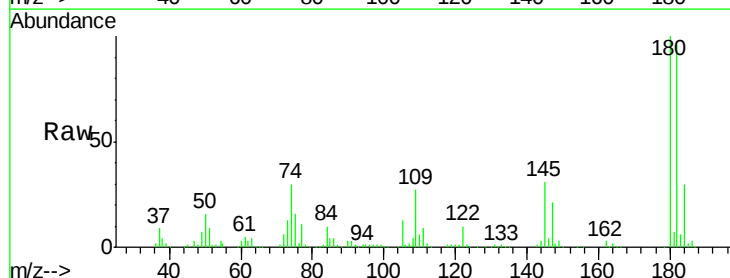
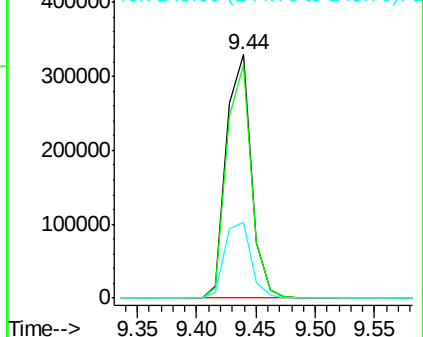
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

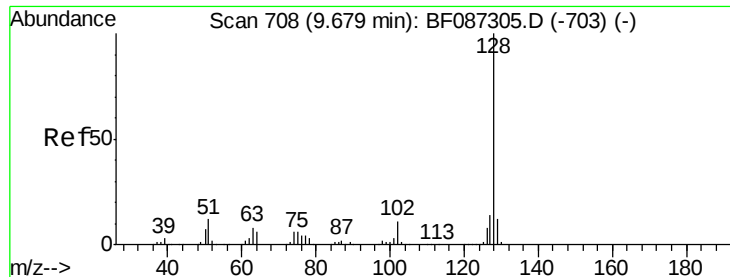


#30
 1,2,4-Trichlorobenzene
 Concen: 39.63 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	478526		
182	95.8	78.0	117.0	
145	31.3	24.2	36.2	

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





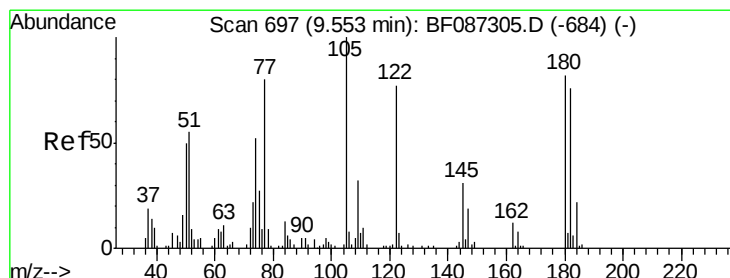
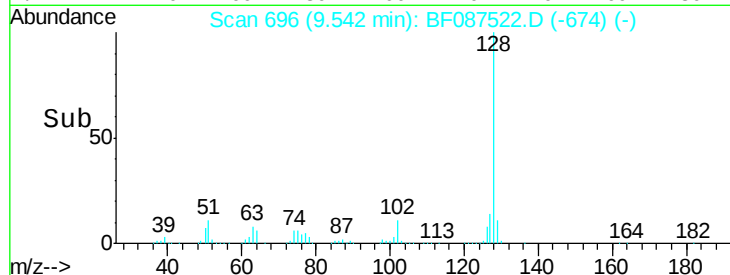
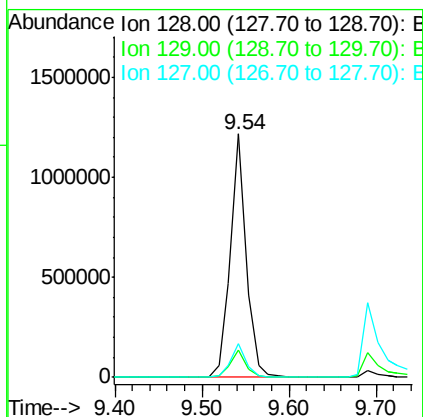
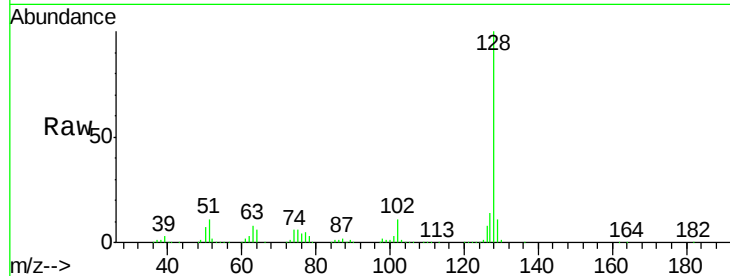
#31
Naphthalene
Concen: 39.03 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.9	10.8	16.2

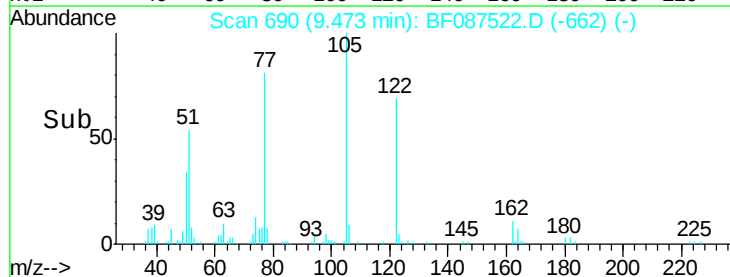
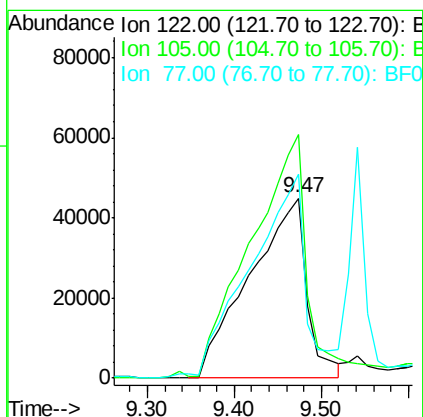
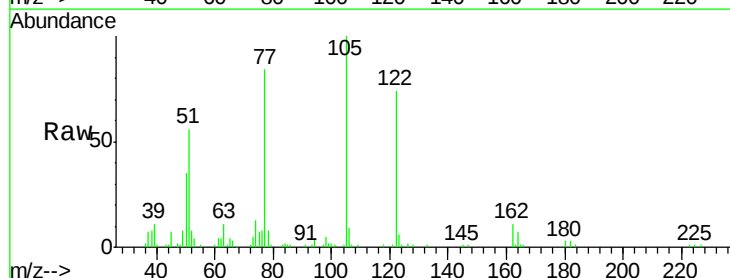
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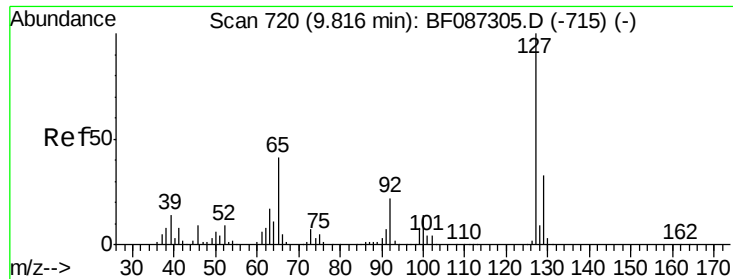
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#32
Benzoic acid
Concen: 35.82 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.02 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.4	92.6	132.6#
77	113.3	60.0	100.0#





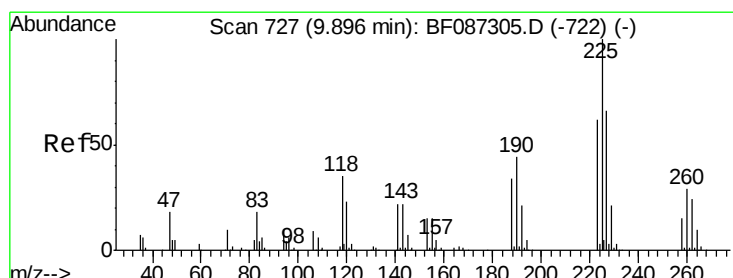
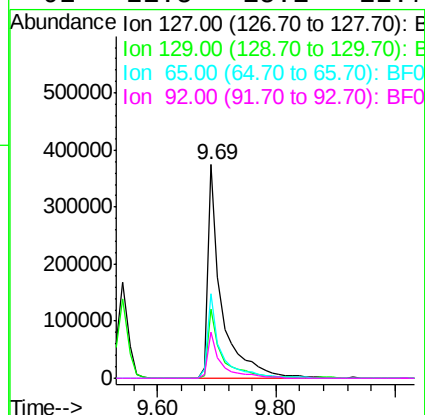
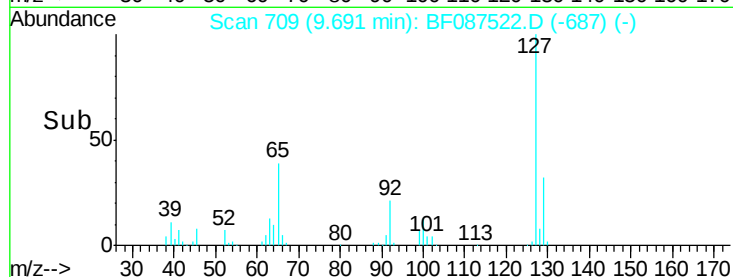
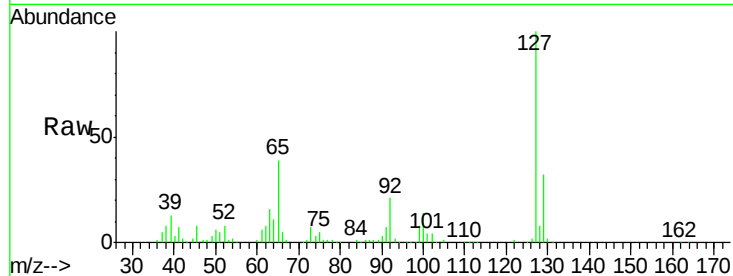
#33
4-Chloroaniline
Concen: 41.76 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.2	39.4		
65	39.3	23.0	34.4		
92	21.5	15.1	22.7		

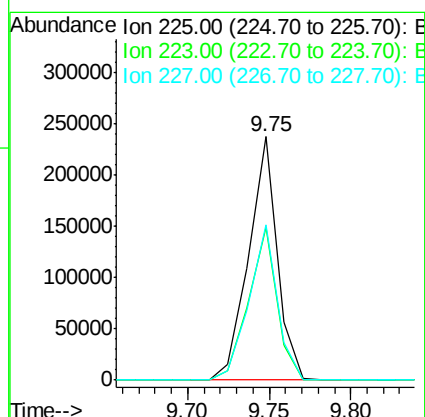
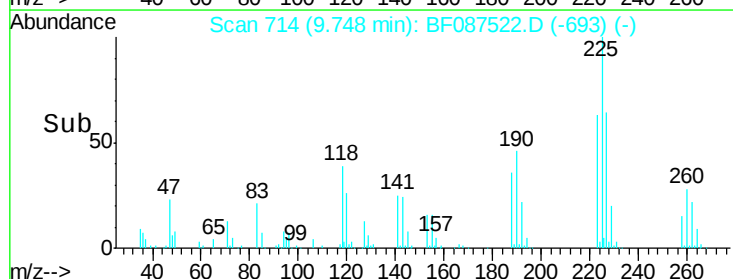
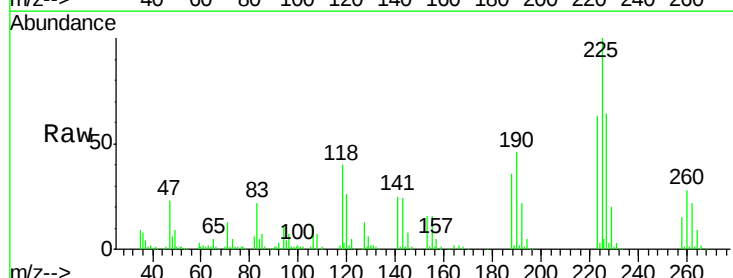
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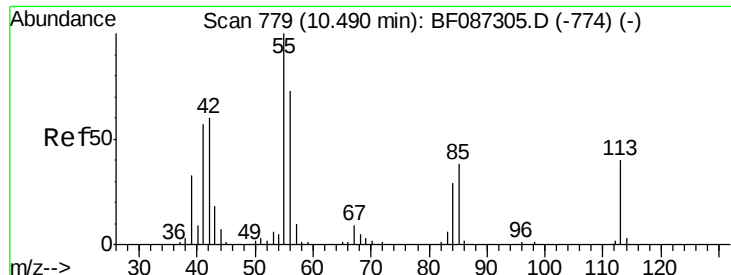
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#34
Hexachlorobutadiene
Concen: 39.19 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.06 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	51.5	77.3		
227	63.7	52.2	78.2		





#35

Caprolactam

Concen: 43.09 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

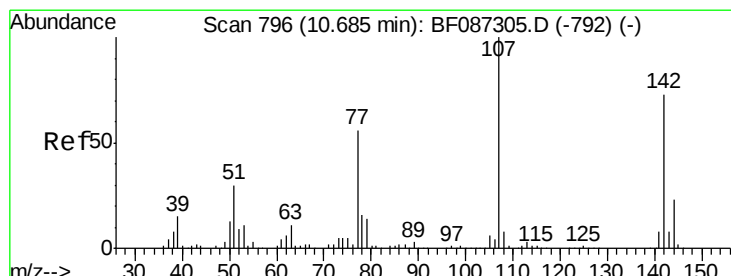
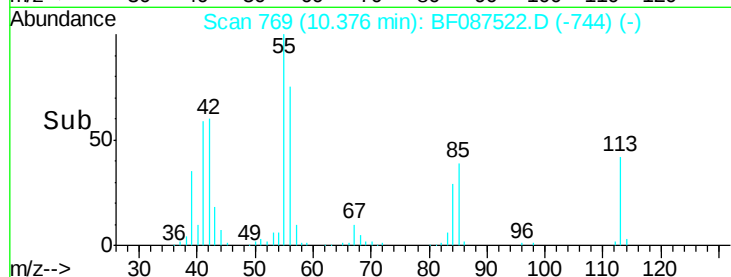
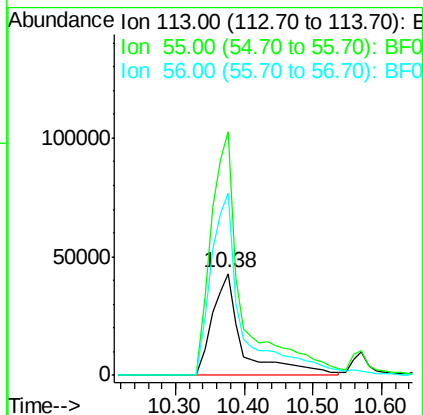
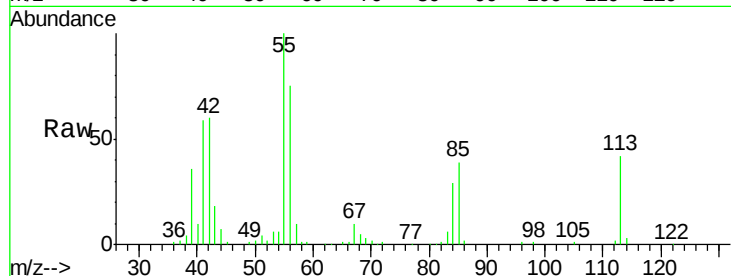
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	132670
Ion Ratio	Lower	Upper	
113	100		
55	239.7	162.0	202.0#
56	179.6	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 43.89 ng

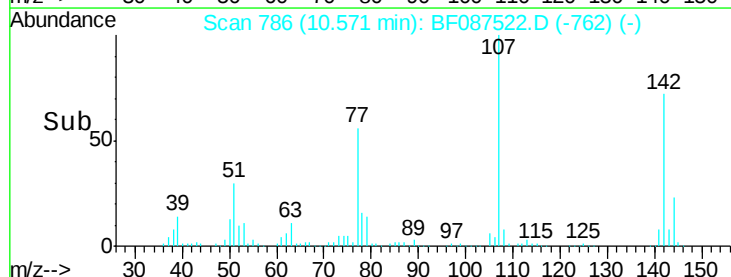
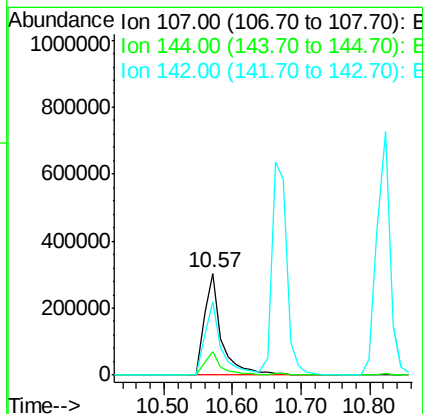
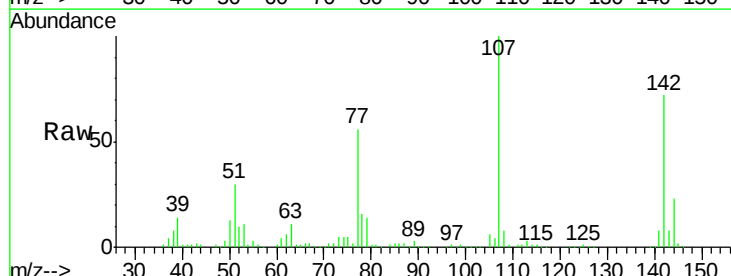
RT: 10.57 min Scan# 786

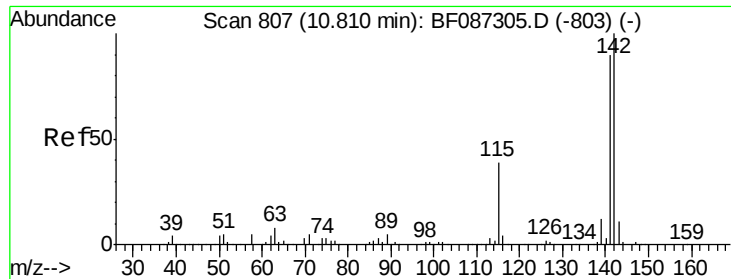
Delta R.T. -0.02 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Tgt Ion:	107	Resp:	523465
Ion Ratio	Lower	Upper	
107	100		
144	23.1	20.7	31.1
142	71.8	63.2	94.8





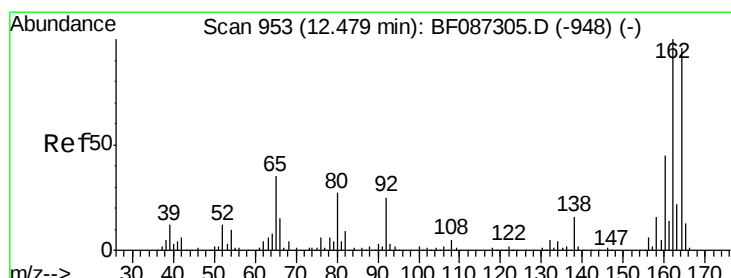
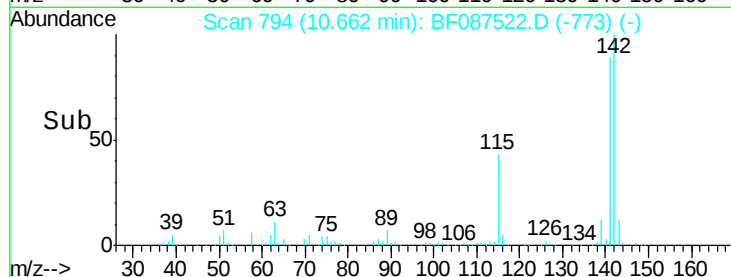
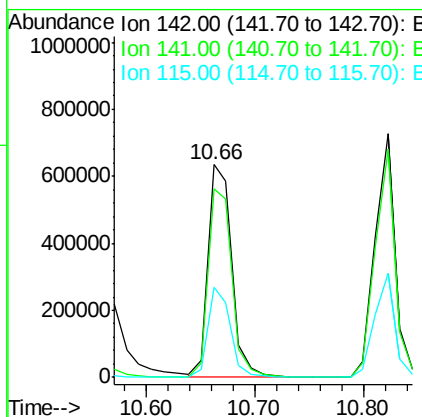
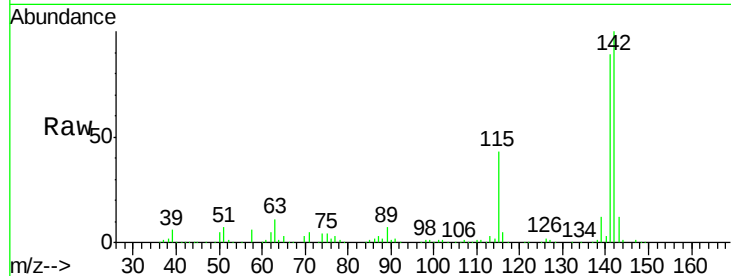
#37
2-Methylnaphthalene
Concen: 39.37 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.06 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	42.6	26.6	39.8#

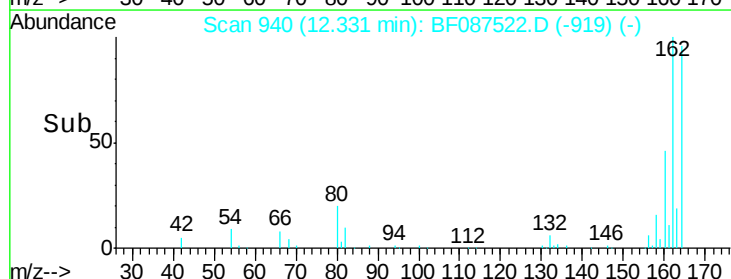
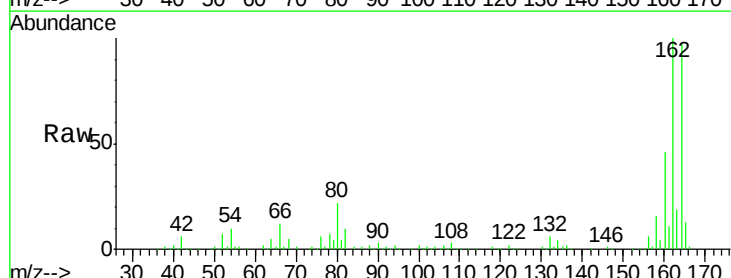
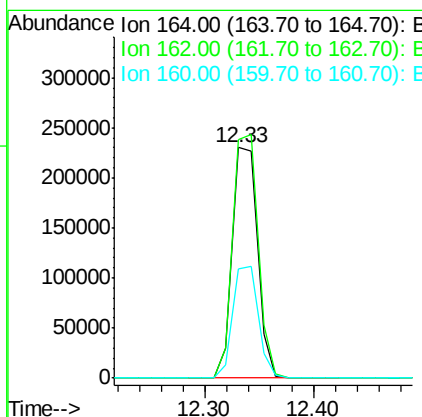
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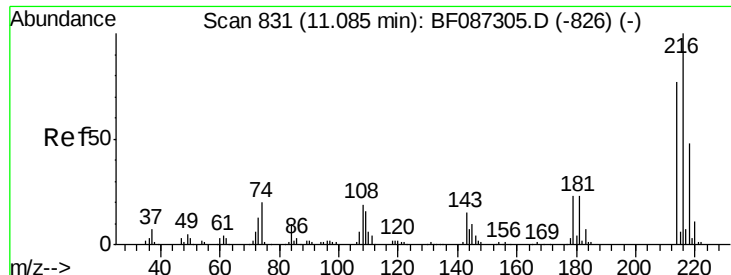
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.3	36.9	55.3





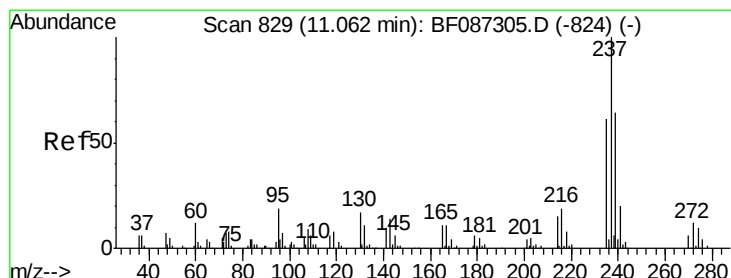
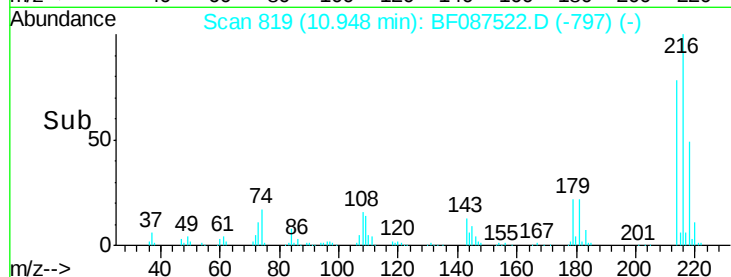
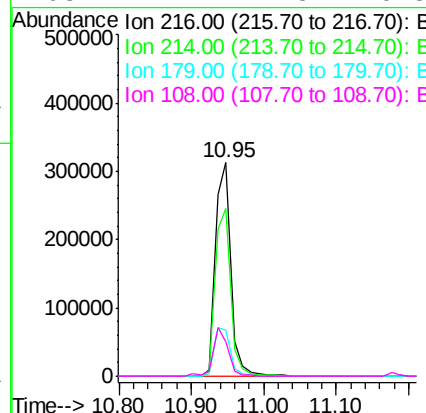
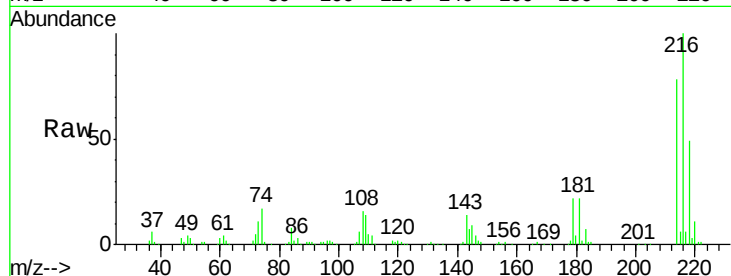
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.93 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	457665		
214	79.6	62.6	93.8	
179	23.9	18.2	27.4	
108	22.1	17.5	26.3	

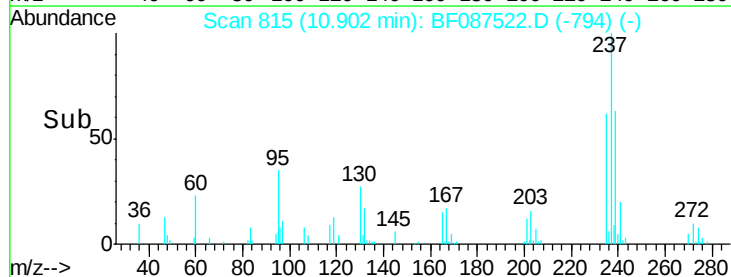
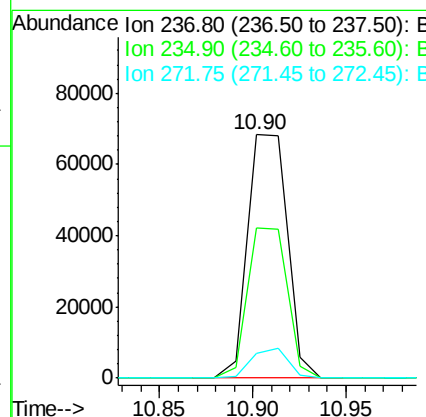
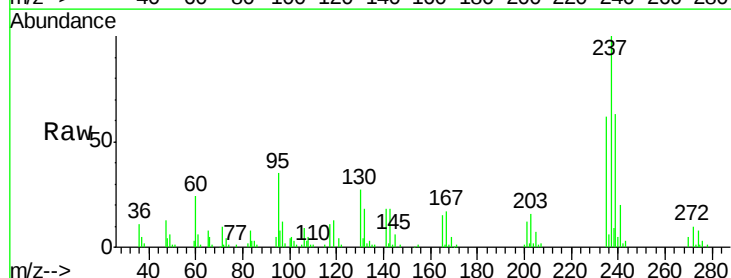
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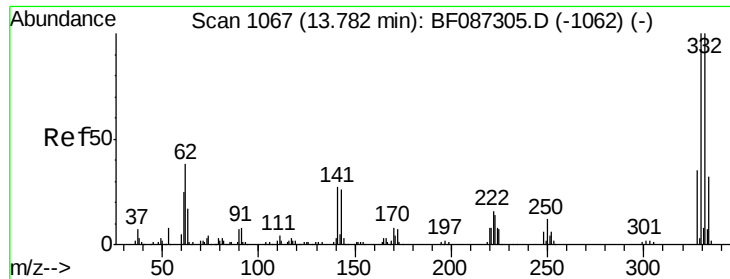
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#40
 Hexachlorocyclopentadiene
 Concen: 27.83 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.06 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	100794		
235	61.9	47.2	87.2	
272	10.2	0.0	31.1	





#41

2,4,6-Tribromophenol

Concen: 79.36 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

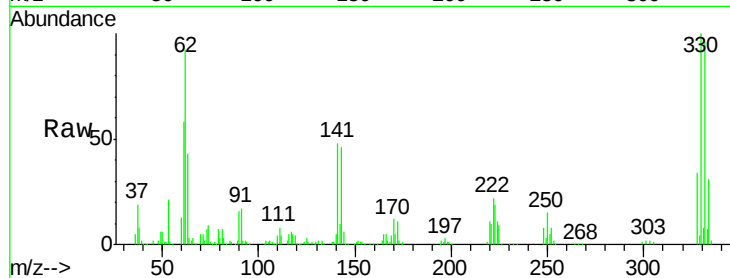
ClientSampled :

SSTDCCC040

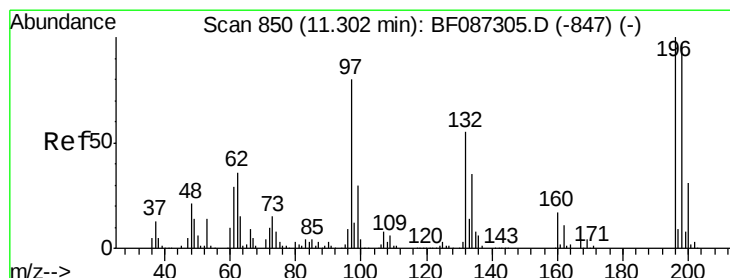
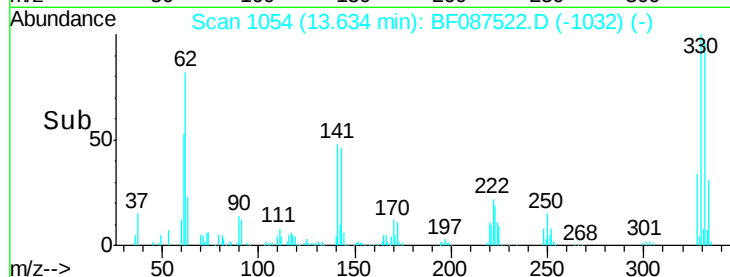
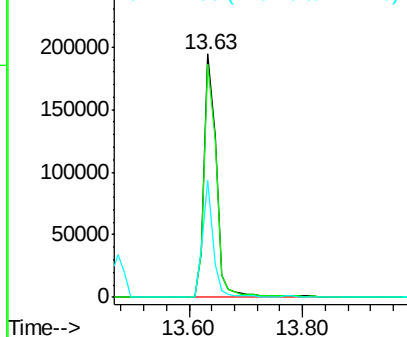
Tot Ion:	330	Resp:	280097
Ion Ratio	Lower	Upper	
330	100		
332	97.1	79.0	118.4
141	42.7	31.2	46.8

Manual Integrations
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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: 39.05 ng

RT: 11.18 min Scan# 839

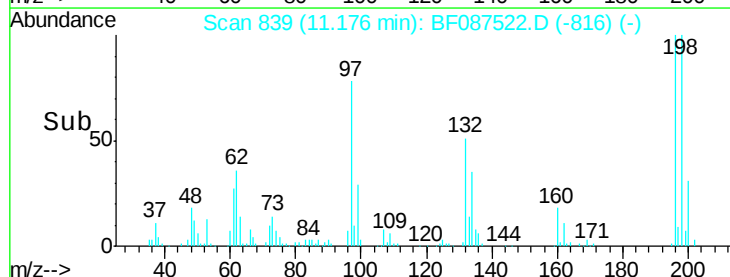
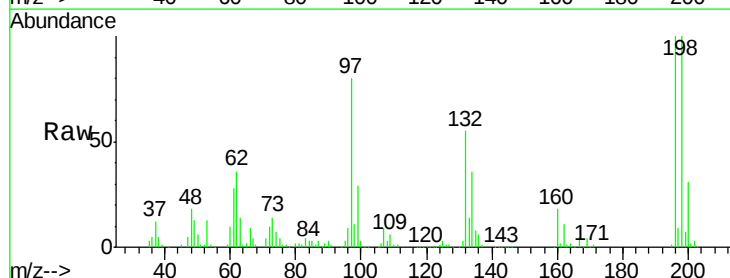
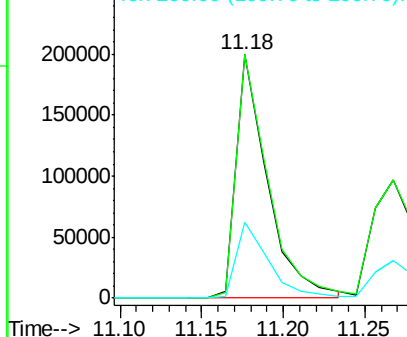
Delta R.T. -0.03 min

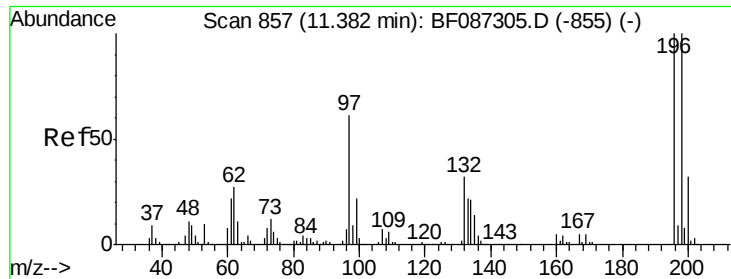
Lab File: BF087522.D

Acq: 29 May 2016 21:06

Tgt Ion:	196	Resp:	264968
Ion Ratio	Lower	Upper	
196	100		
198	99.9	74.7	112.1
200	31.1	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





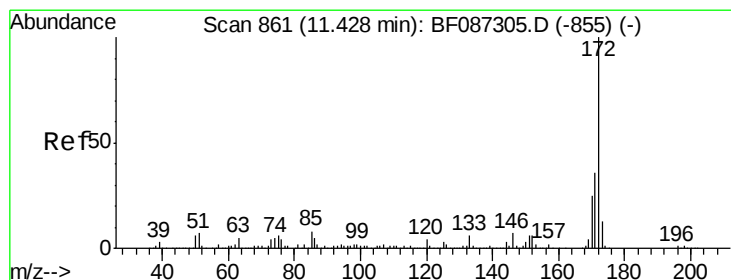
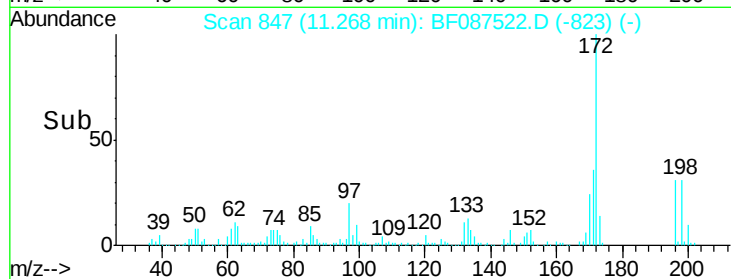
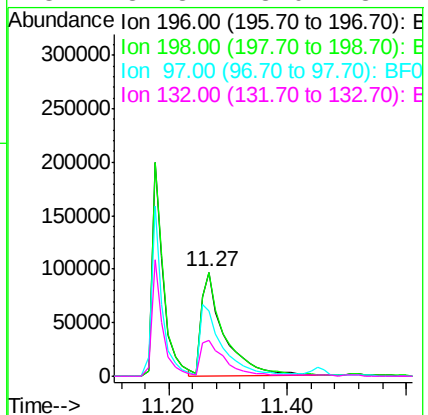
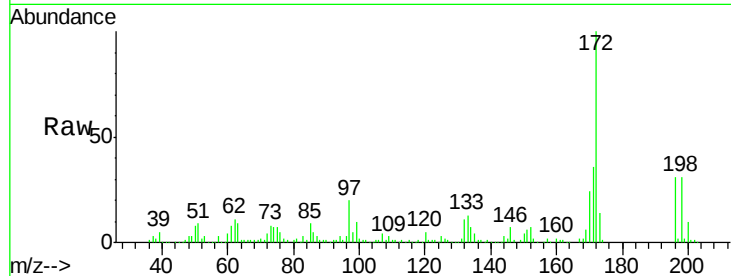
#43
 2,4,5-Trichlorophenol
 Concen: 37.40 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	258435		
198	99.6	77.5	116.3	
97	62.8	34.8	52.2	
132	34.3	23.0	34.4	

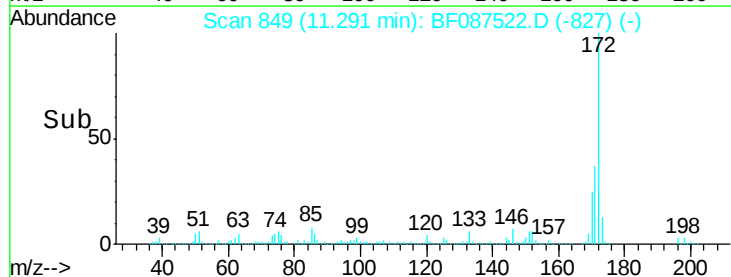
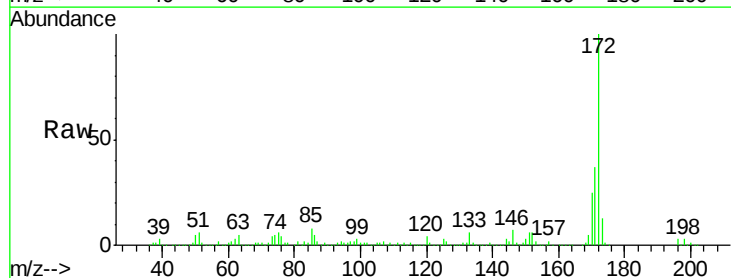
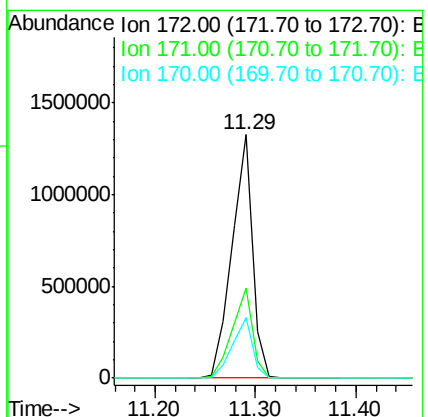
Manual Integrations
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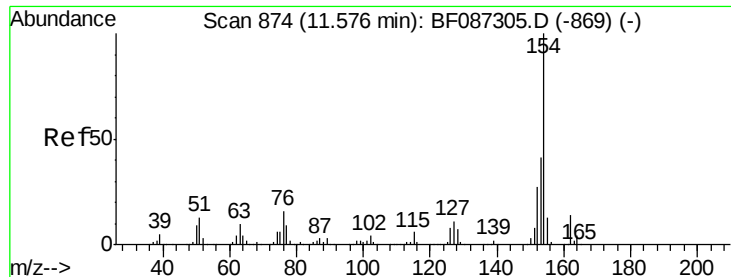
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#44
 2-Fluorobiphenyl
 Concen: 72.52 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1889471		
171	37.0	29.0	43.6	
170	24.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.57 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1192567

Ion Ratio Lower Upper

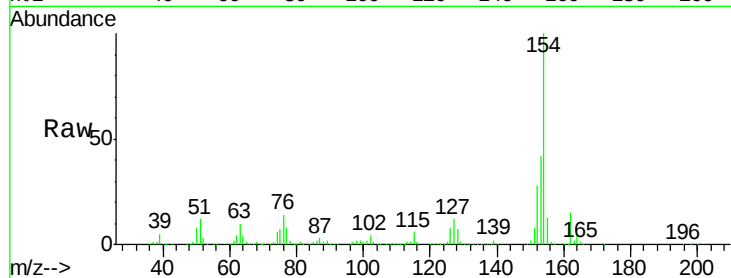
154 100

153 41.5 20.3 60.3

76 14.4 0.0 30.2

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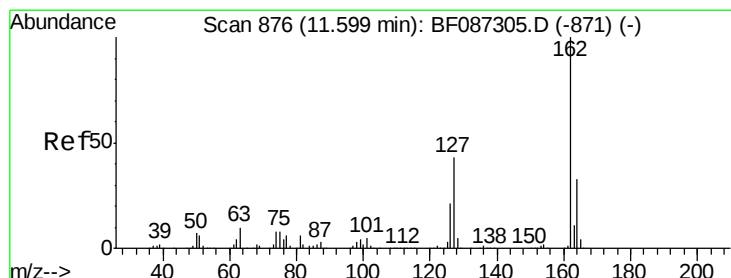
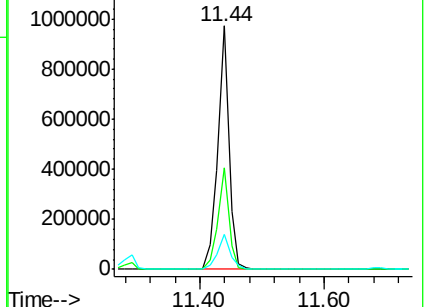
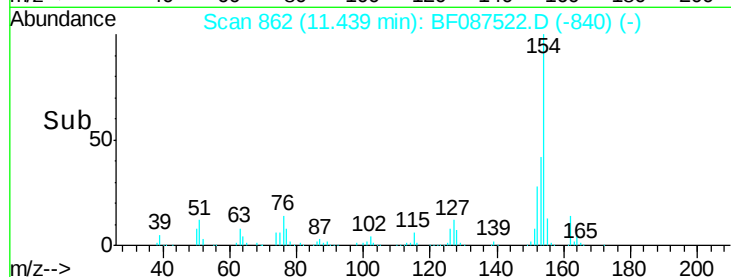
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.76 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

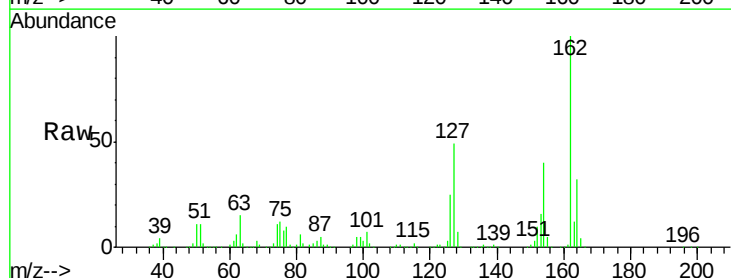
Tgt Ion:162 Resp: 940591

Ion Ratio Lower Upper

162 100

127 48.8 31.8 47.6#

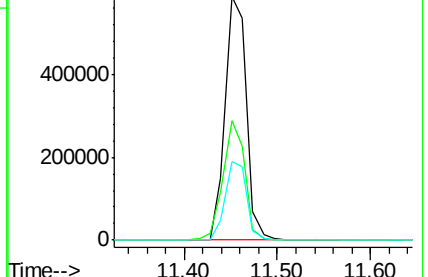
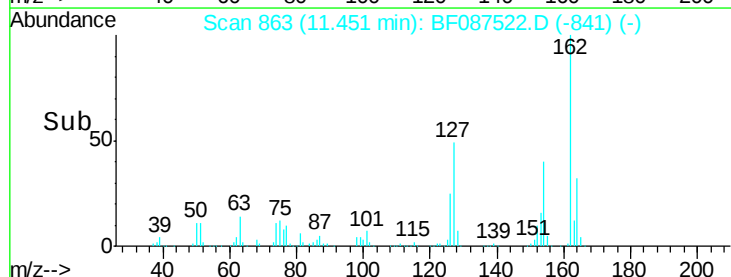
164 32.3 27.0 40.6

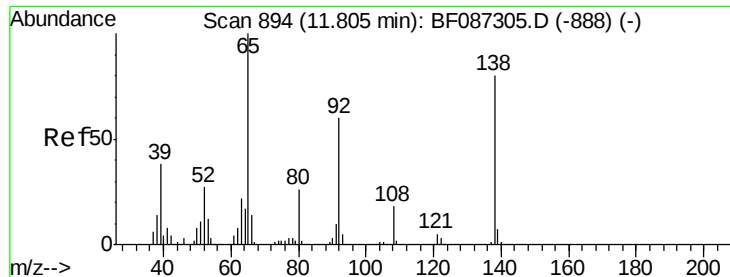


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





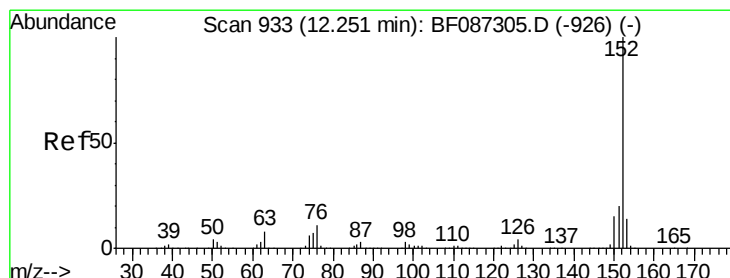
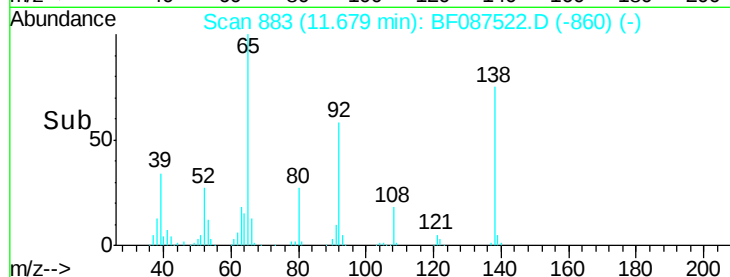
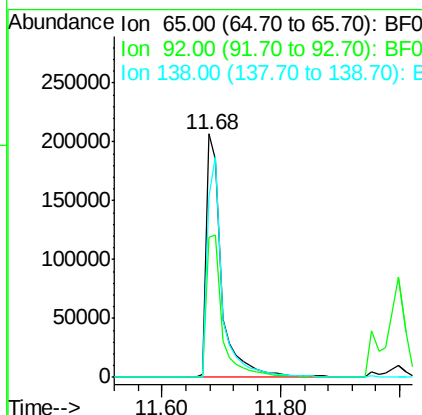
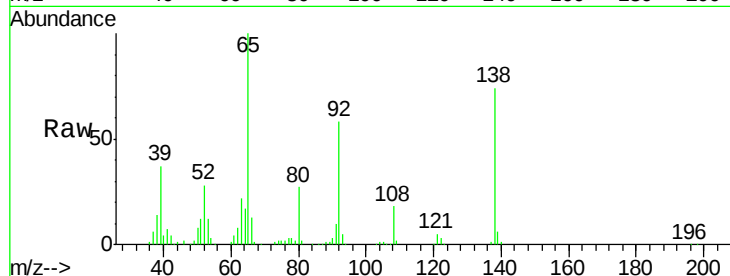
#47
2-Nitroaniline
Concen: 44.06 ng
RT: 11.68 min Scan# 883
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.6	57.4	86.2
138	74.2	90.1	135.1#

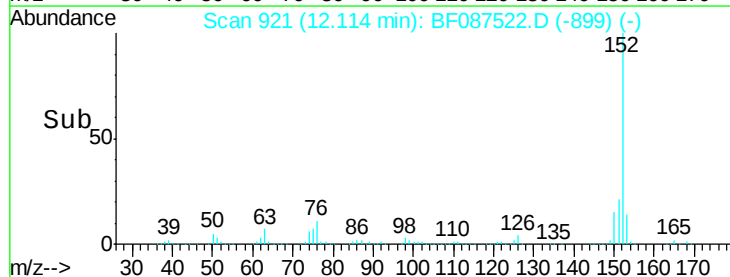
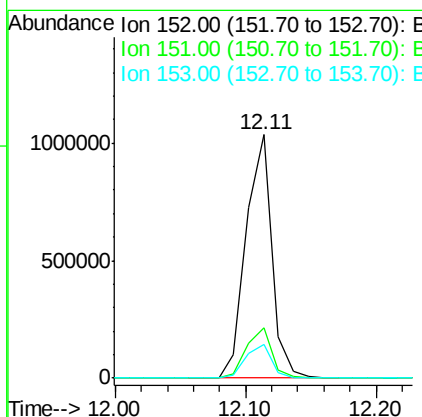
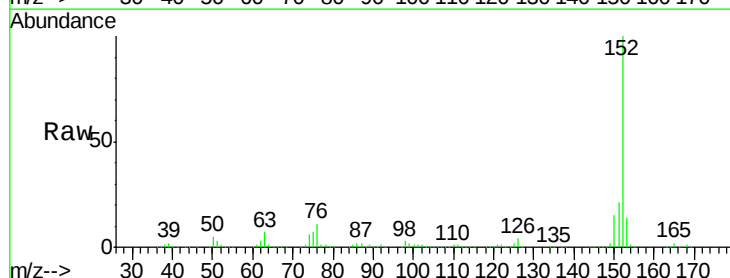
Manual Integrations
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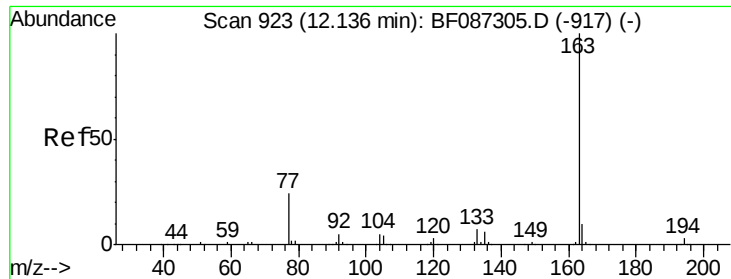
umangi
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#48
Acenaphthylene
Concen: 38.13 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.7	10.9	16.3





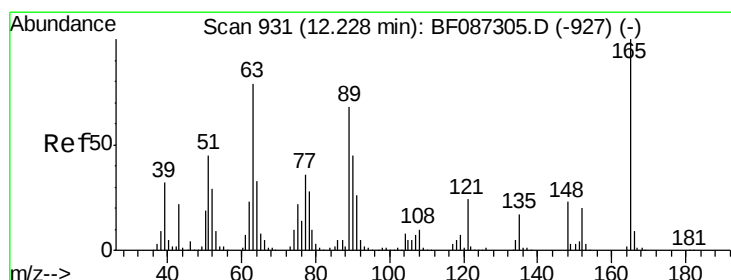
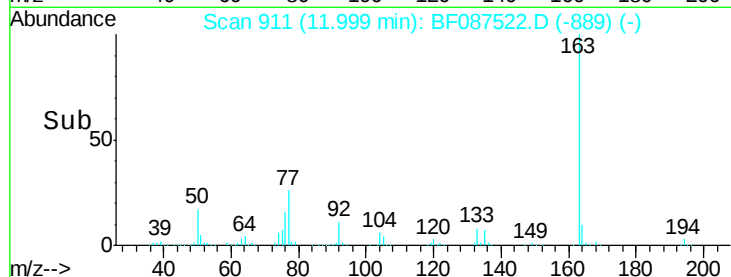
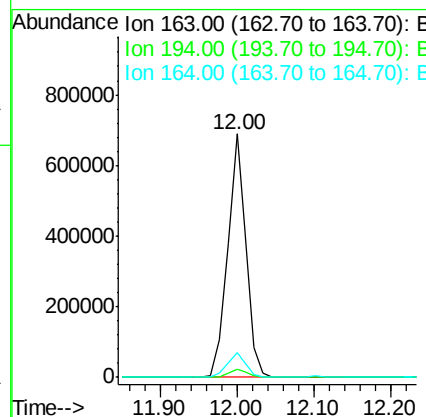
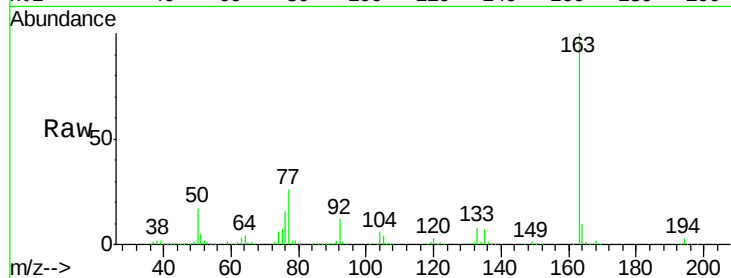
#49
Dimethylphthalate
Concen: 39.43 ng
RT: 12.00 min Scan# 911
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1159990
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

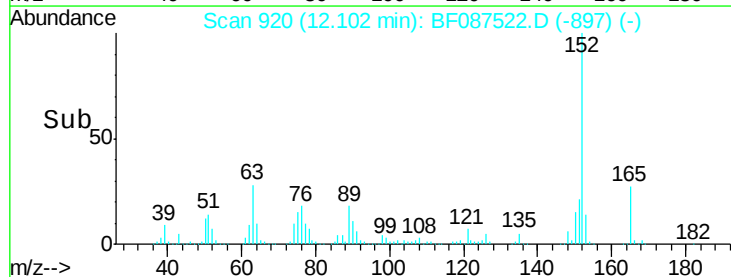
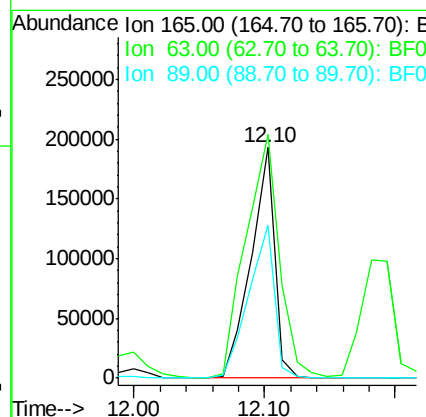
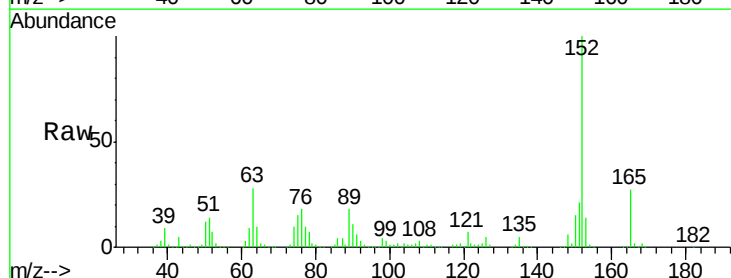
Manual Integrations
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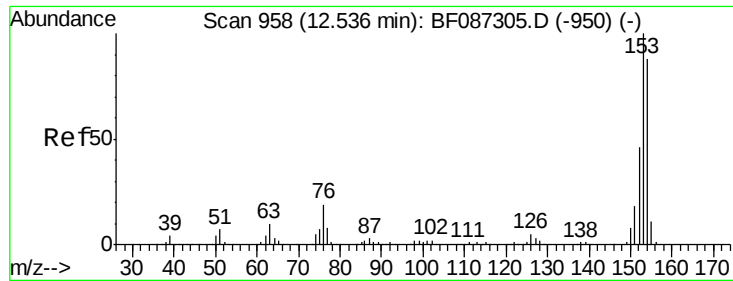
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#50
2,6-Dinitrotoluene
Concen: 41.39 ng
RT: 12.10 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion:165 Resp: 245363
Ion Ratio Lower Upper
165 100
63 105.6 51.8 77.8#
89 66.3 50.7 76.1





#51

Acenaphthene

Concen: 38.58 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

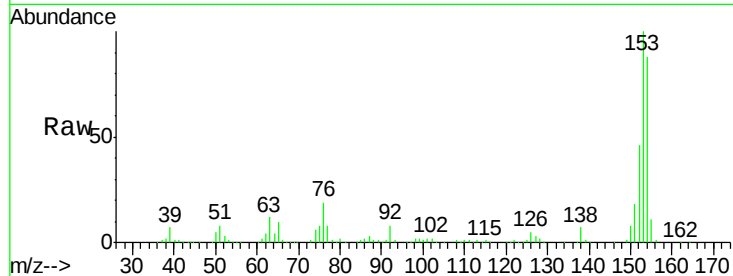
ClientSampleId :

SSTDCCC040

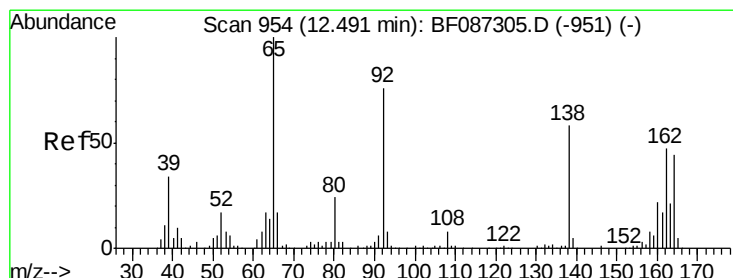
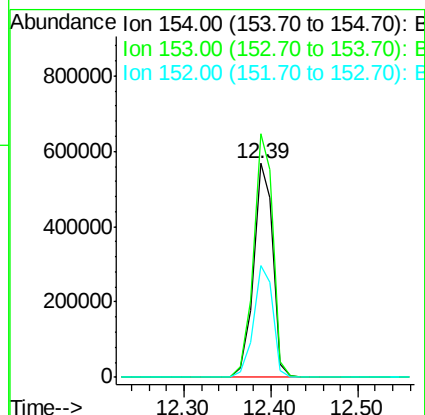
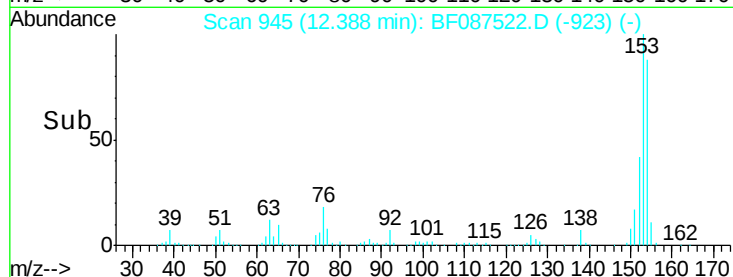
Tot Ion:	154	Resp:	888258
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.8	134.6
152	52.5	43.4	65.0

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.60 ng

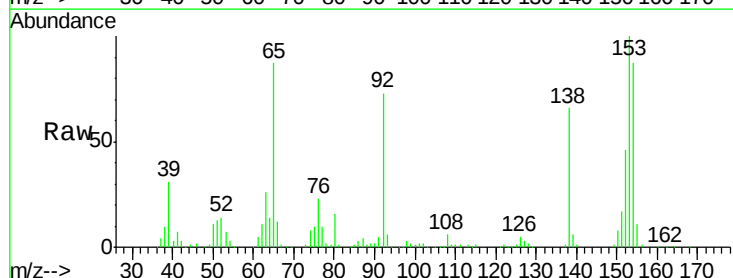
RT: 12.38 min Scan# 944

Delta R.T. -0.02 min

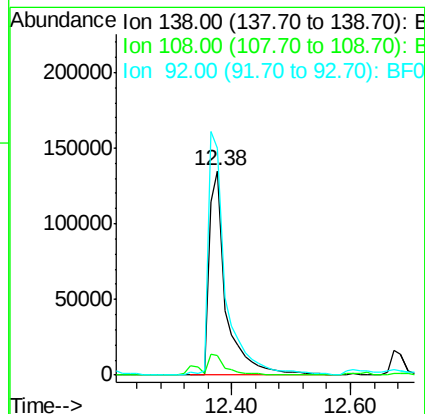
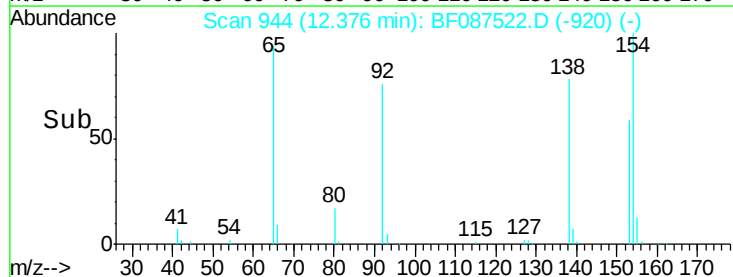
Lab File: BF087522.D

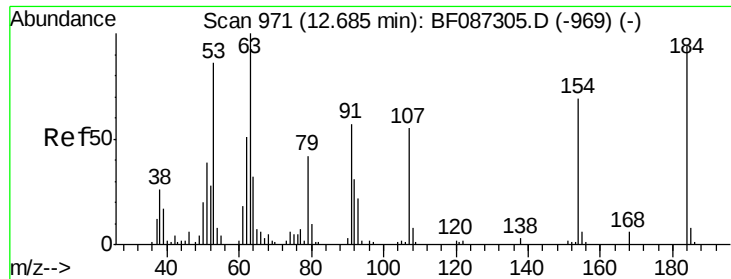
Acq: 29 May 2016 21:06

Tgt Ion:	138	Resp:	265266
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.6
92	110.9	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





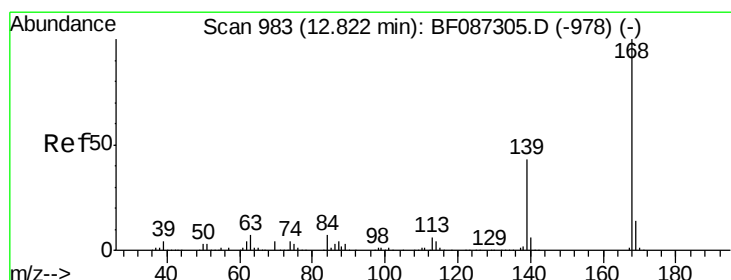
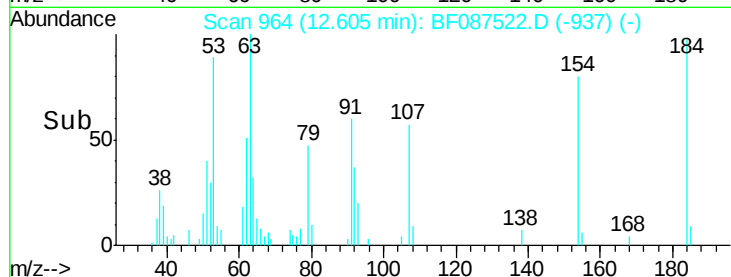
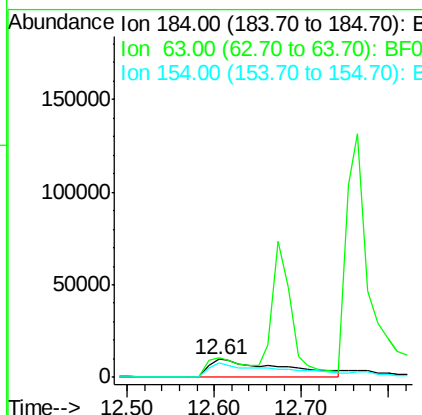
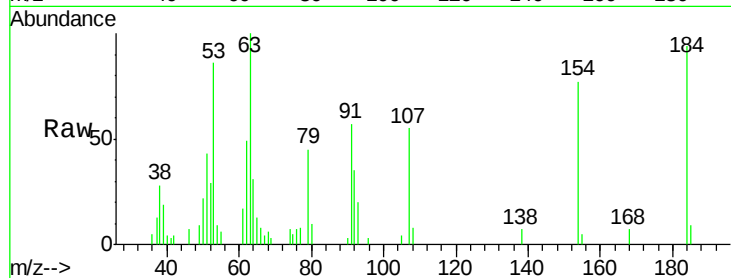
#53
2,4-Dinitrophenol
Concen: 23.82 ng
RT: 12.61 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	106.5	55.8	83.8#
154	82.0	62.4	93.6

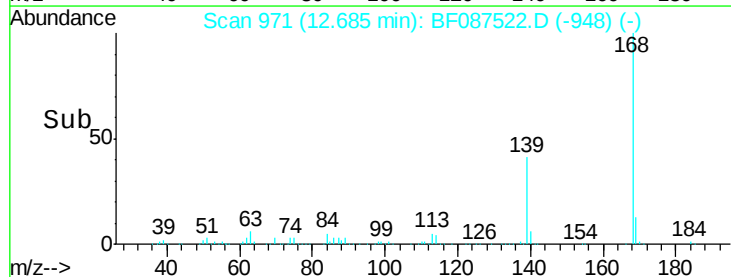
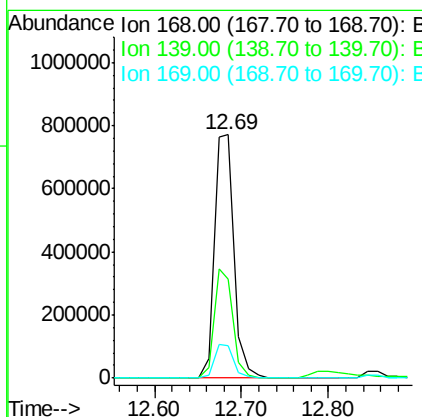
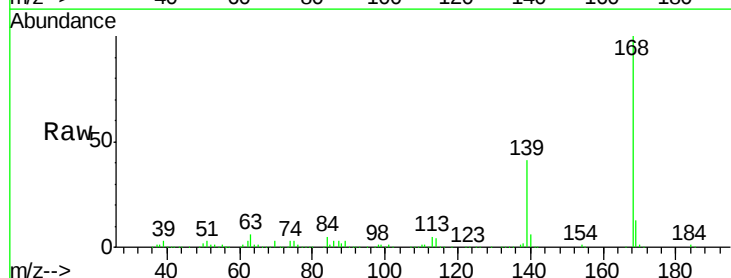
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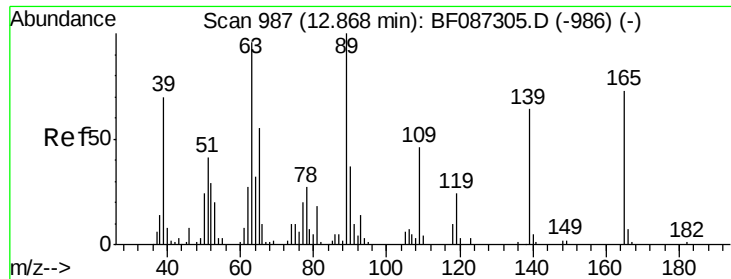
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#54
Dibenzofuran
Concen: 39.00 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.4	47.0
169	13.3	10.7	16.1





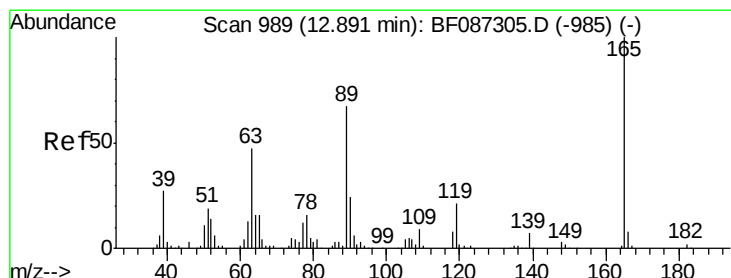
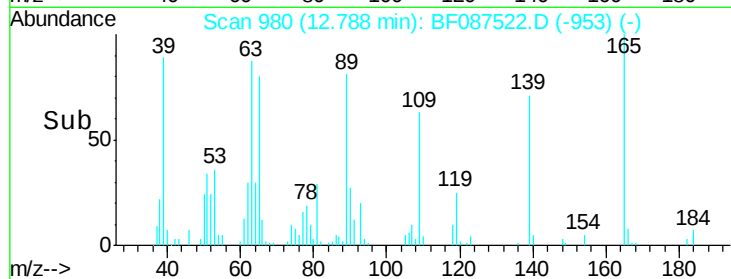
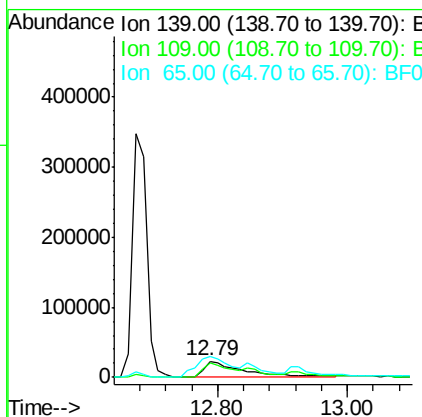
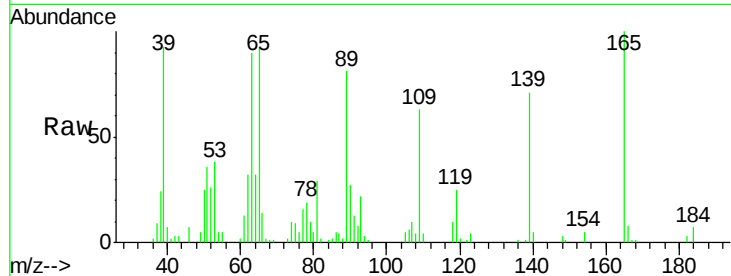
#55
4-Nitrophenol
Concen: 34.10 ng/ml
RT: 12.79 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	89.6	36.9	76.9	
65	130.9	64.0	104.0	

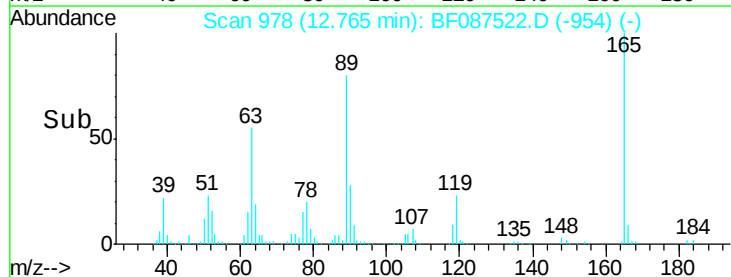
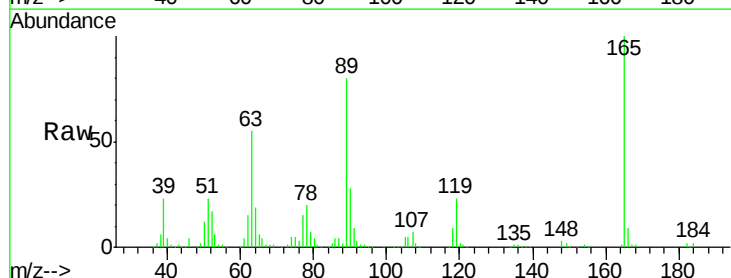
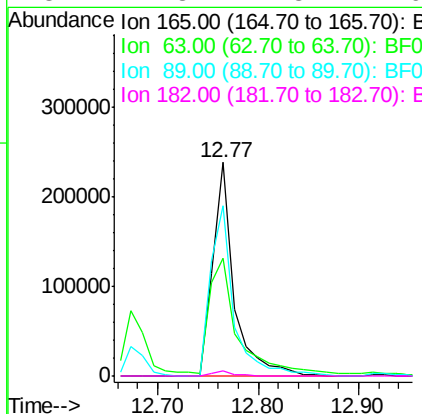
Manual Integrations
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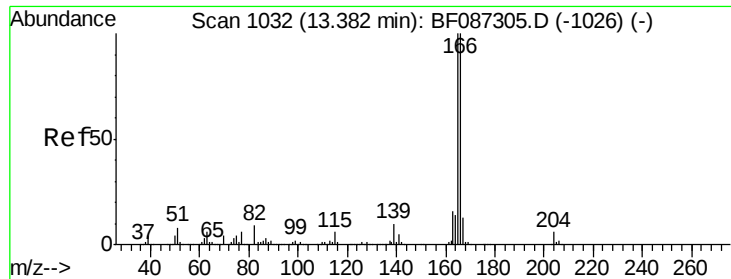
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#56
2,4-Dinitrotoluene
Concen: 44.14 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.2	44.3	66.5	
89	79.6	70.0	105.0	
182	2.3	1.8	2.6	





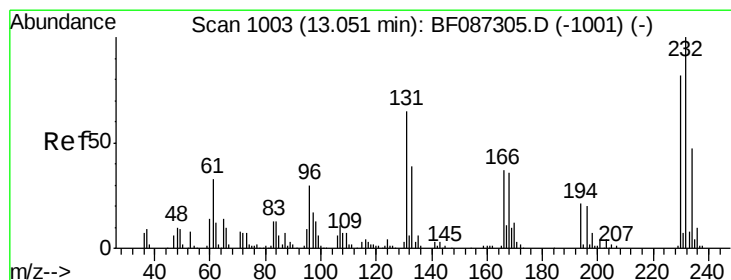
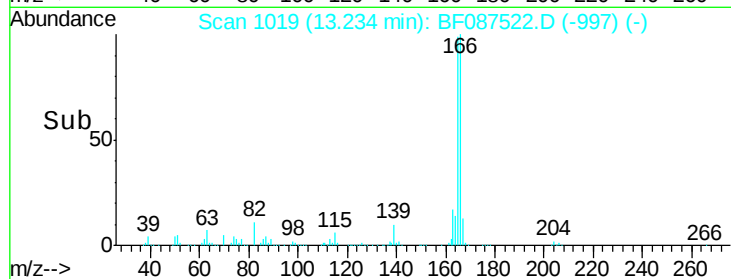
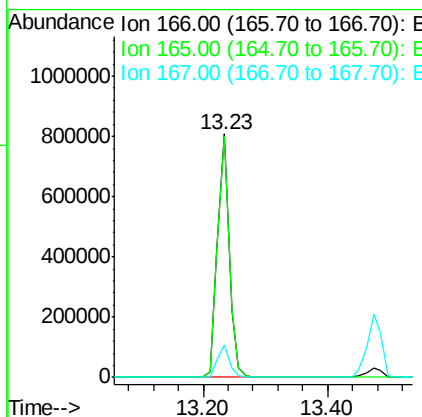
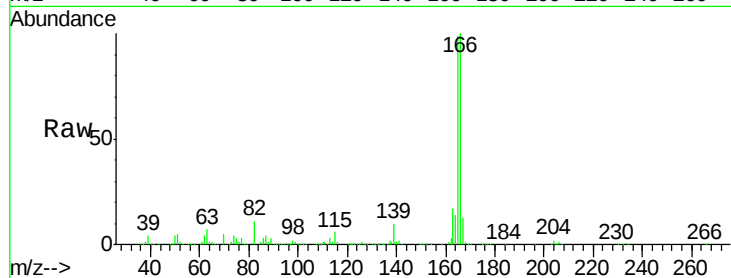
#57
 Fluorene
 Concen: 38.27 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.0	79.0	118.6	
167	13.2	10.6	15.8	

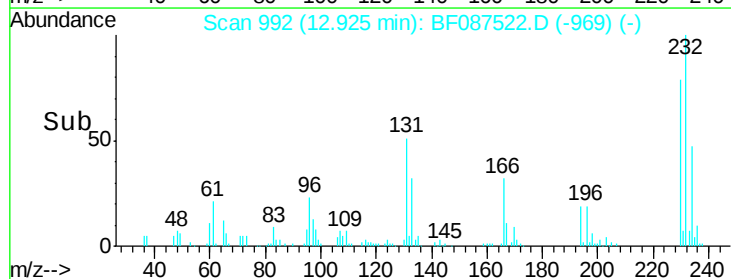
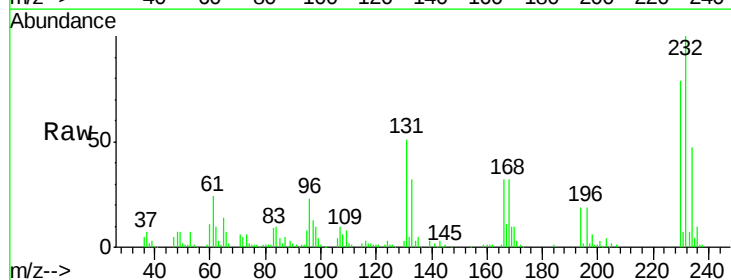
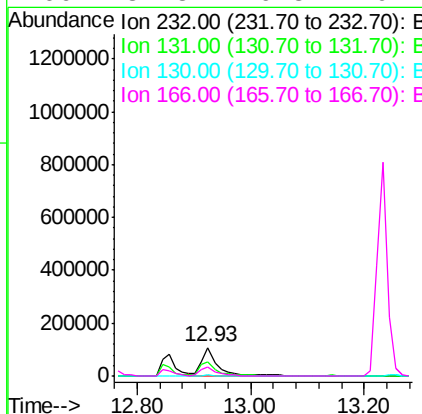
Manual Integrations
 APPROVED

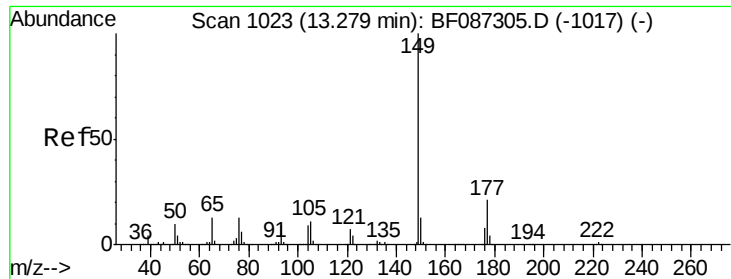
umangi
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.67 ng
 RT: 12.93 min Scan# 992
 Delta R.T. -0.03 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ion	Ratio	Lower	Upper
232	100			
131	54.0	41.9	62.9	
130	3.2	2.2	3.4	
166	32.8	26.8	40.2	





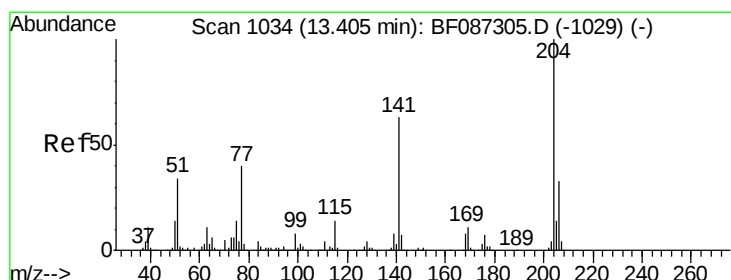
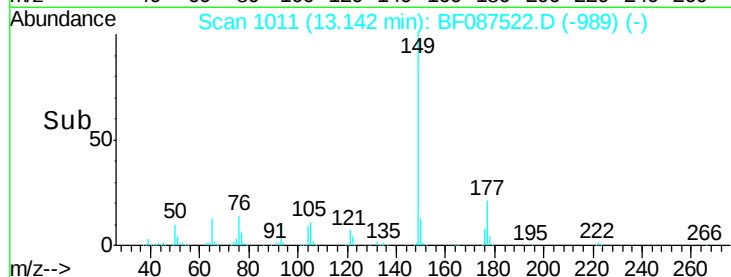
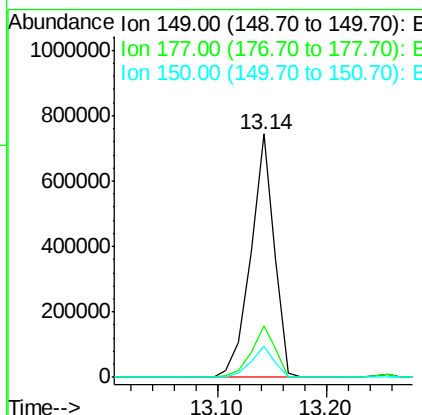
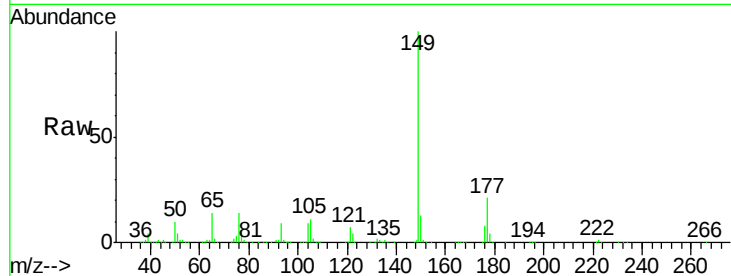
#59
Diethylphthalate
Concen: 39.09 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.6	24.8
150	12.8	10.0	15.0

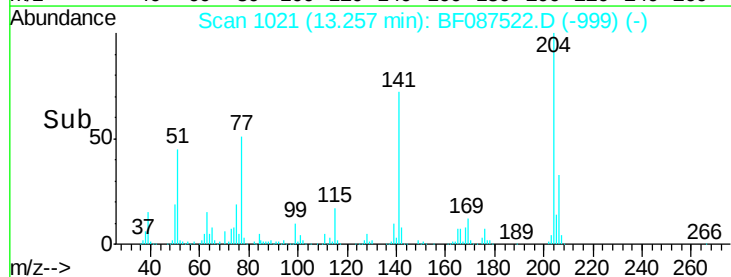
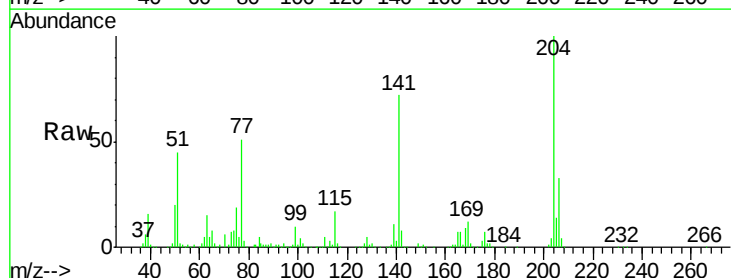
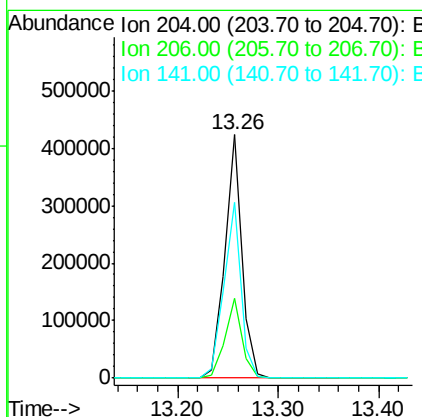
Manual Integrations
APPROVED

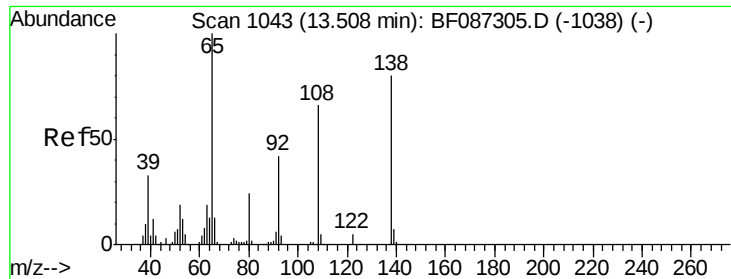
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 37.87 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.4	38.0
141	72.0	61.6	92.4





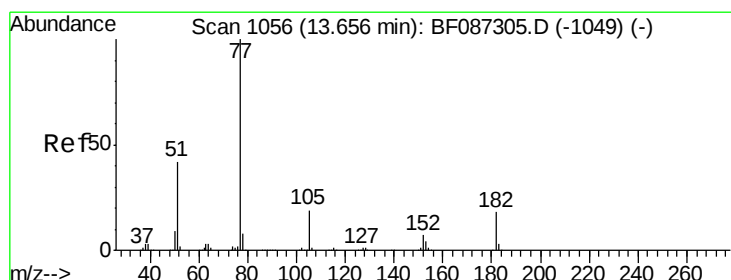
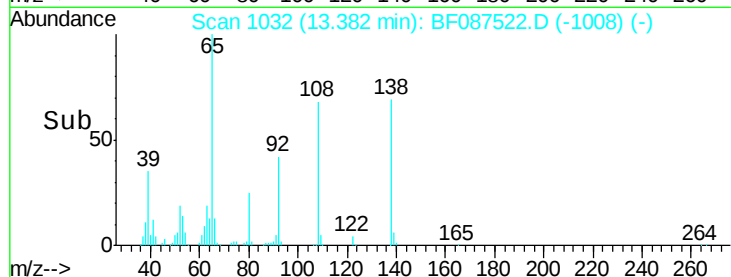
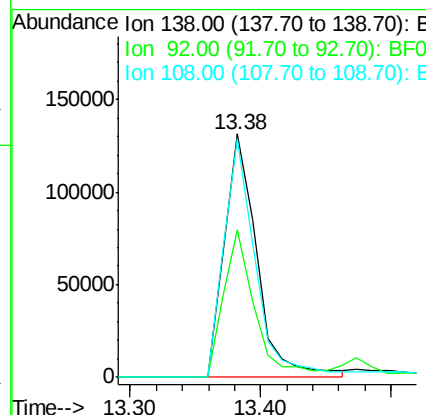
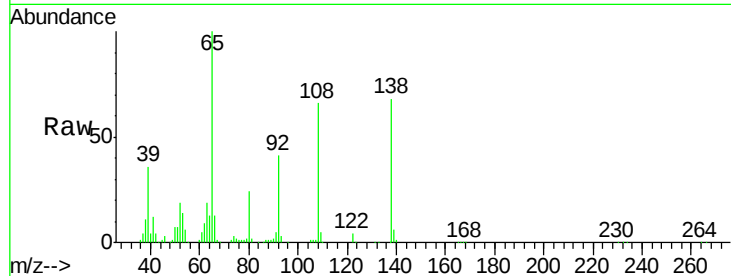
#61
4-Nitroaniline
Concen: 40.40 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.5	24.7	64.7
108	98.2	37.4	77.4

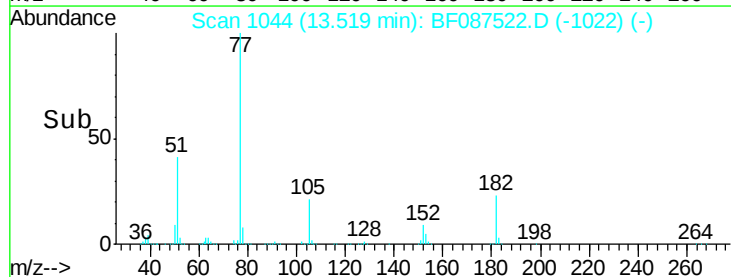
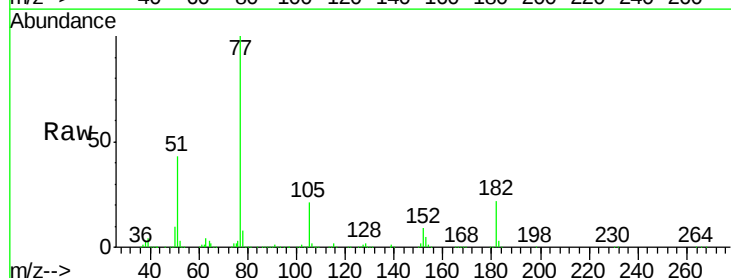
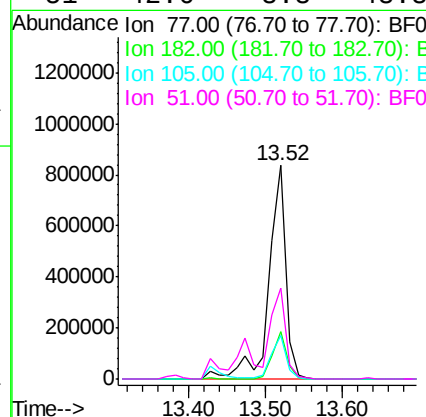
Manual Integrations
APPROVED

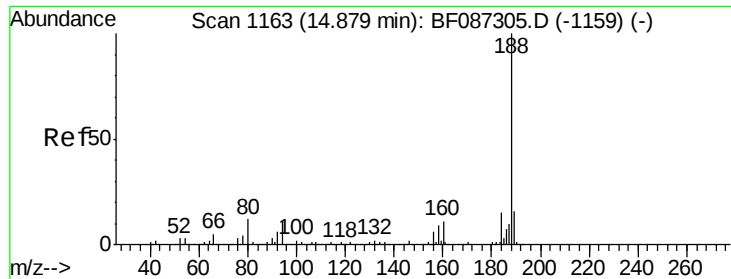
umangi
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#62
Azobenzene
Concen: 43.04 ng
RT: 13.52 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	0.0	38.8
105	20.6	3.2	43.2
51	42.6	8.8	48.8





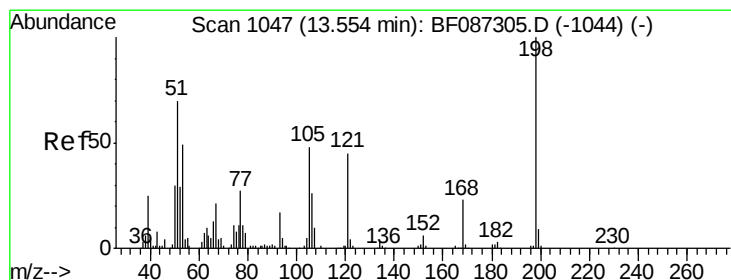
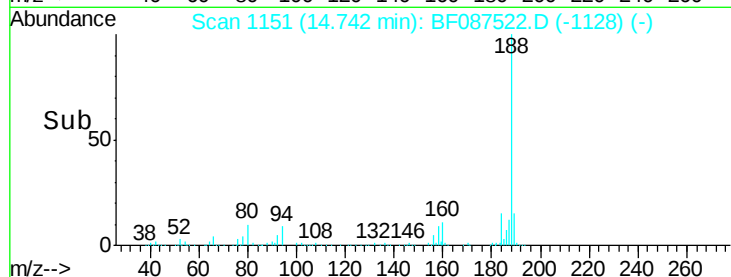
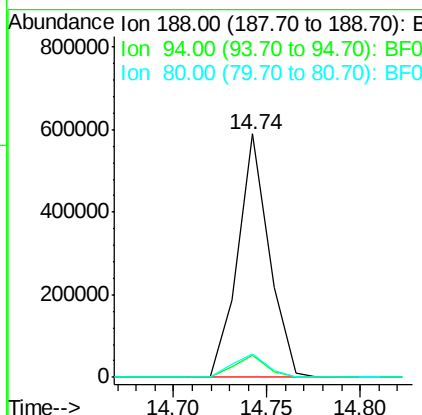
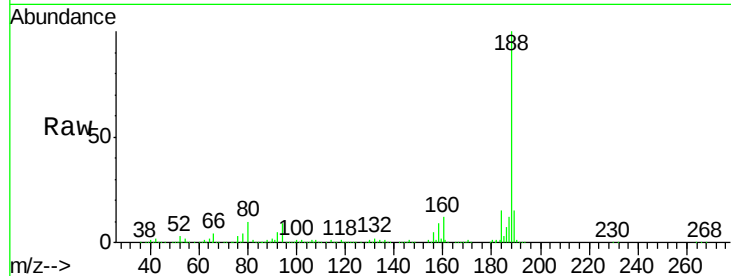
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.9	7.1	10.7

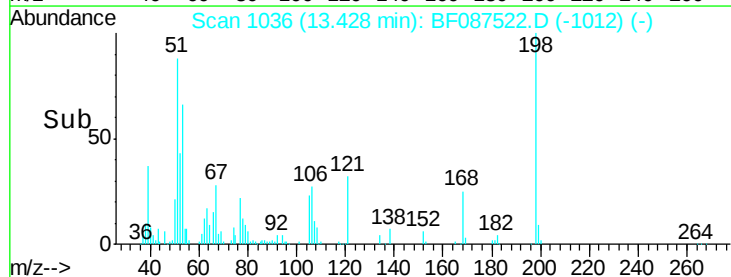
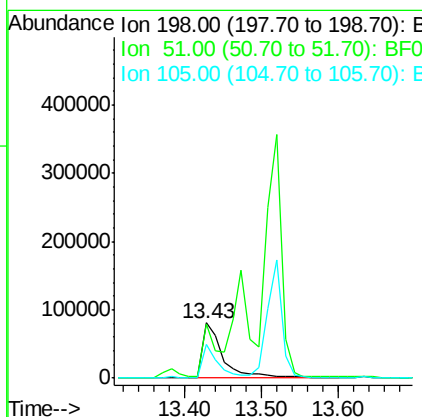
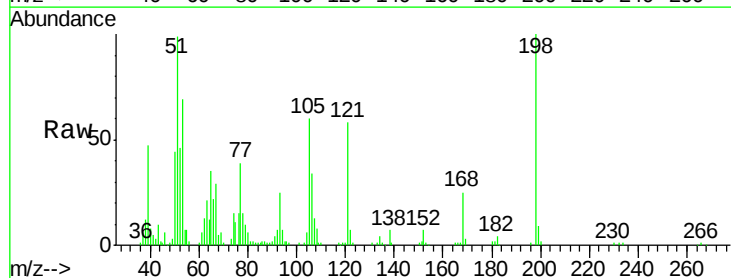
Manual Integrations
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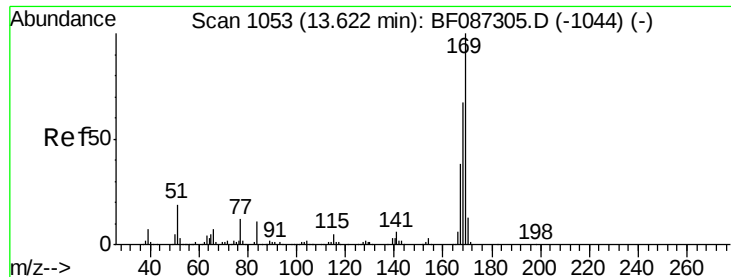
umangi
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.11 ng
RT: 13.43 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	98.8	20.5	60.5#
105	60.3	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 39.11 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

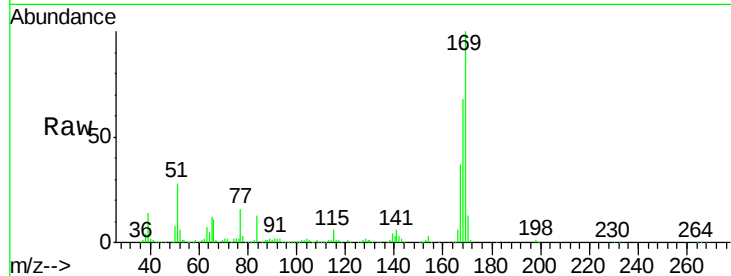
ClientSampleId :

SSTDCCC040

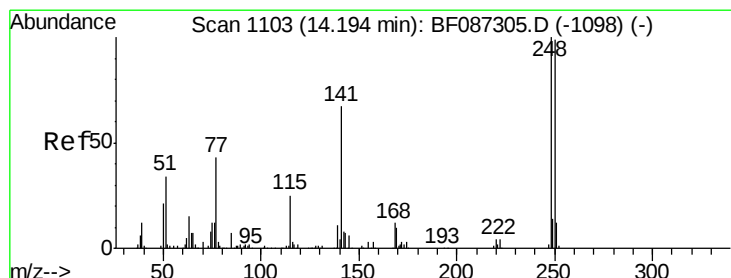
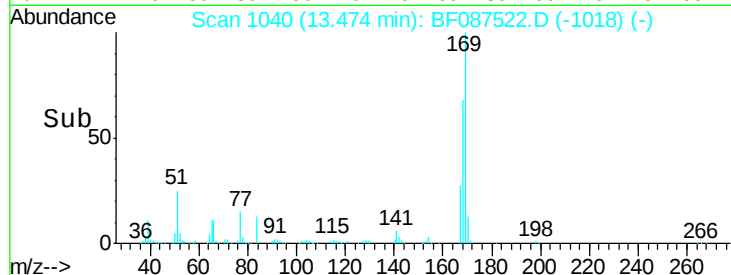
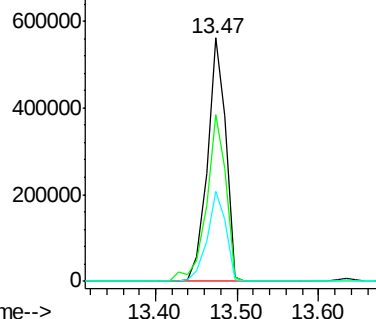
Tot Ion:	169	Resp:	874056
Ion Ratio	Lower	Upper	
169	100		
168	68.3	53.8	80.6
167	37.1	29.5	44.3

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: 39.76 ng

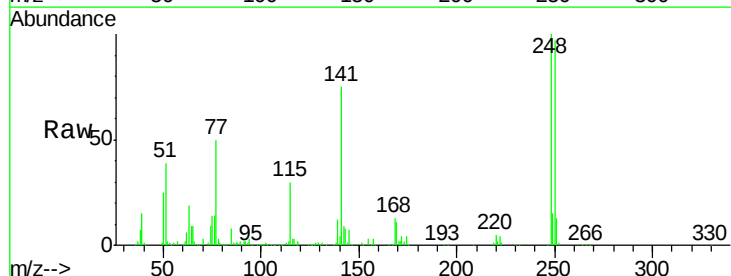
RT: 14.05 min Scan# 1090

Delta R.T. -0.05 min

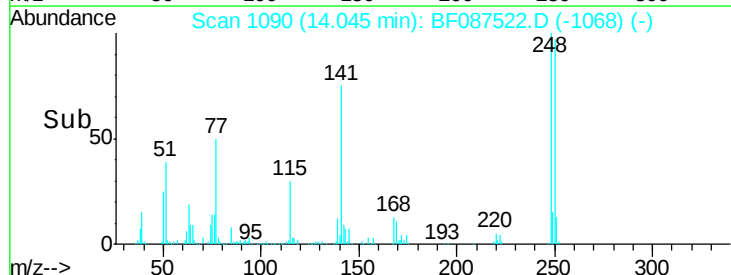
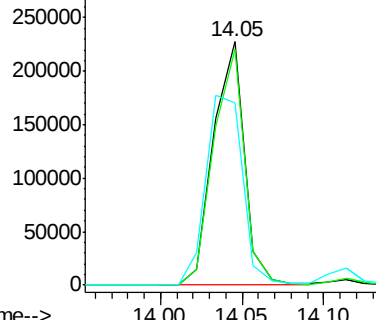
Lab File: BF087522.D

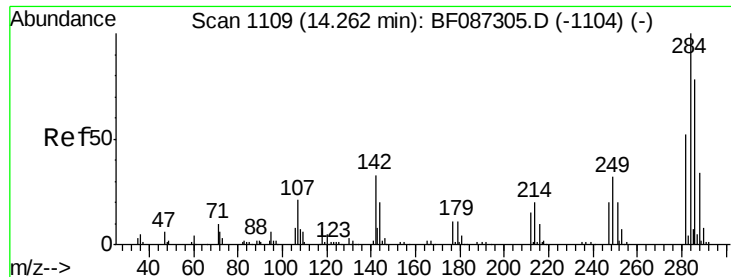
Acq: 29 May 2016 21:06

Tgt Ion:	248	Resp:	300575
Ion Ratio	Lower	Upper	
248	100		
250	97.2	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





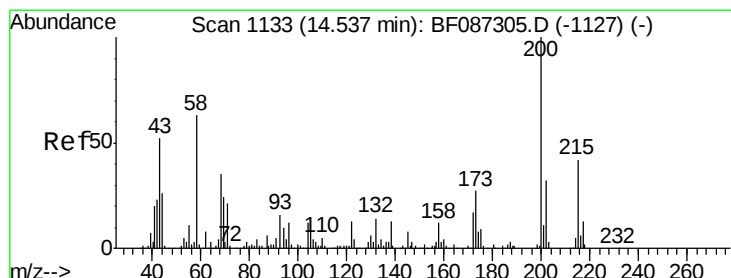
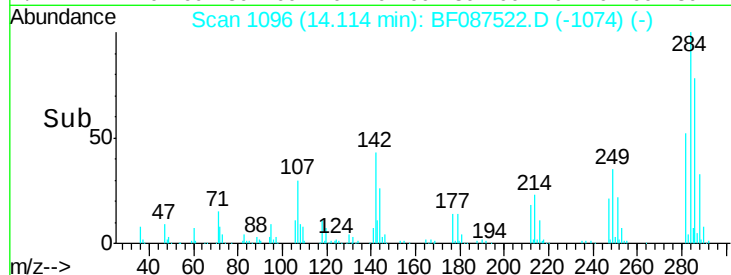
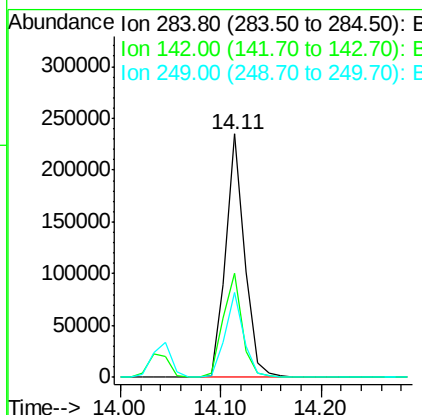
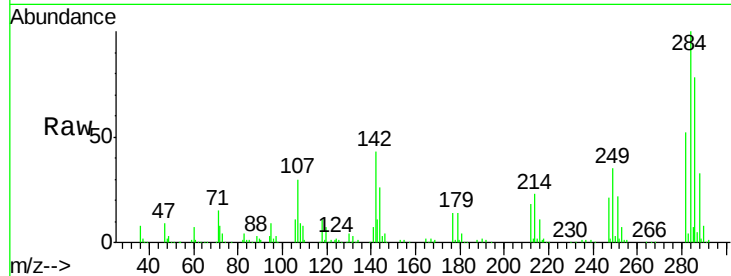
#67
Hexachlorobenzene
Concen: 38.98 ng
RT: 14.11 min Scan# 1096
Delta R.T. -0.05 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.0	16.7	25.1#	
249	35.0	21.3	31.9#	

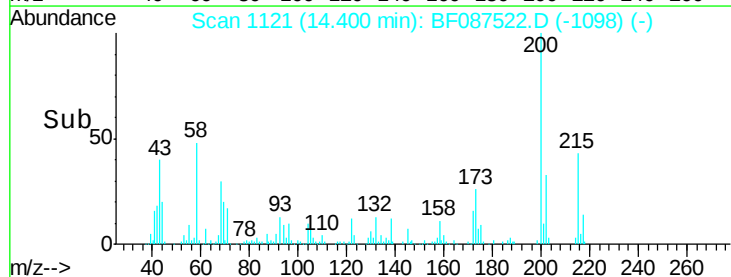
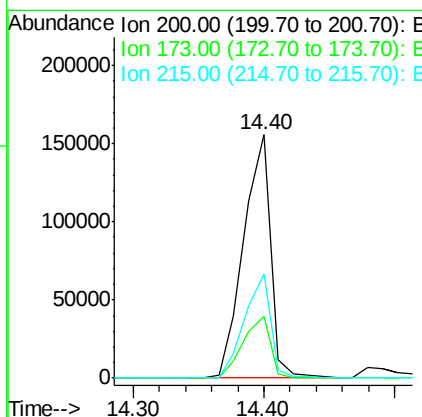
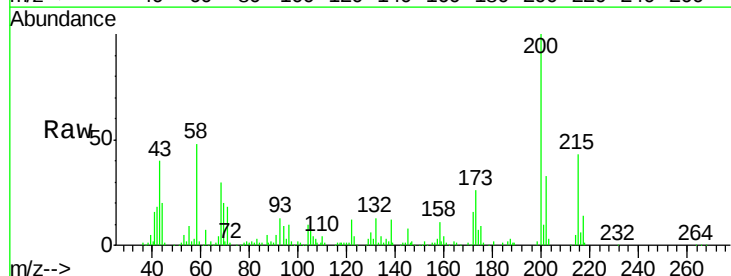
Manual Integrations
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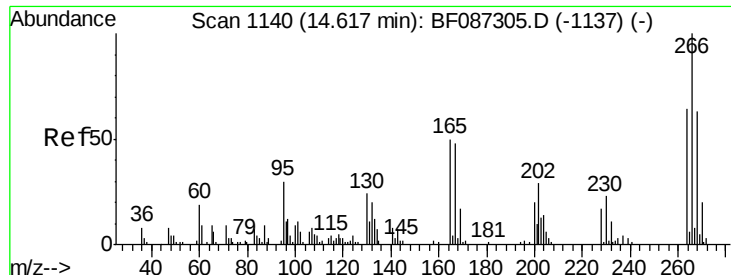
umangi
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#68
Atrazine
Concen: 31.59 ng
RT: 14.40 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.7	8.5	48.5	
215	42.7	27.2	67.2	





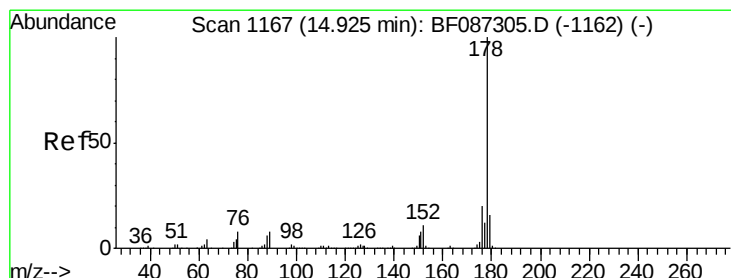
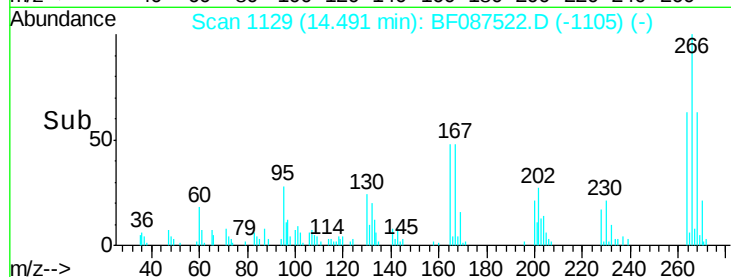
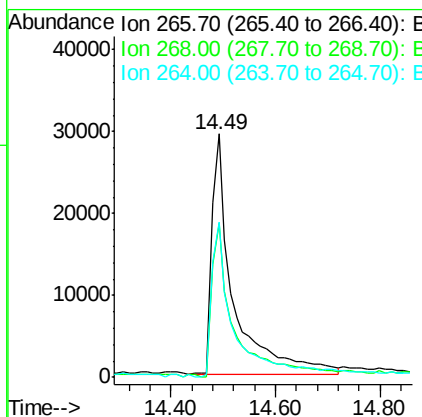
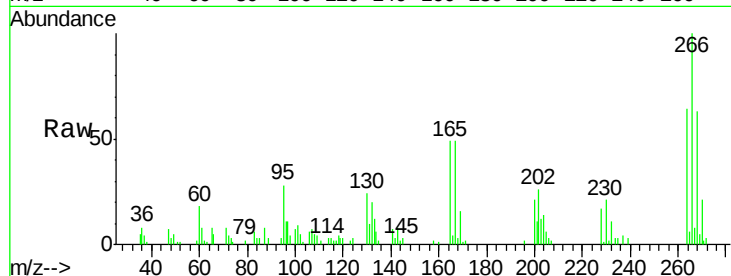
#69
 Pentachlorophenol
 Concen: 37.40 ng
 RT: 14.49 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.5	77.3
264	63.5	52.9	79.3

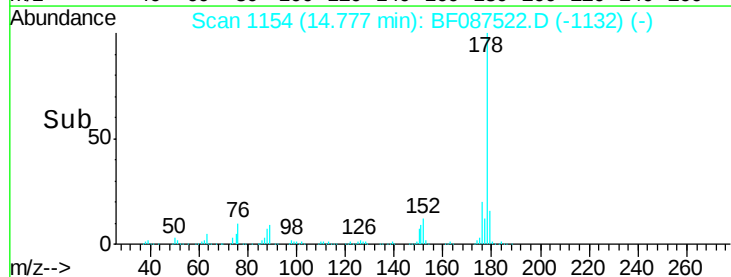
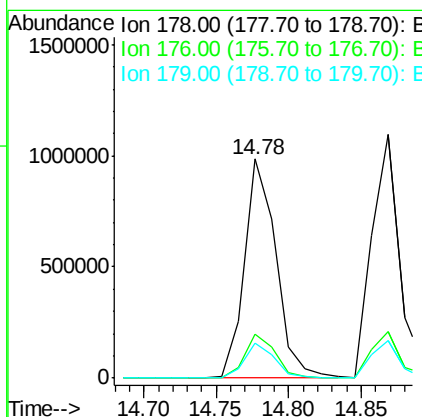
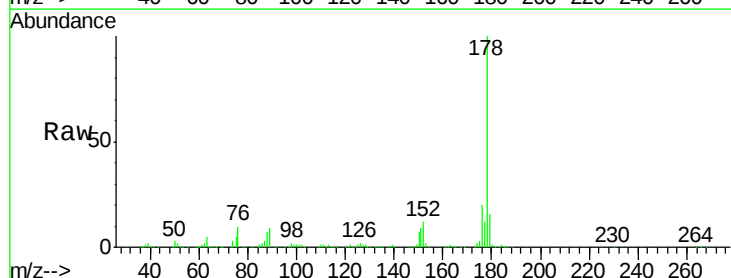
Manual Integrations
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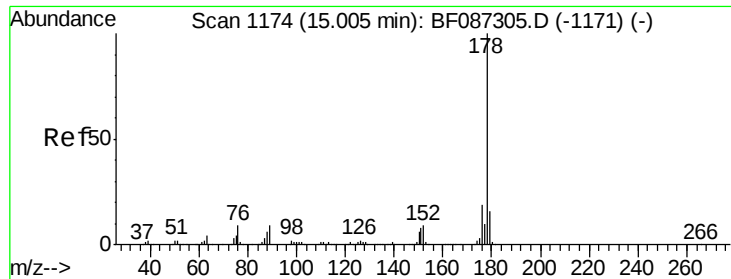
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#70
 Phenanthrene
 Concen: 38.83 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.05 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.8	12.6	18.8





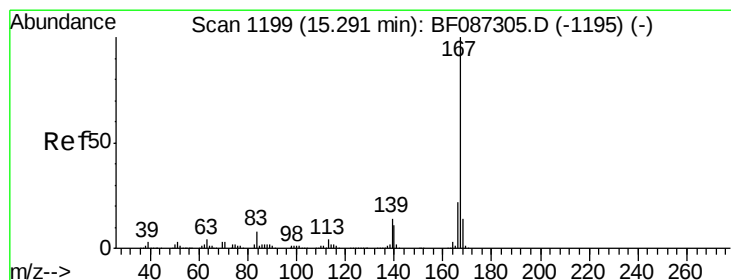
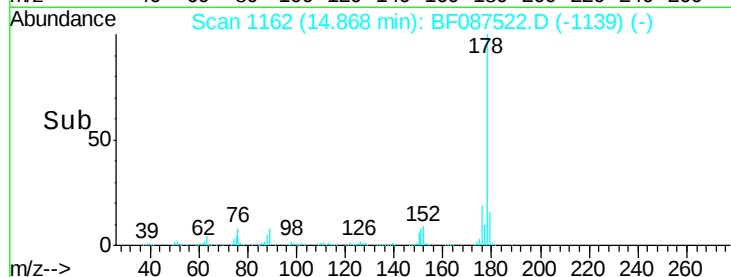
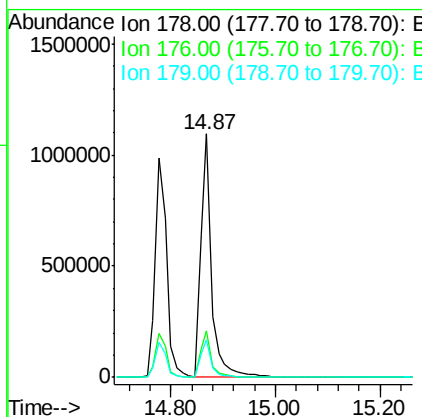
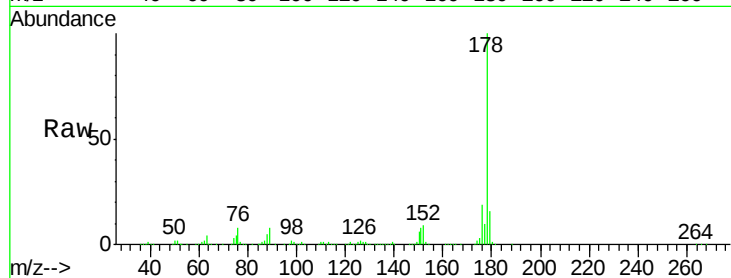
#71
 Anthracene
 Concen: 40.77 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.03 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1576615
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.6 12.7 19.1

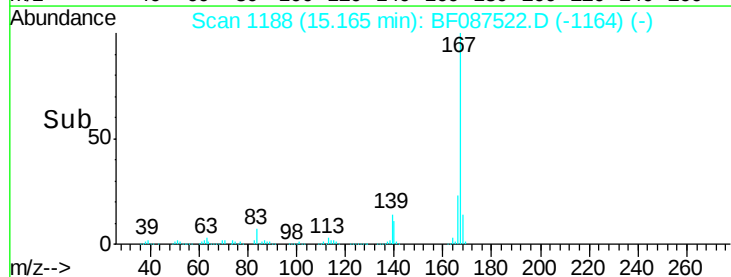
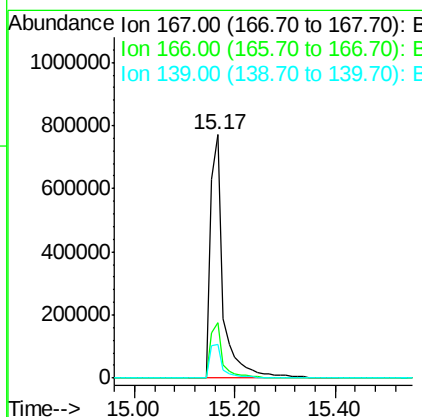
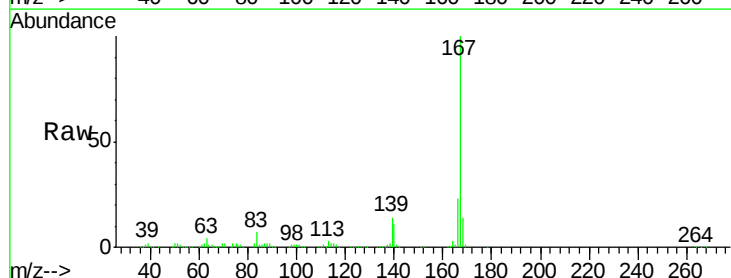
Manual Integrations
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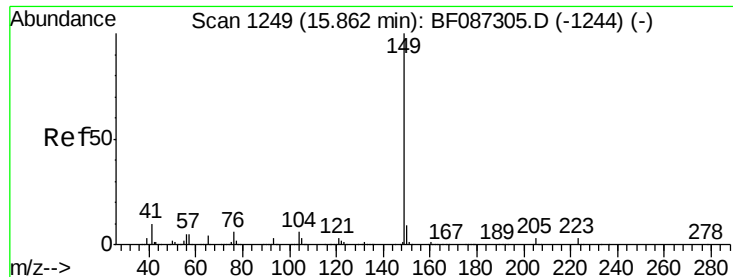
umangi
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#72
 Carbazole
 Concen: 40.96 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion:167 Resp: 1350883
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 38.79 ng

RT: 15.73 min Scan# 1237

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1654542

Ion Ratio Lower Upper

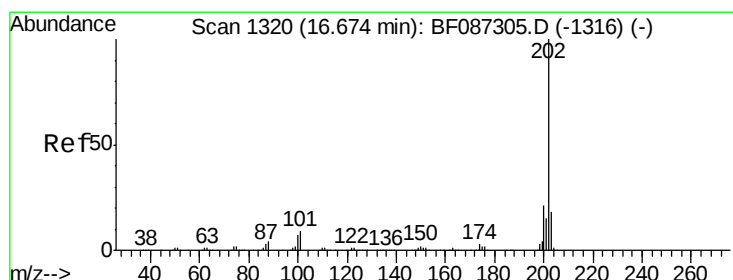
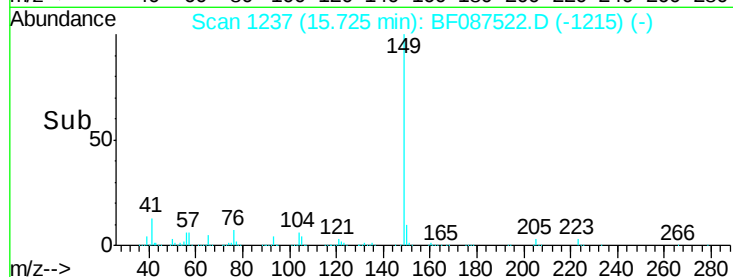
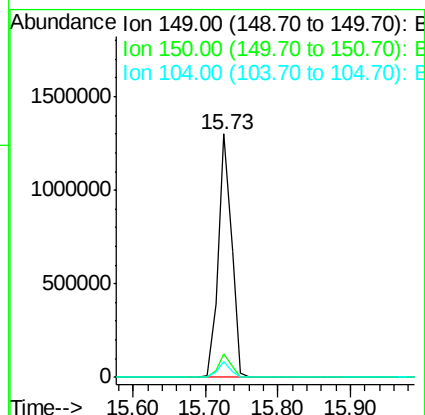
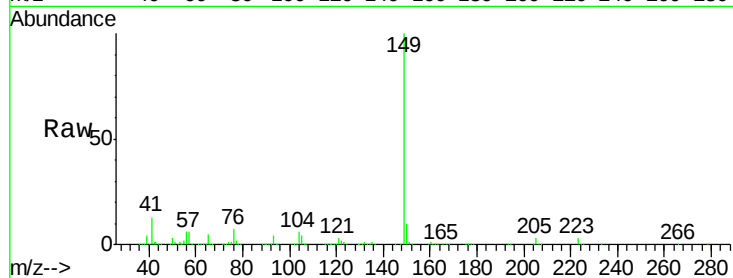
149 100

150 9.6 7.6 11.4

104 6.5 3.8 5.6#

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#74

Fluoranthene

Concen: 41.42 ng

RT: 16.55 min Scan# 1309

Delta R.T. -0.03 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

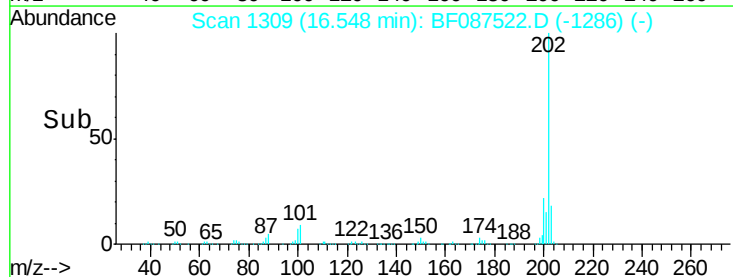
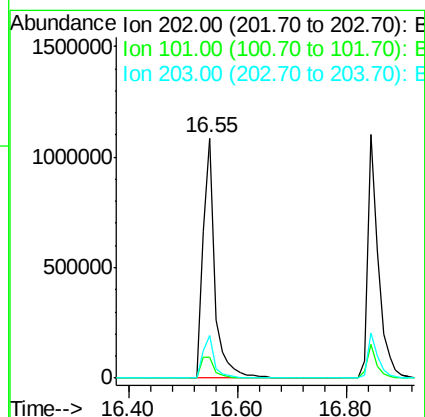
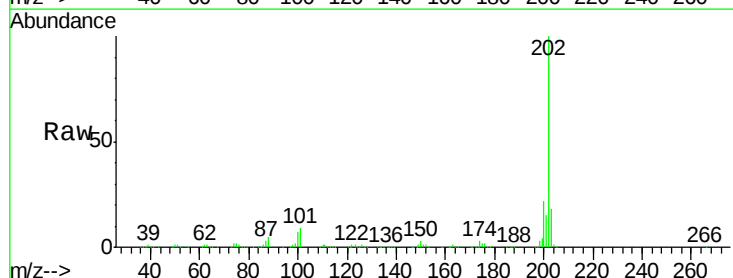
Tgt Ion:202 Resp: 1589626

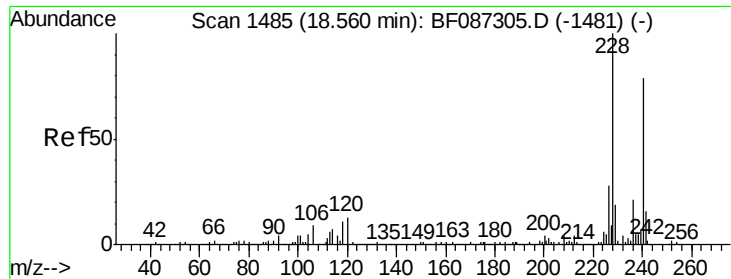
Ion Ratio Lower Upper

202 100

101 8.8 0.0 35.4

203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

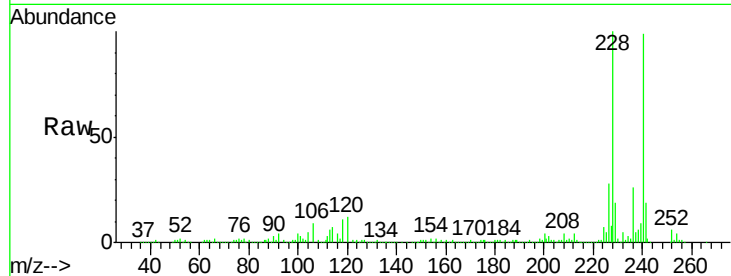
ClientSampleId :

SSTDCCC040

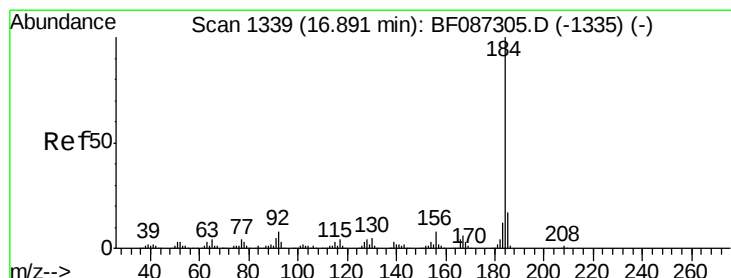
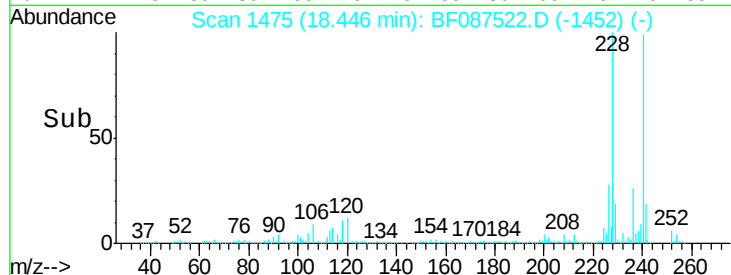
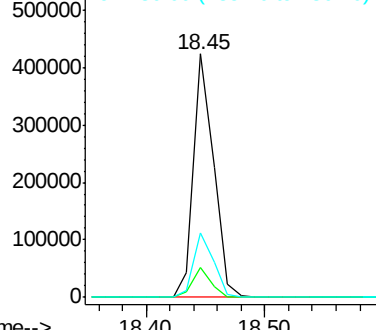
Tot Ion:	240	Resp:	494330
Ion Ratio	Lower	Upper	
240	100		
120	12.4	11.2	16.8
236	26.3	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.27 ng

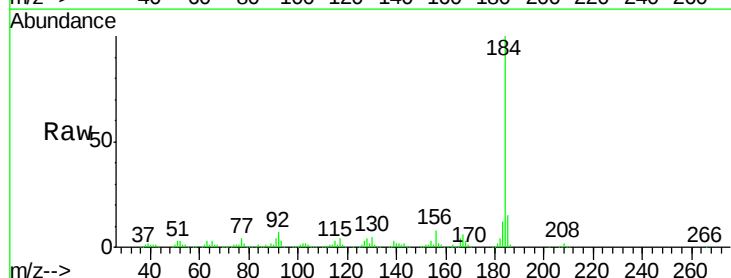
RT: 16.78 min Scan# 1329

Delta R.T. -0.03 min

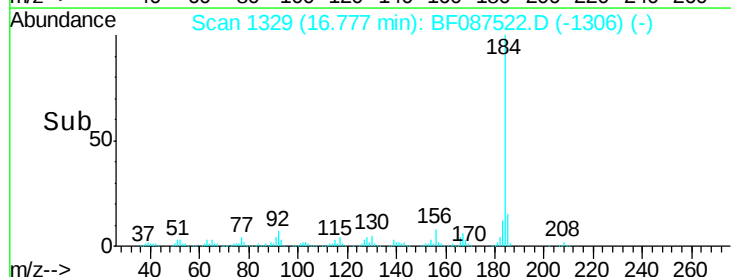
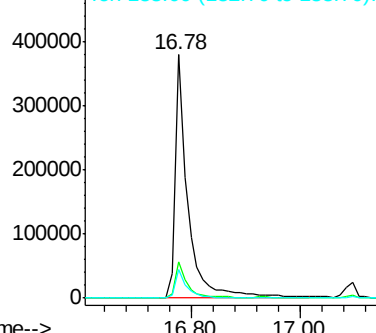
Lab File: BF087522.D

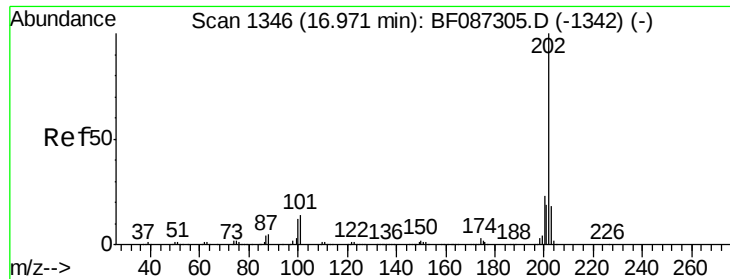
Acq: 29 May 2016 21:06

Tgt Ion:	184	Resp:	613920
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.6	20.4
183	11.8	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





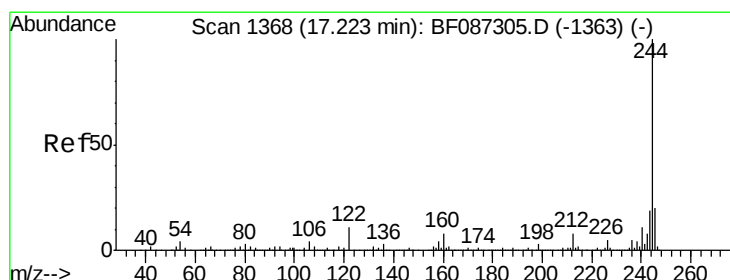
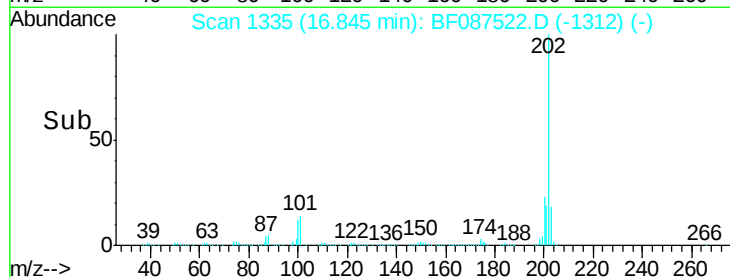
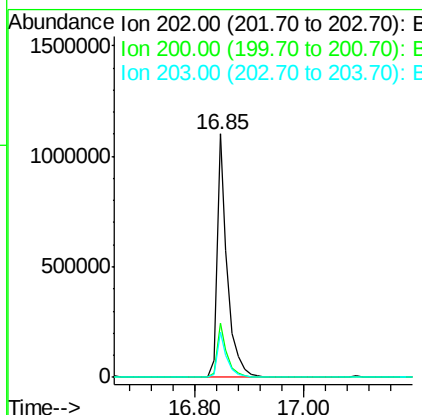
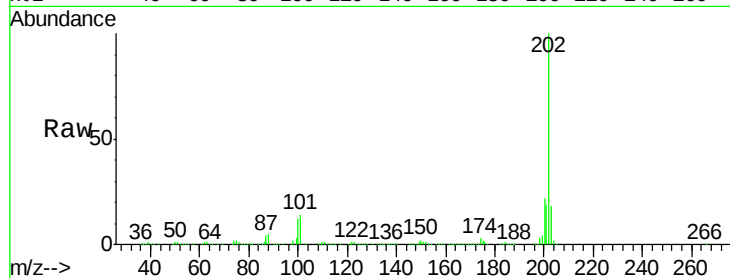
#77
Pvrene
Concen: 40.89 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.3	14.2	21.4

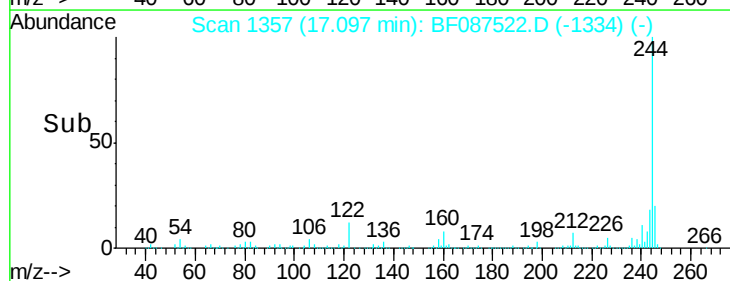
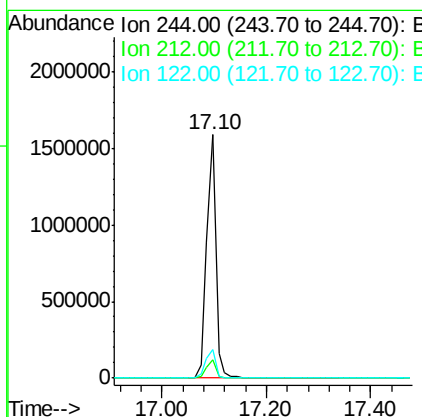
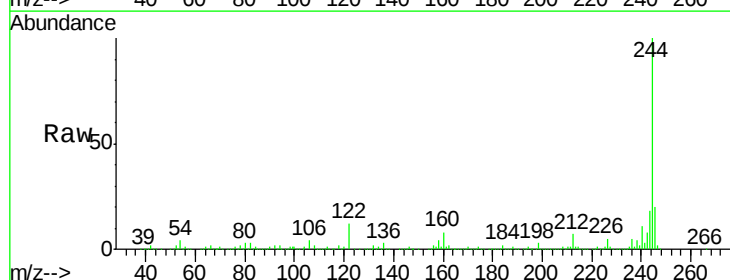
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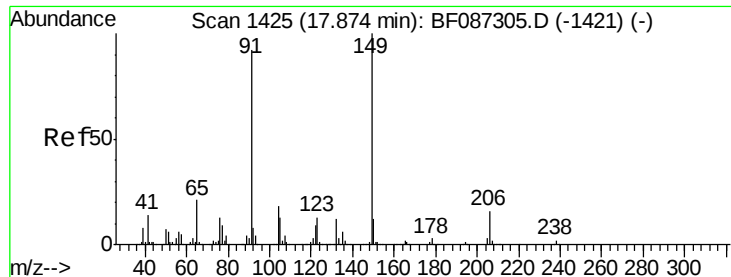
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#78
Terphenyl-d14
Concen: 82.80 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.03 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	11.8	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 44.71 ng

RT: 17.76 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

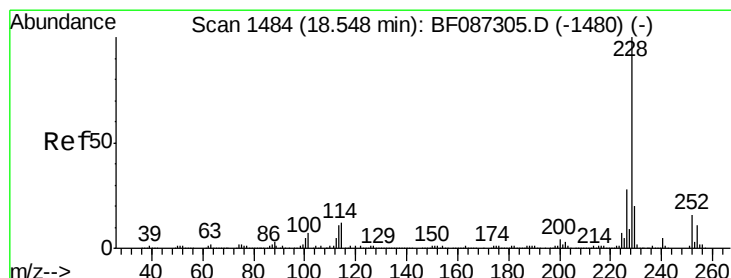
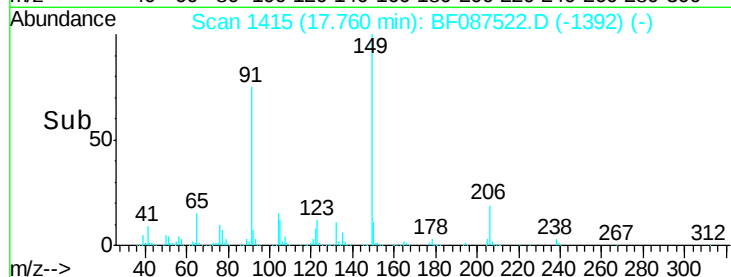
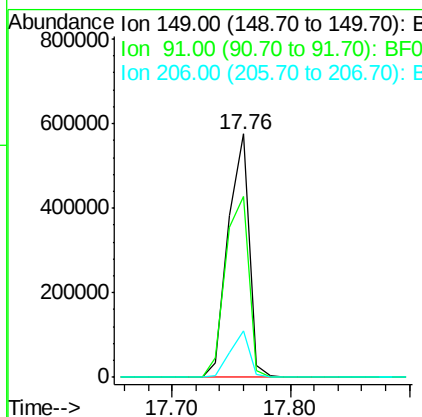
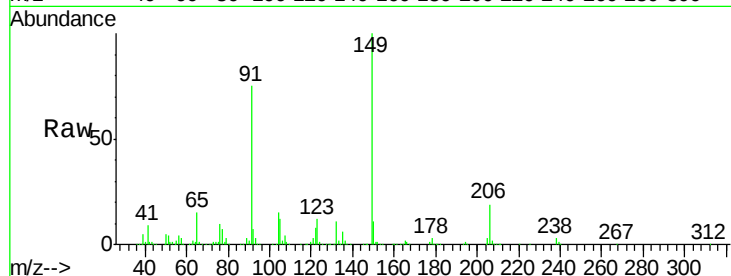
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	705568
Ion Ratio	Lower	Upper	
149	100		
91	74.5	48.0	72.0#
206	19.1	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 38.55 ng

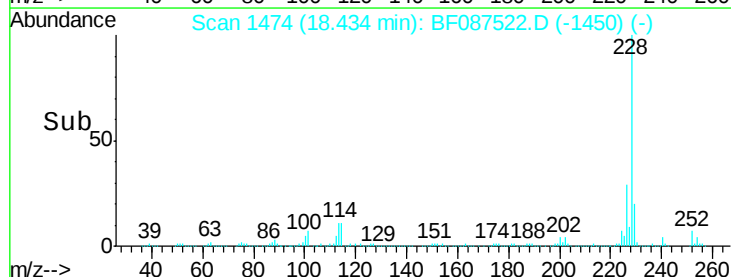
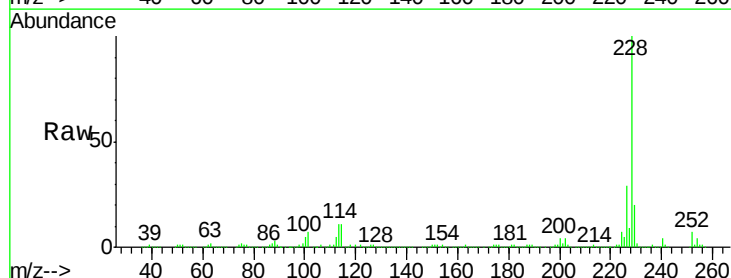
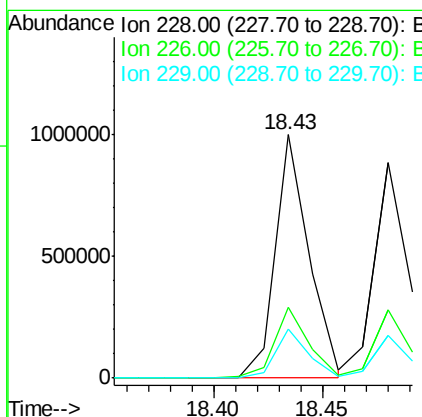
RT: 18.43 min Scan# 1474

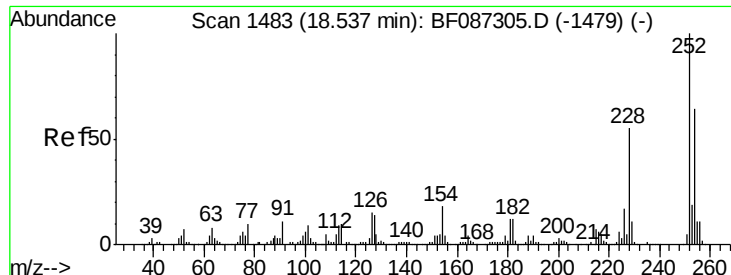
Delta R.T. -0.02 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Tgt Ion:	228	Resp:	1083824
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.5	33.7
229	20.3	16.6	25.0





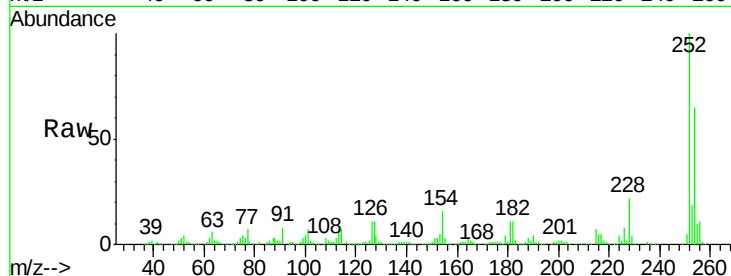
#81
 3,3'-Dichlorobenzidine
 Concen: 42.83 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. -0.03 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

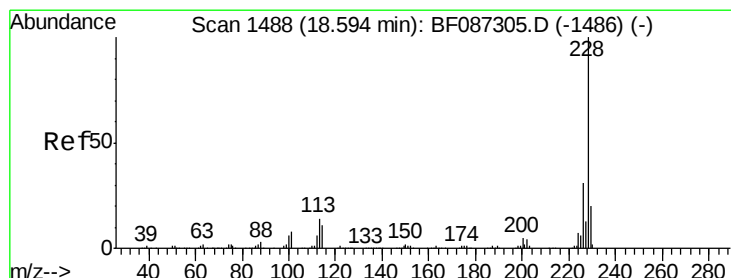
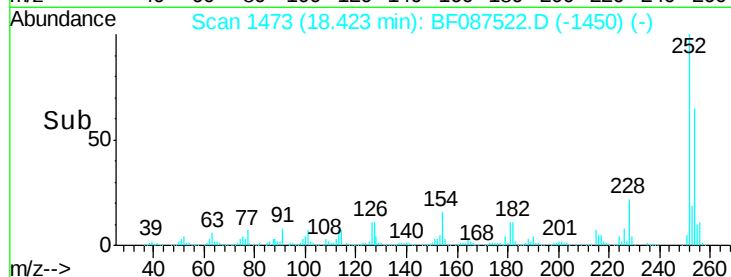
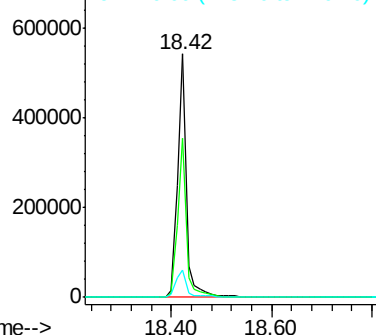
Tot Ion	Ratio	Resp	Lower	Upper
252	100	665350		
254	65.1		50.7	76.1
126	11.1		12.7	19.1

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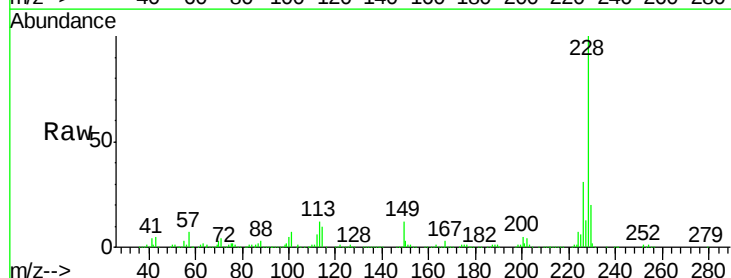


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

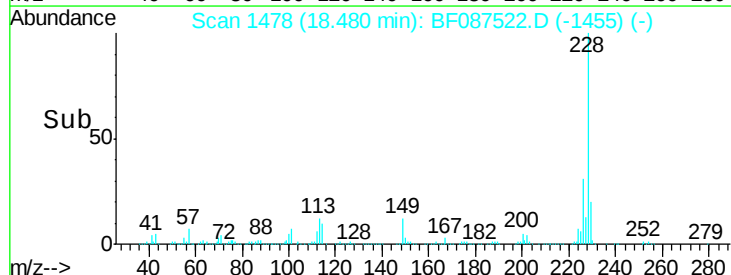
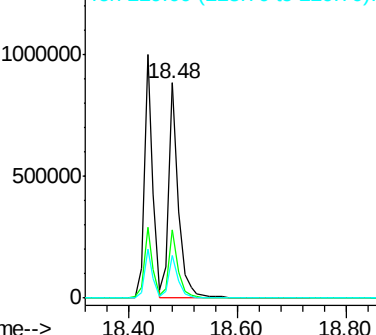


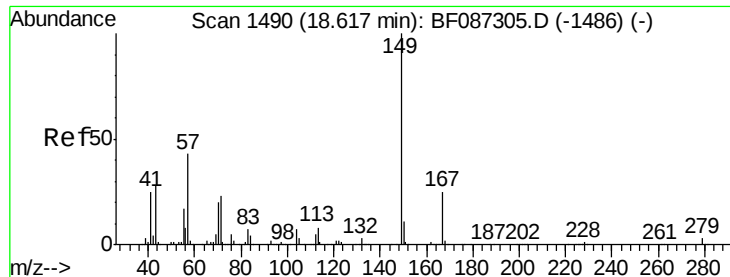
#82
 Chrysene
 Concen: 38.48 ng
 RT: 18.48 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1073967		
226	31.4		24.4	36.6
229	19.9		15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.45 ng

RT: 18.49 min Scan# 1479

Delta R.T. -0.05 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

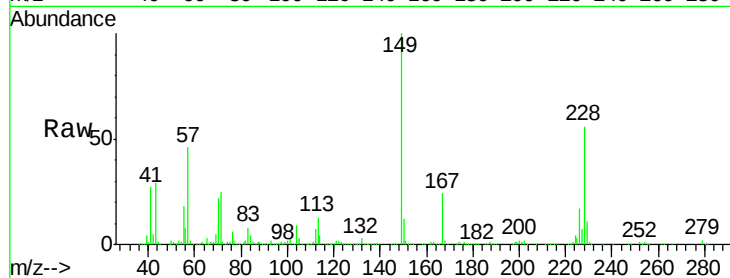
ClientSampleId :

SSTDCCC040

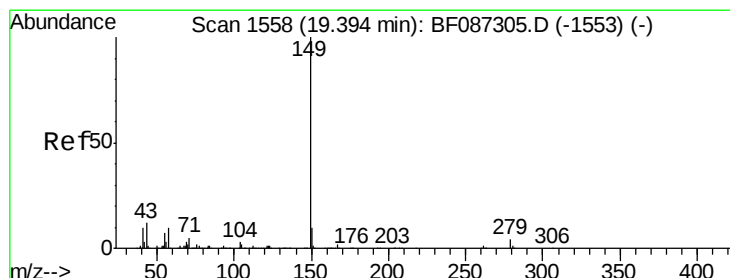
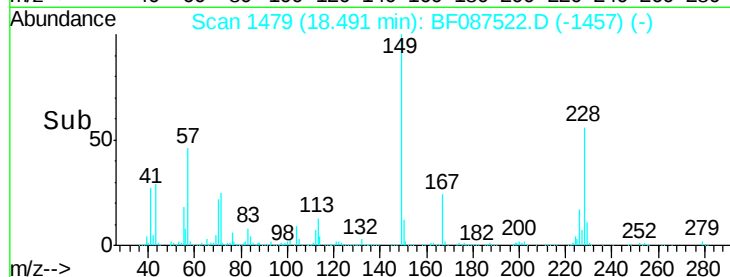
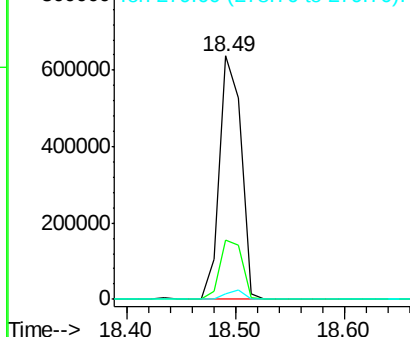
Tot Ion:	149	Resp:	885236
Ion Ratio	Lower	Upper	
149	100		
167	24.4	21.8	32.6
279	2.3	2.6	4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.96 ng

RT: 19.27 min Scan# 1547

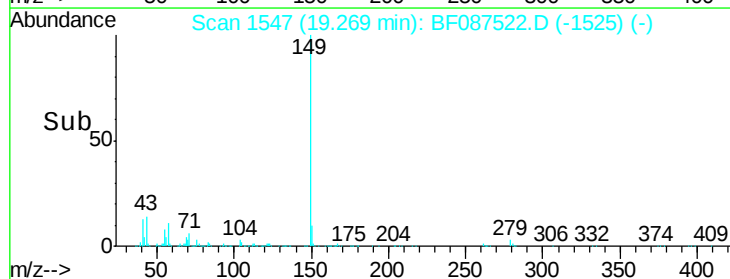
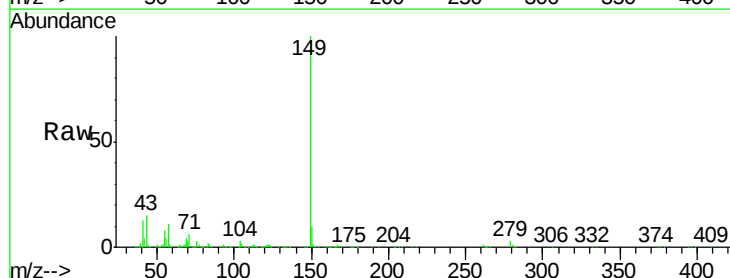
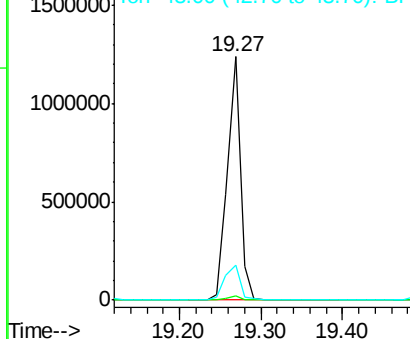
Delta R.T. -0.05 min

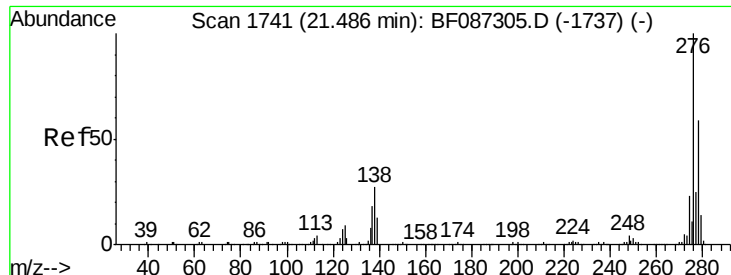
Lab File: BF087522.D

Acq: 29 May 2016 21:06

Tgt Ion:	149	Resp:	1368099
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	17.5	8.2	12.4#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





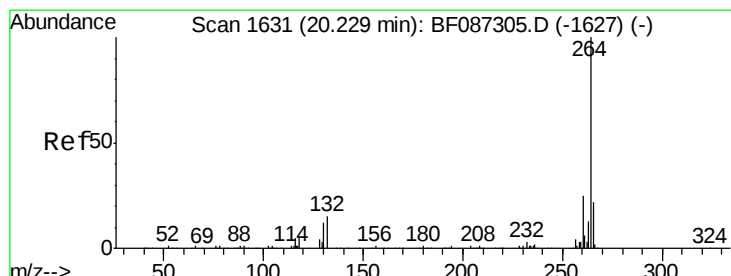
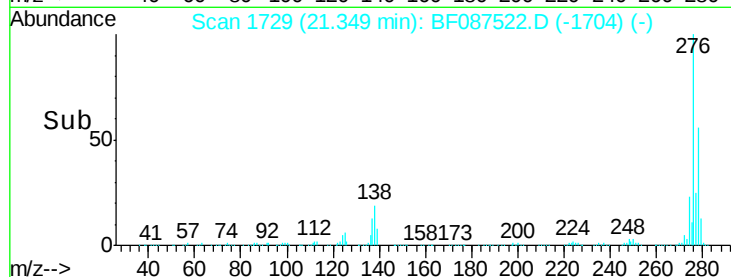
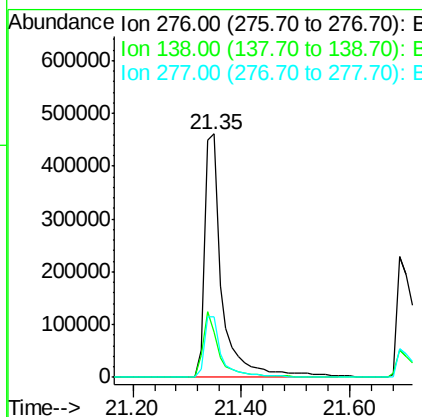
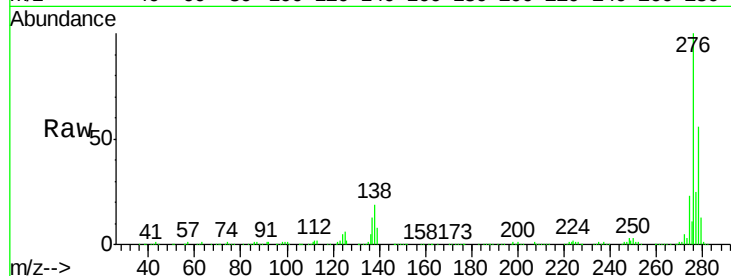
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.72 ng
RT: 21.35 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.6	38.4#
277	25.5	20.5	30.7

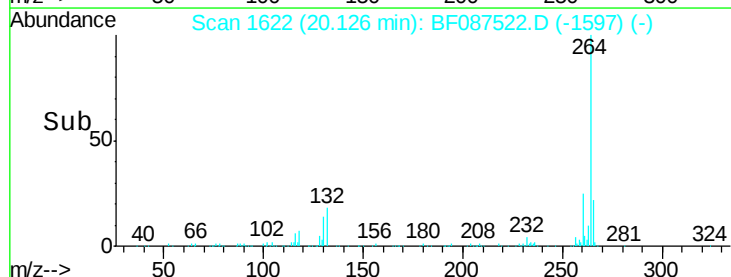
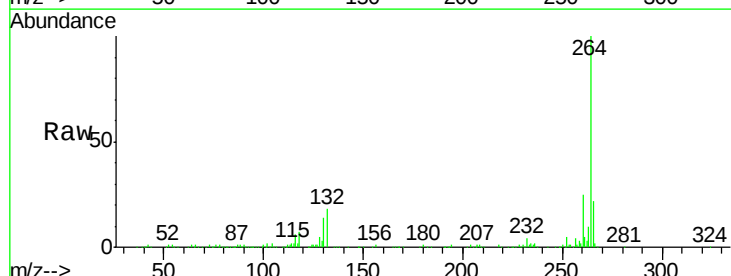
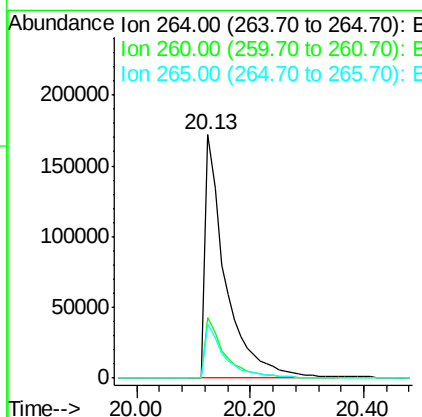
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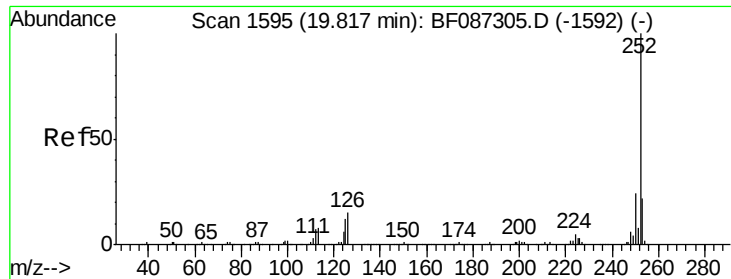
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 33.10 ng m

RT: 19.71 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF087522.D

Acq: 29 May 2016 21:06

Instrument :

BNA_F

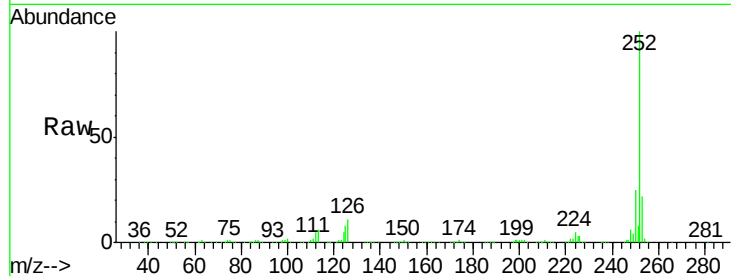
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.5	11.4	17.0

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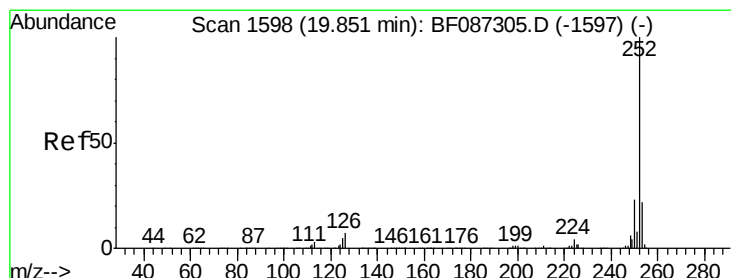
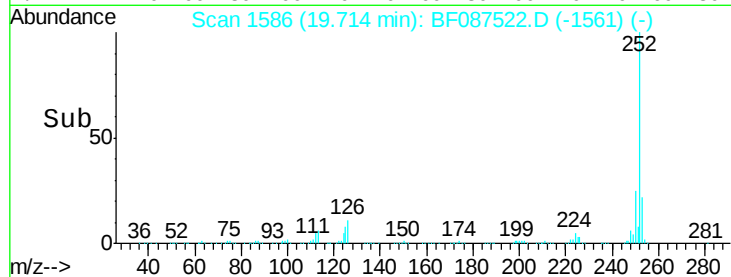
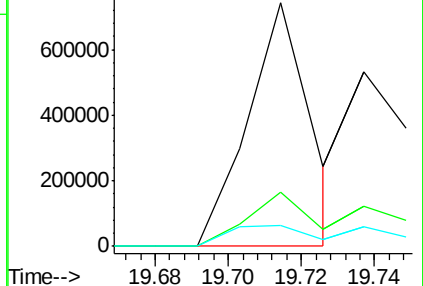
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.45 ng m

RT: 19.74 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF087522.D

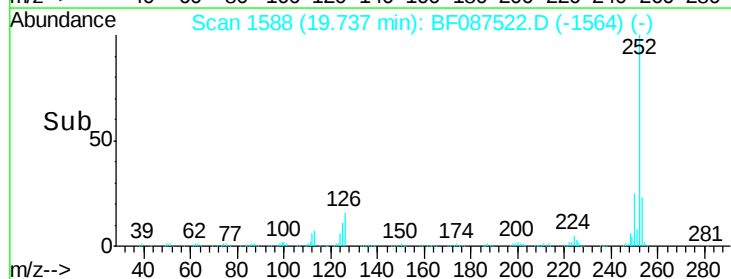
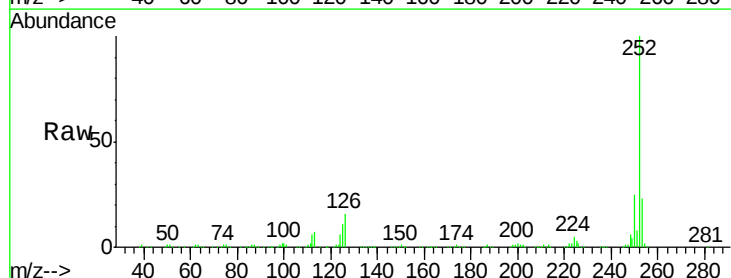
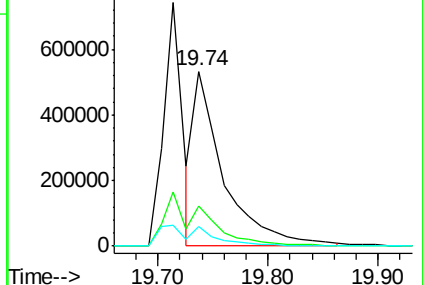
Acq: 29 May 2016 21:06

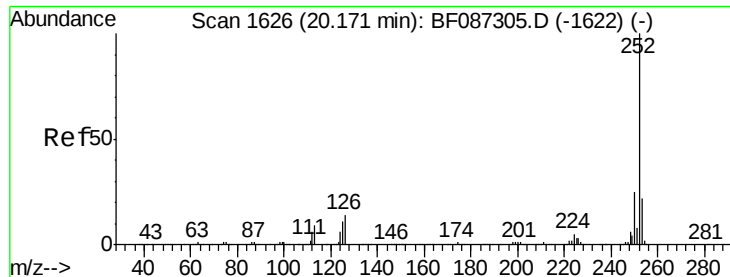
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.5	9.1	13.7

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





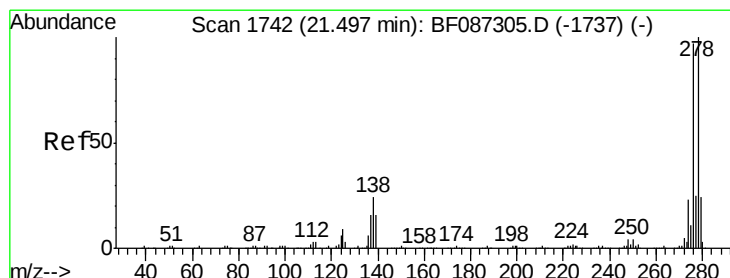
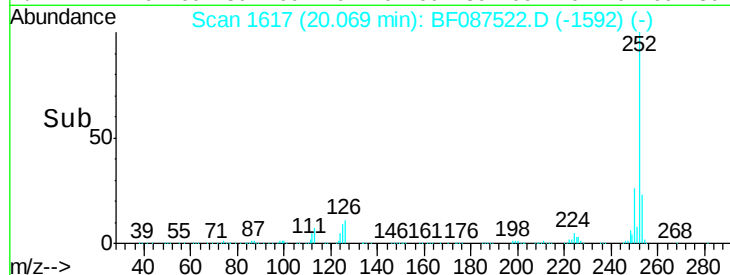
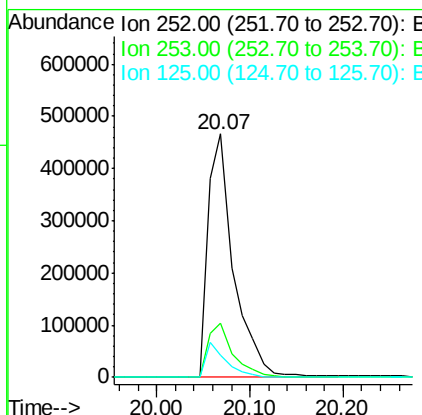
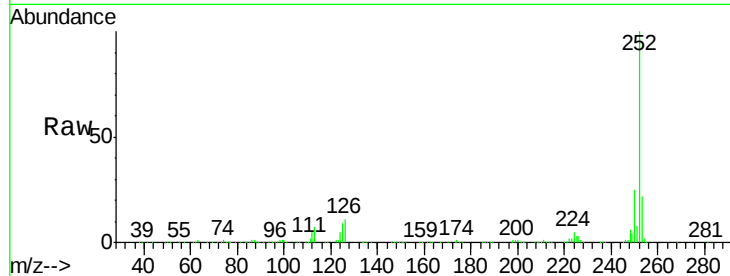
#89
Benzo(a)pyrene
Concen: 38.79 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.2	9.0	13.6

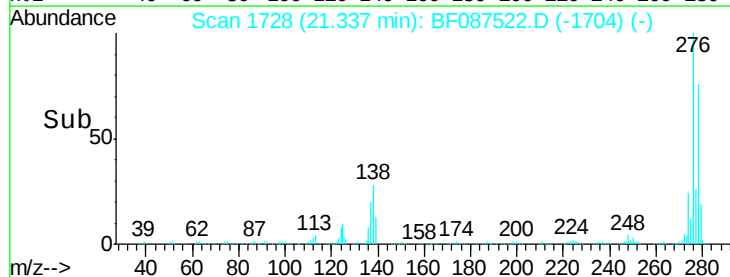
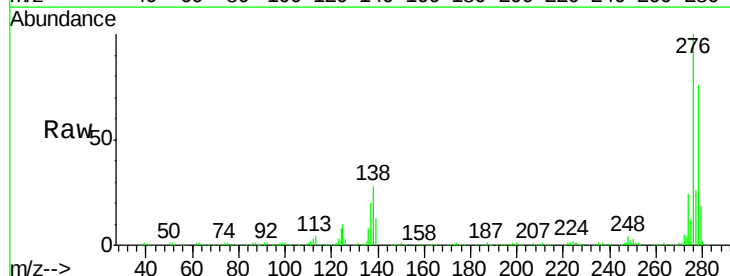
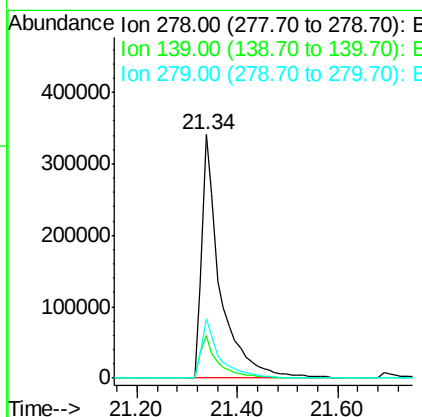
Manual Integrations
APPROVED

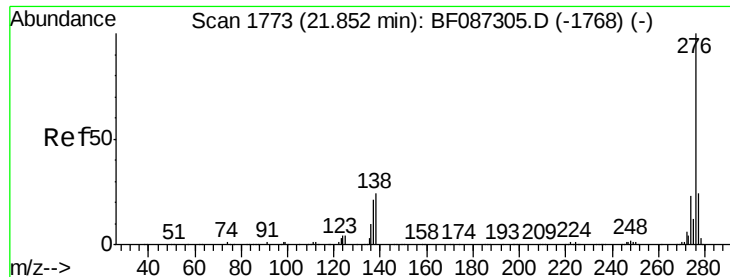
umangi
5/31/2016 7:40:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.23 ng
RT: 21.34 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BF087522.D
Acq: 29 May 2016 21:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.6	24.8
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.52 ng
 RT: 21.69 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BF087522.D
 Acq: 29 May 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	19.6	29.4
138	22.6	23.6	35.4

Manual Integrations
 APPROVED

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