

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086245.D
 Acq On : 16 Apr 2016 5:36
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:30:50 PM

Quant Time: Apr 18 04:22:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	279907	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1115744	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	509928	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	869702	20.00	ng	0.00
75) Chrysene-d12	14.05	240	494285	20.00	ng	0.00
86) Perylene-d12	15.48	264	431889	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1231275	72.07	ng	0.00
7) Phenol-d6	6.52	99	1600895	74.92	ng	0.00
23) Nitrobenzene-d5	7.46	82	1476522	76.33	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	331613	80.99	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2180723	78.91	ng	0.00
78) Terphenyl-d14	13.00	244	1616574	82.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	361844	38.41	ng	98
3) Pyridine	3.25	79	900363	36.65	ng	94
4) n-Nitrosodimethylamine	3.18	42	347399	39.14	ng	# 71
6) Aniline	6.56	93	1181747	38.37	ng	98
8) 2-Chlorophenol	6.68	128	745278	38.56	ng	# 77
9) Benzaldehyde	6.44	77	610381	40.26	ng	97
10) Phenol	6.53	94	1002676	39.40	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	746082	38.97	ng	100
12) 1,3-Dichlorobenzene	6.83	146	774513	37.77	ng	99
13) 1,4-Dichlorobenzene	6.91	146	750430	38.41	ng	99
14) 1,2-Dichlorobenzene	7.07	146	717155	41.36	ng	98
15) Benzyl Alcohol	7.04	79	598170	39.46	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1180269	39.57	ng	100
17) 2-Methylphenol	7.15	107	647513	40.21	ng	95
18) Hexachloroethane	7.41	117	292847	39.74	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	456225	33.36	ng	# 81
20) 3+4-Methylphenols	7.30	107	642033	35.59	ng	98
22) Acetophenone	7.31	105	898700	42.67	ng	# 99
24) Nitrobenzene	7.48	77	909624	43.01	ng	98
25) Isophorone	7.72	82	1472056	38.35	ng	99
26) 2-Nitrophenol	7.80	139	382937	41.53	ng	# 63
27) 2,4-Dimethylphenol	7.84	122	745665	40.04	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	842716	37.34	ng	# 97
29) 2,4-Dichlorophenol	8.03	162	557123	39.35	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	573829	38.73	ng	99
31) Naphthalene	8.20	128	1899264	38.12	ng	100
32) Benzoic acid	7.94	122	474417	39.85	ng	98
33) 4-Chloroaniline	8.25	127	815074	36.60	ng	99
34) Hexachlorobutadiene	8.33	225	294248	39.64	ng	97
35) Caprolactam	8.62	113	189025	36.87	ng	# 63
36) 4-Chloro-3-methylphenol	8.73	107	612934	37.36	ng	94
37) 2-Methylnaphthalene	8.90	142	1308685	40.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	458394	42.02	ng	98
40) Hexachlorocyclopentadiene	9.05	237	230443	38.34	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	389901	38.81	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	394552	40.66	nq	# 92
45) 1,1'-Biphenyl	9.36	154	1368287	37.27	nq	99
46) 2-Chloronaphthalene	9.38	162	1172328	39.12	nq	98
47) 2-Nitroaniline	9.47	65	369940	38.10	nq	99
48) Acenaphthylene	9.80	152	2003370	42.01	nq	99
49) Dimethylphthalate	9.66	163	1491629	40.23	nq	99
50) 2,6-Dinitrotoluene	9.72	165	351172	42.80	nq	99
51) Acenaphthene	9.97	154	1182837	41.52	nq	99
52) 3-Nitroaniline	9.88	138	352861	35.39	nq	99
53) 2,4-Dinitrophenol	9.98	184	102915	36.37	nq	# 89
54) Dibenzofuran	10.14	168	1579587	41.99	nq	99
55) 4-Nitrophenol	10.03	139	271035	34.75	nq	95
56) 2,4-Dinitrotoluene	10.12	165	457048	43.52	nq	96
57) Fluorene	10.49	166	1087738	42.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	280470	39.80	nq	98
59) Diethylphthalate	10.36	149	1447143	37.81	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	458905	42.22	nq	97
61) 4-Nitroaniline	10.50	138	373406	43.34	nq	87
62) Azobenzene	10.64	77	1359064	36.30	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	169084	40.85	nq	# 84
65) n-Nitrosodiphenylamine	10.59	169	1009111	37.89	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	330379	40.76	nq	94
67) Hexachlorobenzene	11.02	284	335146	39.46	nq	95
68) Atrazine	11.13	200	343529	42.09	nq	91
69) Pentachlorophenol	11.22	266	210362	40.84	nq	99
70) Phenanthrene	11.45	178	1707275	41.10	nq	98
71) Anthracene	11.49	178	1653482	40.72	nq	99
72) Carbazole	11.64	167	1525309	38.61	nq	99
73) Di-n-butylphthalate	11.98	149	2045858	38.30	nq	100
74) Fluoranthene	12.62	202	1485967	41.07	nq	99
76) Benzidine	12.75	184	911845	47.56	nq	98
77) Pyrene	12.85	202	1492280	39.35	nq	100
79) Butylbenzylphthalate	13.48	149	828719	47.31	nq	95
80) Benzo(a)anthracene	14.04	228	979336	36.09	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	634793	40.36	nq	98
82) Chrysene	14.08	228	1094896	37.84	nq	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	802759	42.44	nq	99
84) Di-n-octyl phthalate	14.65	149	1389513	38.11	nq	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1204391	50.64	nq	97
87) Benzo(b)fluoranthene	15.07	252	931083	34.94	nq	99
88) Benzo(k)fluoranthene	15.11	252	971779m	40.00	nq	
89) Benzo(a)pyrene	15.43	252	924566	40.06	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	993168	48.69	nq	99
91) Benzo(g,h,i)perylene	17.32	276	1057966	48.78	nq	# 94

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

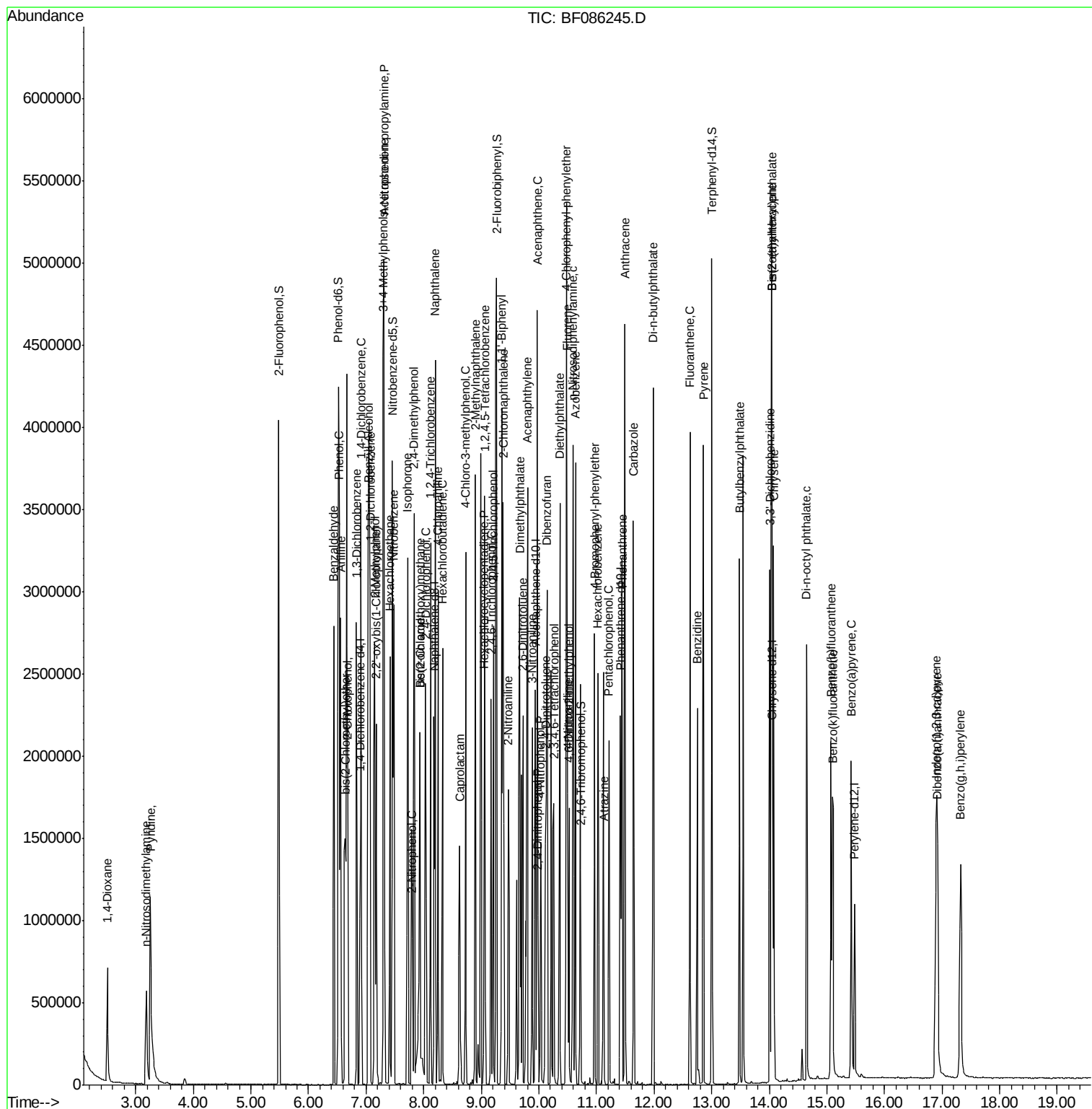
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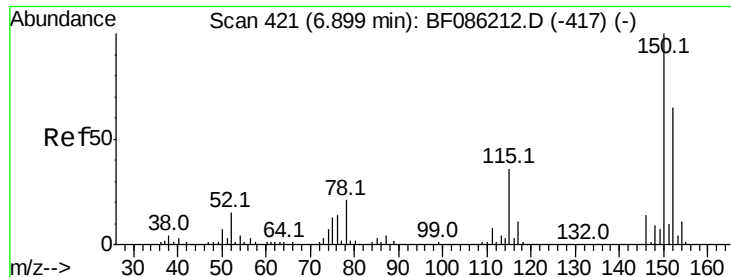
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#1

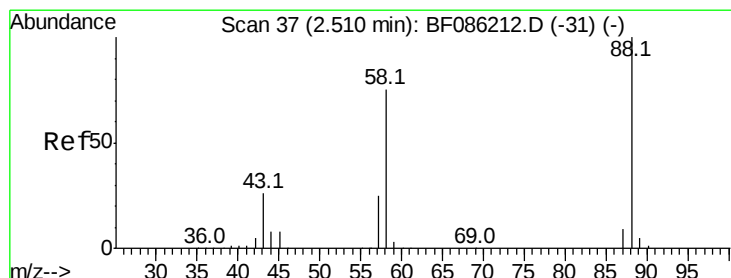
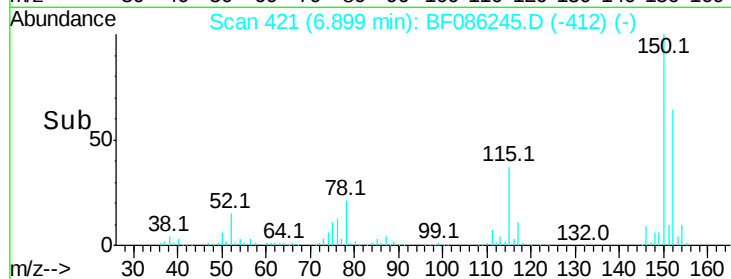
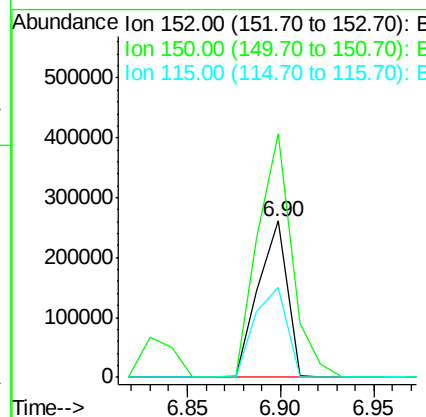
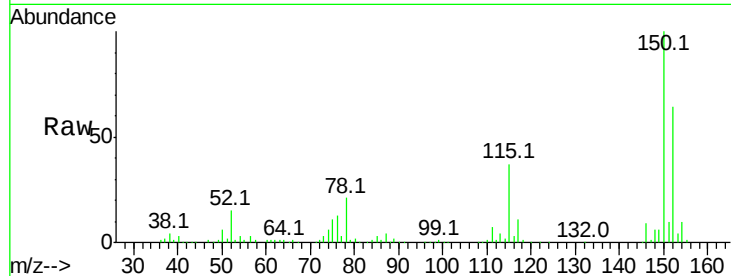
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	57.4	43.9	65.9

Manual Integrations
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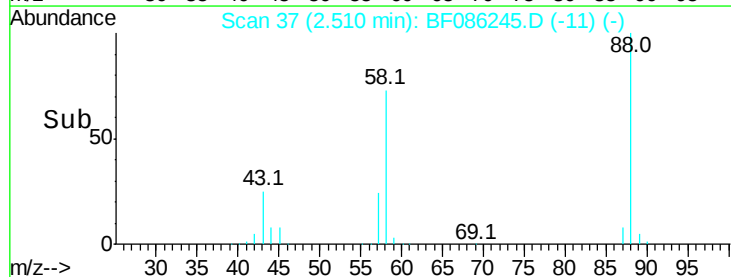
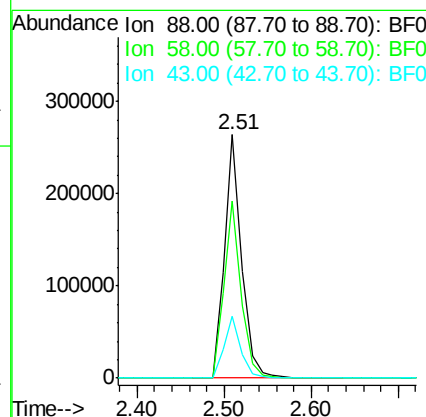
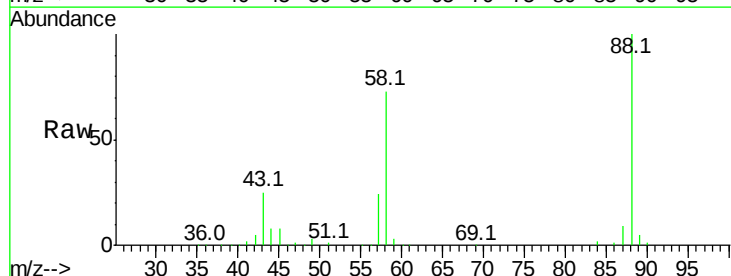
Sohil
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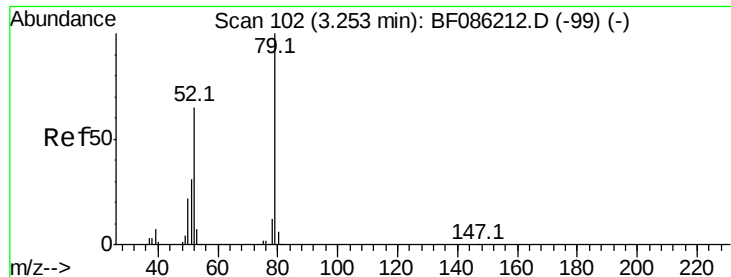


#2

1,4-Dioxane
Concen: 38.41 ng
RT: 2.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	58.4	87.6
43	25.1	23.3	34.9





#3

Pvridine

Concen: 36.65 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

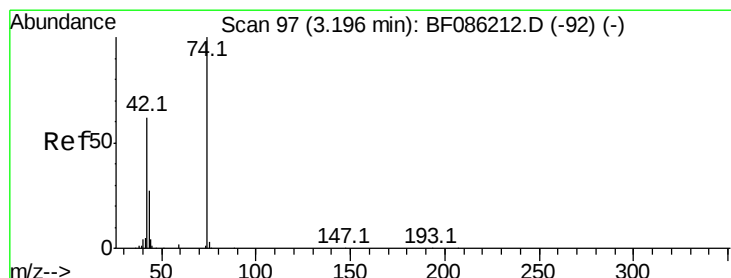
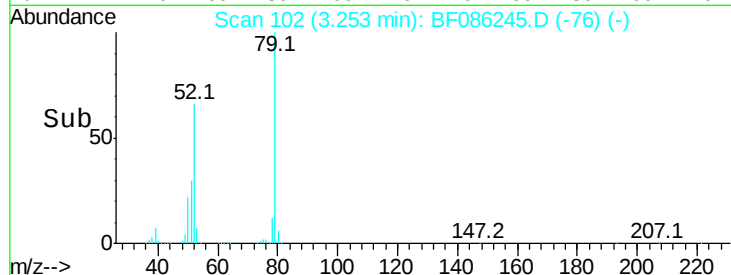
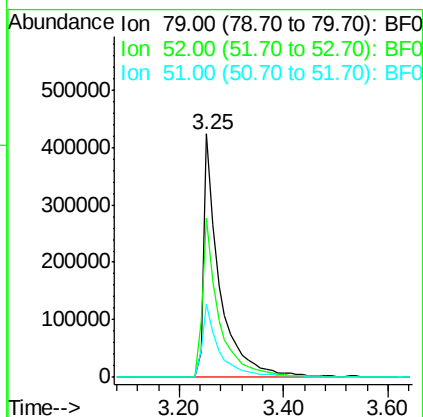
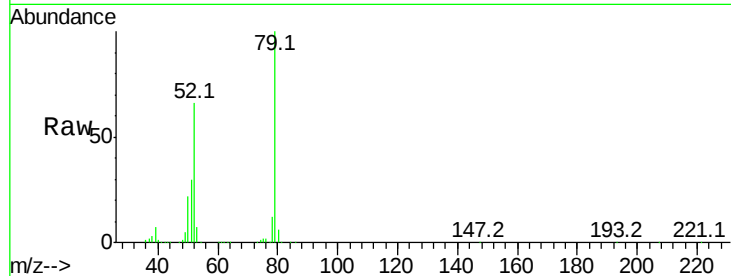
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	900363
Ion Ratio	Lower	Upper	
79	100		
52	65.5	55.4	83.2
51	30.0	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 39.14 ng

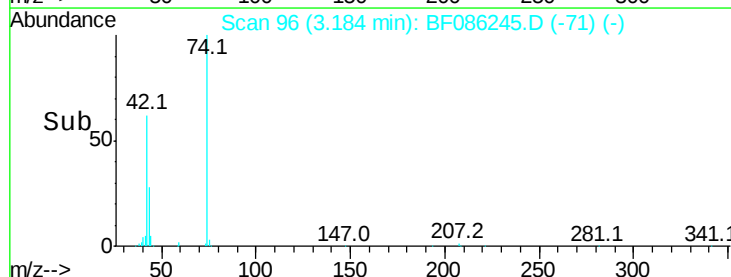
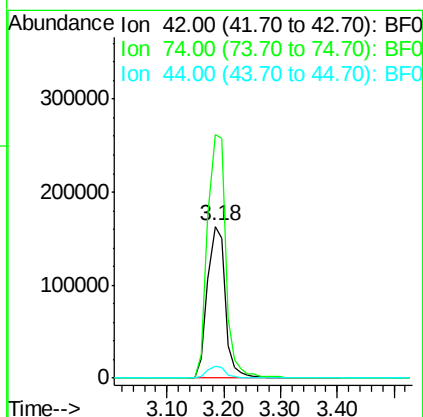
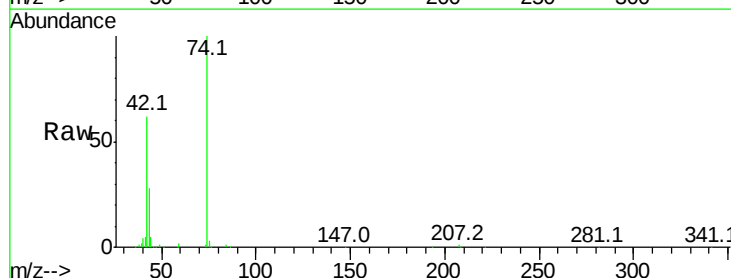
RT: 3.18 min Scan# 96

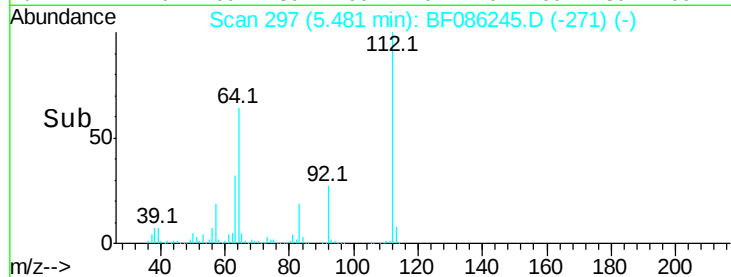
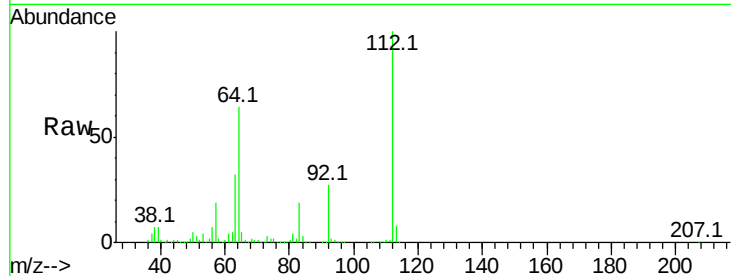
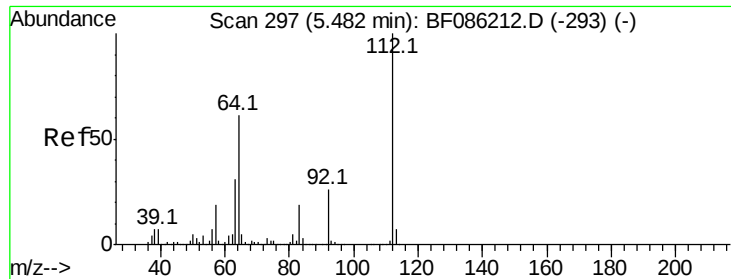
Delta R.T. -0.01 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion:	42	Resp:	347399
Ion Ratio	Lower	Upper	
42	100		
74	160.2	100.5	150.7#
44	7.9	5.4	8.0





#5

2-Fluorophenol

Concen: 72.07 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1231275

Ion Ratio Lower Upper

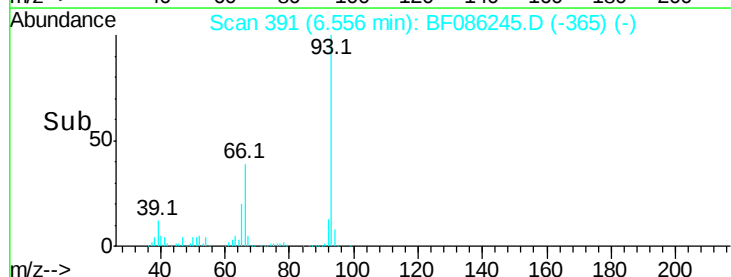
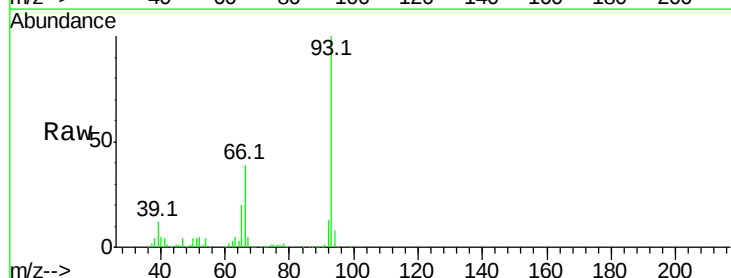
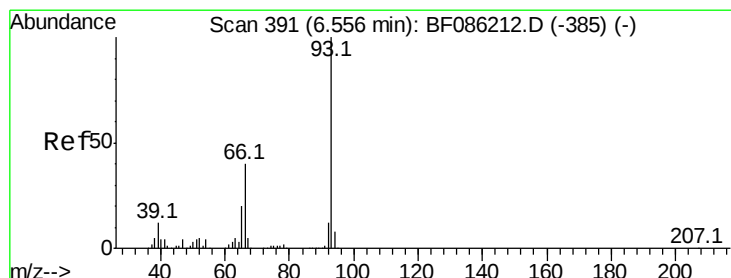
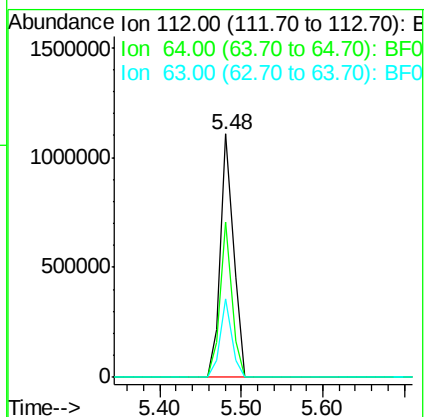
112 100

64 63.9 48.1 72.1

63 32.3 25.5 38.3

Manual Integrations
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#6

Aniline

Concen: 38.37 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

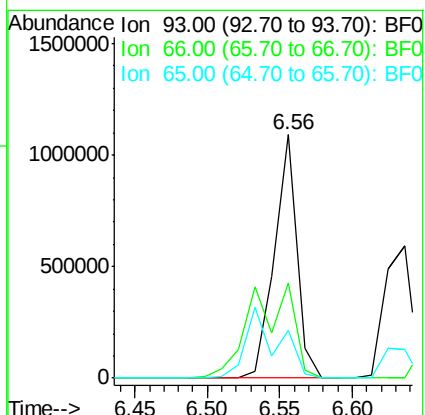
Tgt Ion: 93 Resp: 1181747

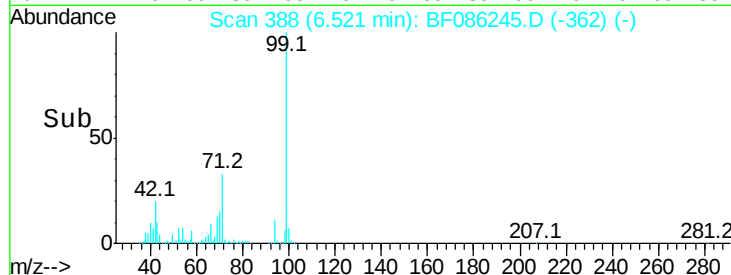
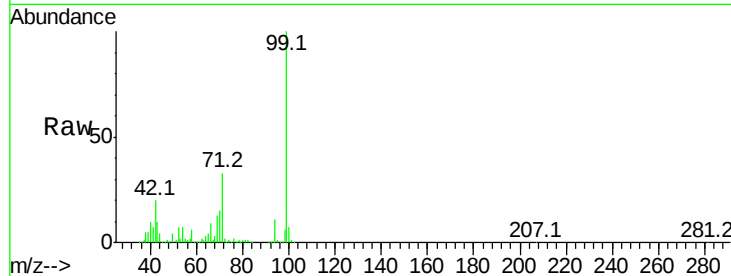
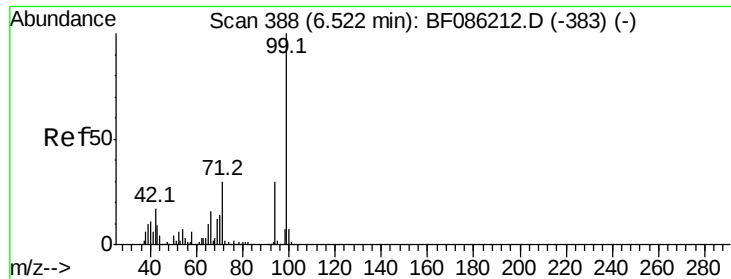
Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

65 19.6 16.4 24.6





#7

Phenol-d6

Concen: 74.92 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tot Ion: 99 Resp: 1600895

Ion Ratio Lower Upper

99 100

42 19.5 15.4 23.2

71 32.9 25.6 38.4

Instrument :

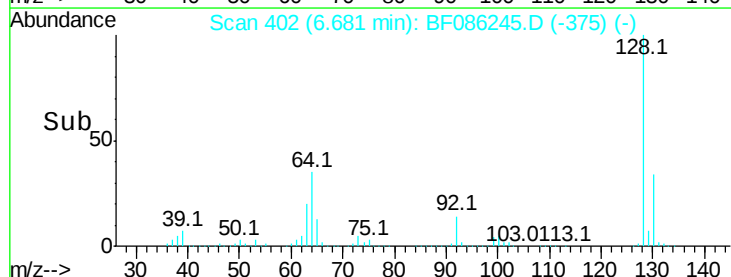
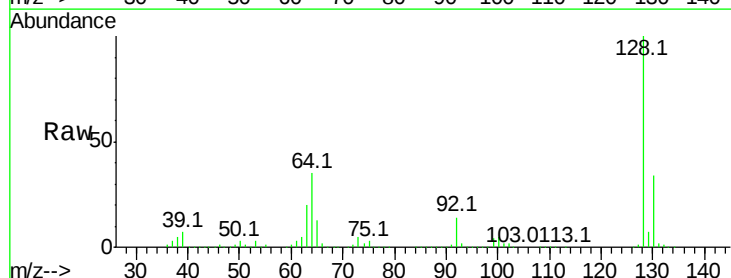
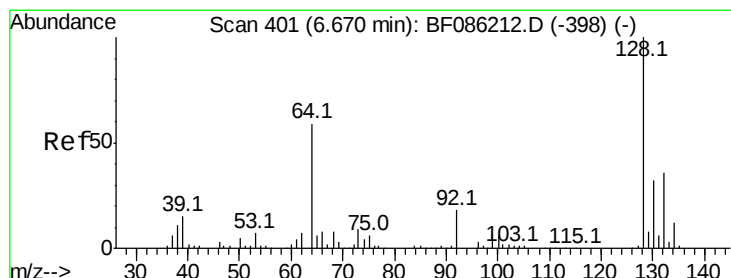
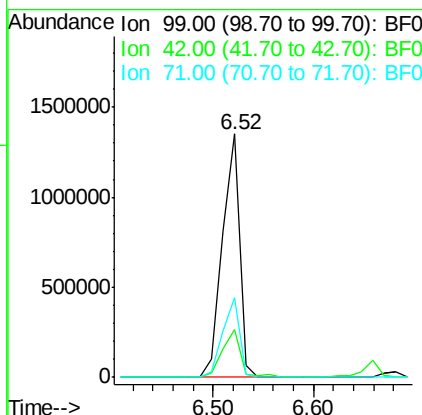
BNA_F

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 38.56 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

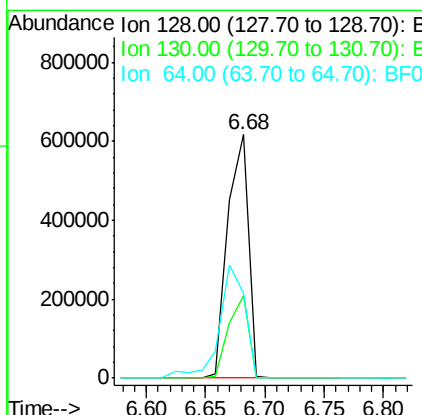
Tgt Ion:128 Resp: 745278

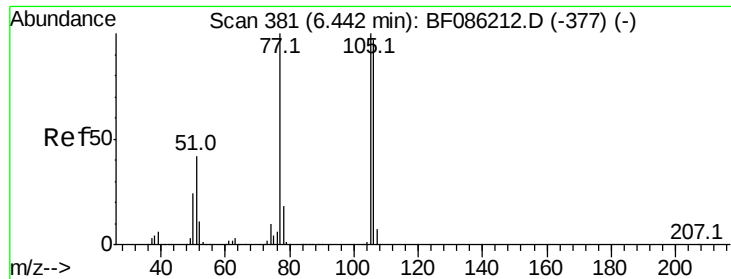
Ion Ratio Lower Upper

128 100

130 33.8 11.8 51.8

64 34.7 39.5 79.5#





#9

Benzaldehyde

Concen: 40.26 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

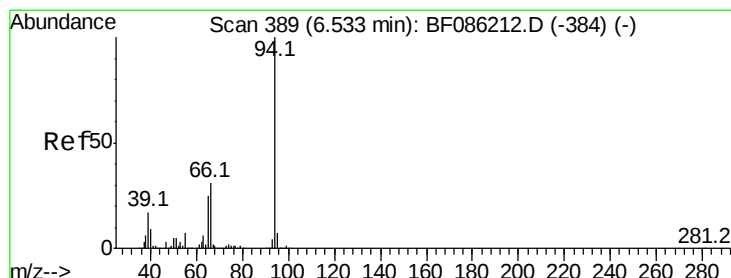
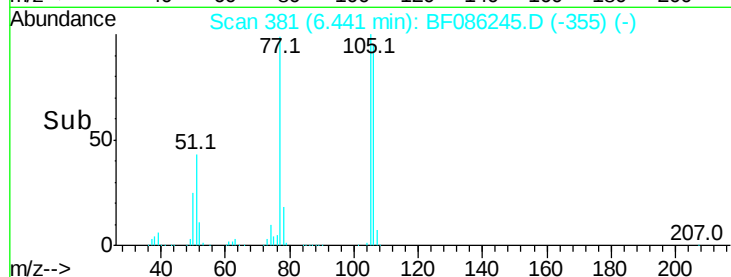
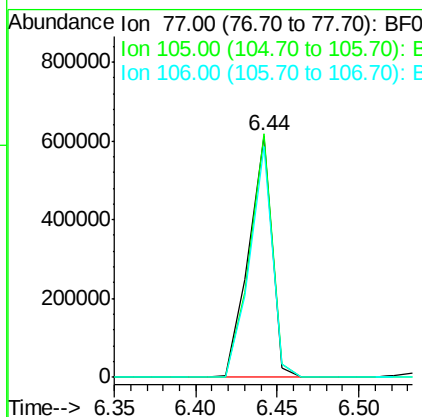
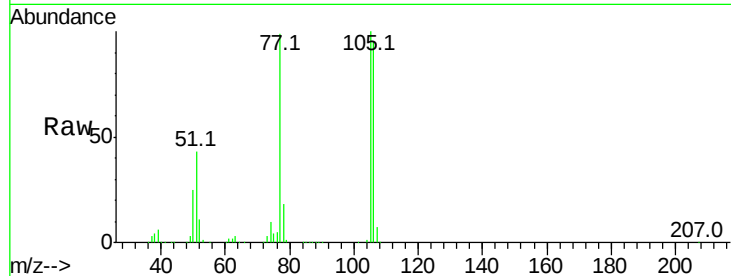
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.8	84.6	124.6
106	95.8	78.6	118.6

Manual Integrations
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#10

Phenol

Concen: 39.40 ng

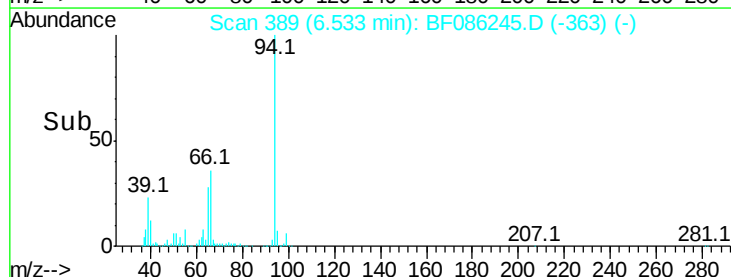
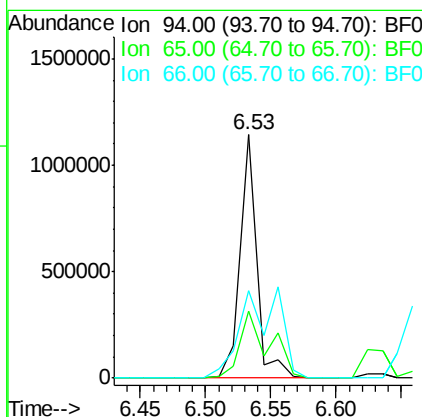
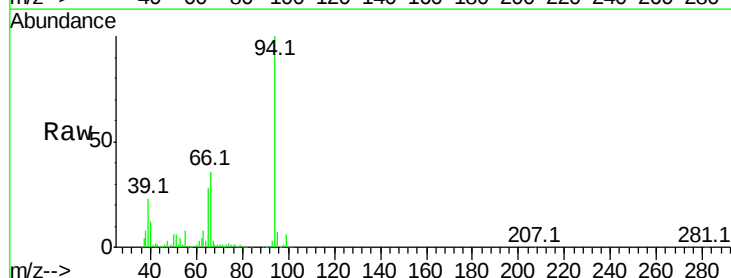
RT: 6.53 min Scan# 389

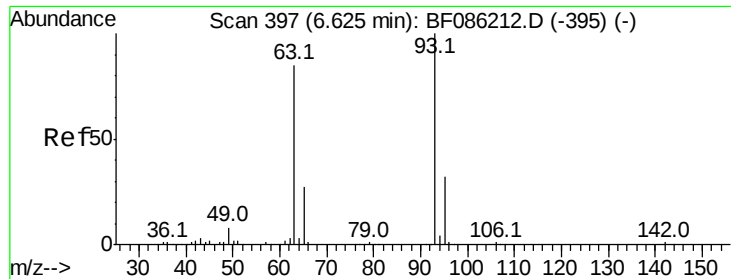
Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	35.8	16.5	56.5





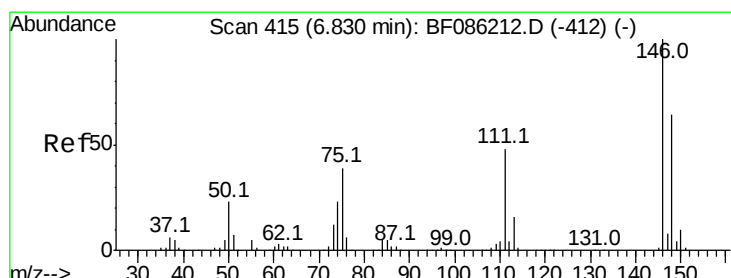
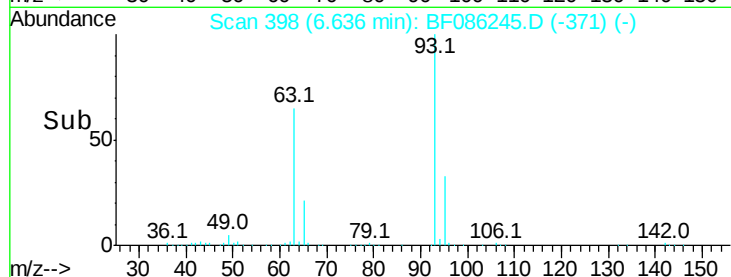
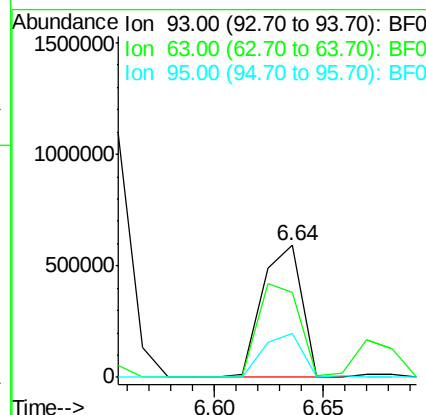
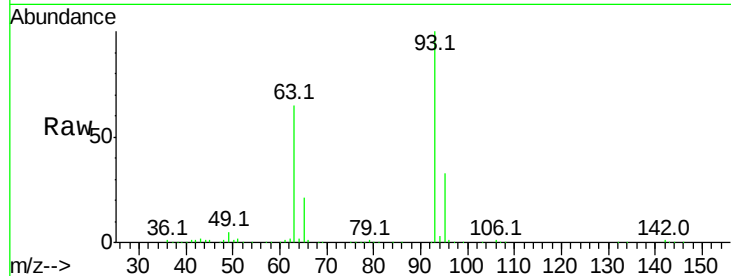
#11
bis(2-Chloroethyl)ether
Concen: 38.97 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.01 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	746082		
63	64.6	44.4	84.4	
95	33.1	13.1	53.1	

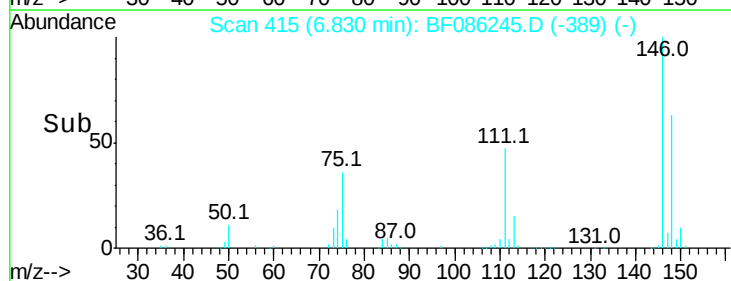
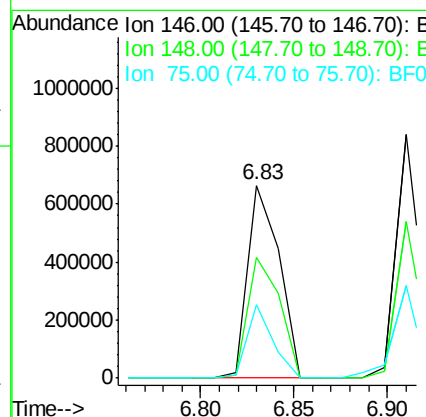
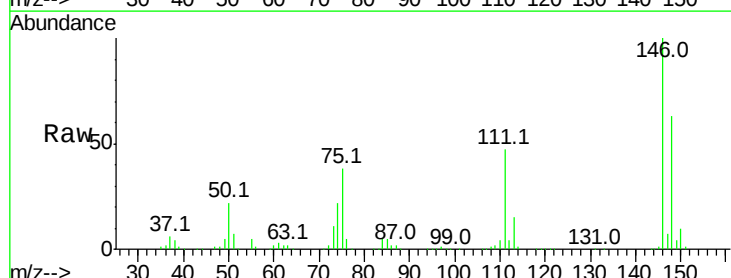
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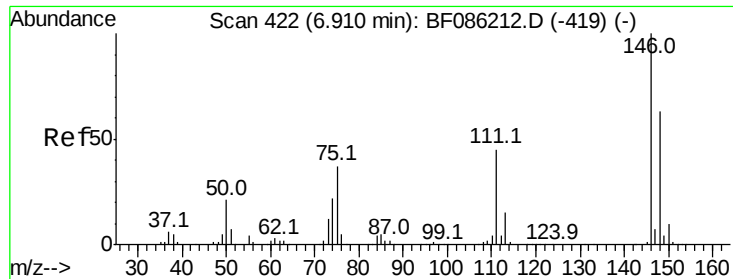
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#12
1,3-Dichlorobenzene
Concen: 37.77 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	774513		
148	62.6	51.0	76.4	
75	38.3	29.9	44.9	





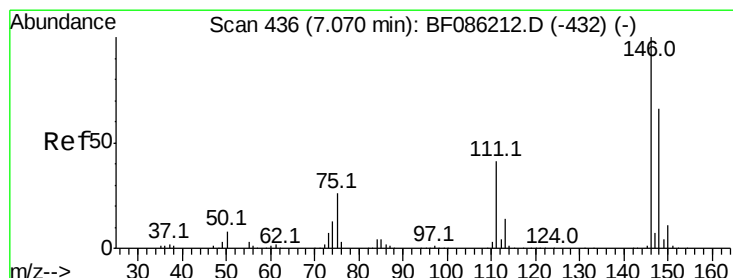
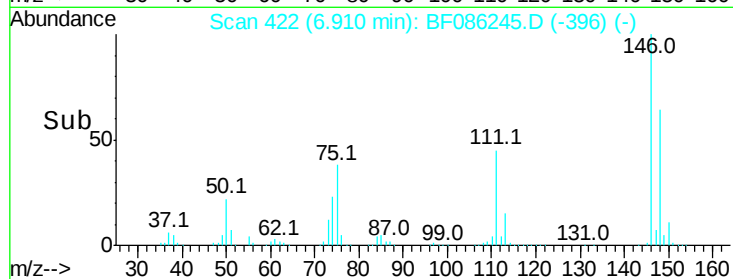
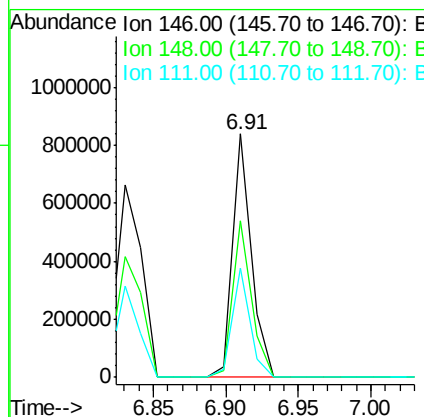
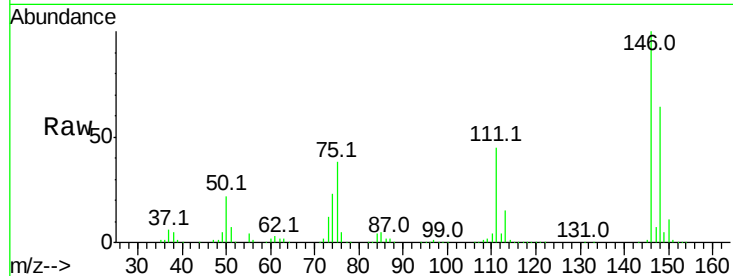
#13
 1,4-Dichlorobenzene
 Concen: 38.41 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	45.1	34.9	52.3

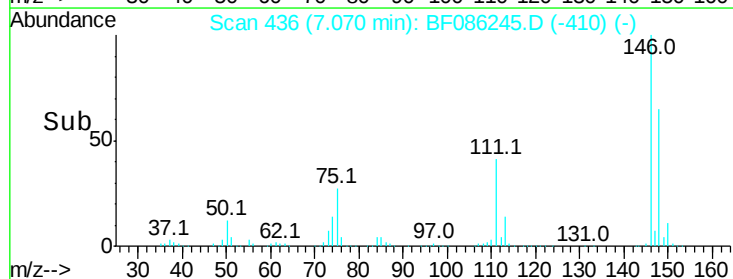
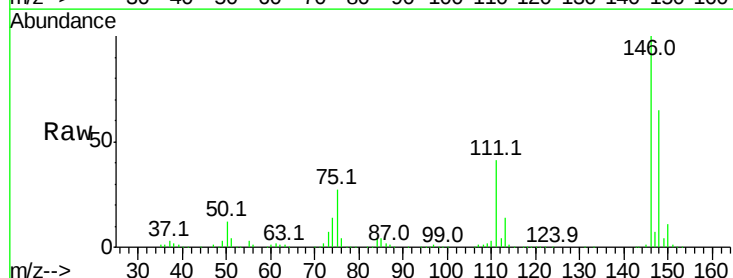
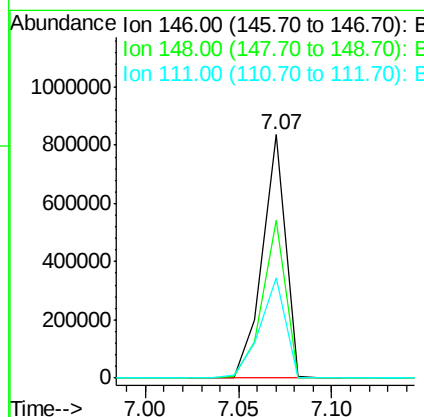
Manual Integrations
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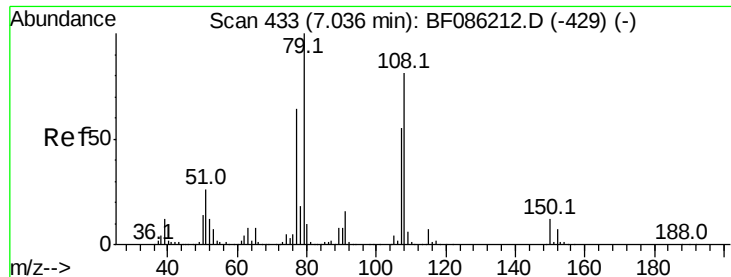
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.36 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	41.3	31.0	46.4





#15

Benzyl Alcohol

Concen: 39.46 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

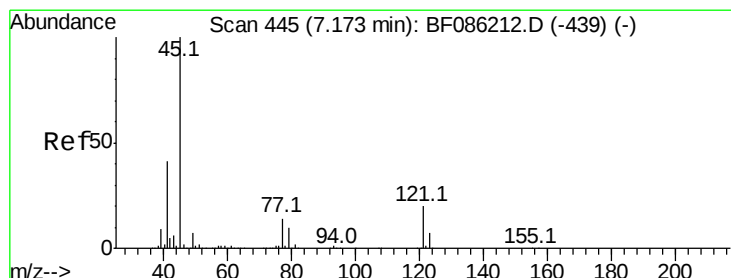
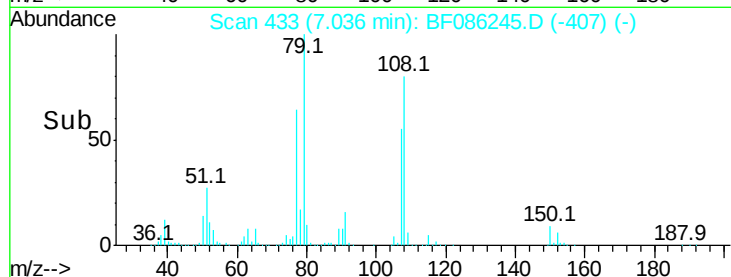
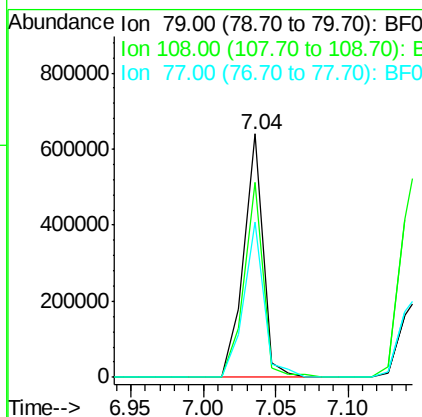
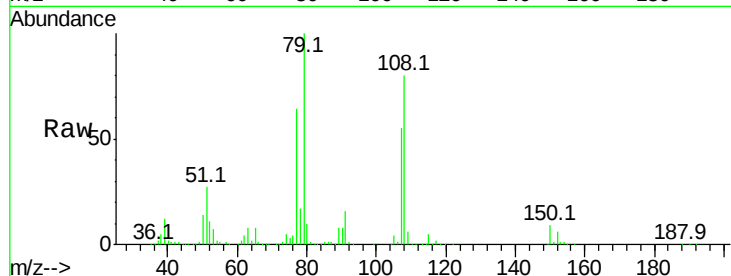
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	598170
Ion Ratio	Lower	Upper	
79	100		
108	80.2	64.8	97.2
77	64.0	51.9	77.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.57 ng

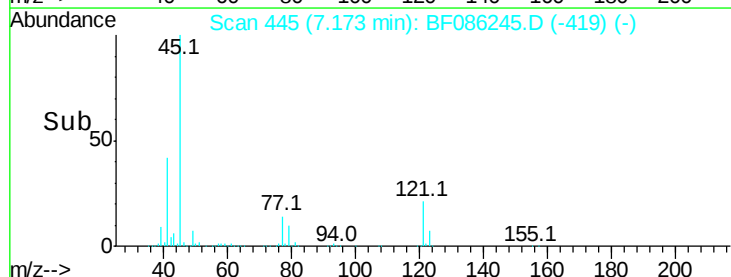
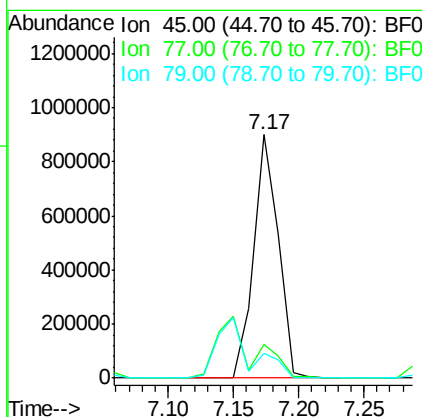
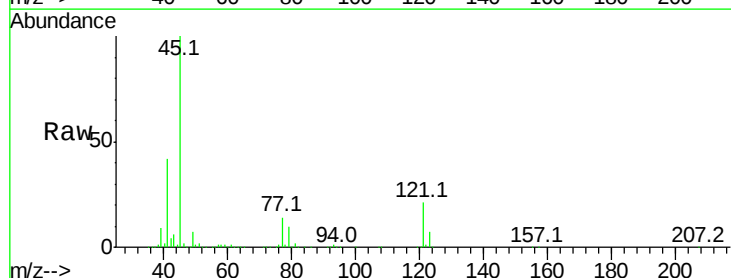
RT: 7.17 min Scan# 445

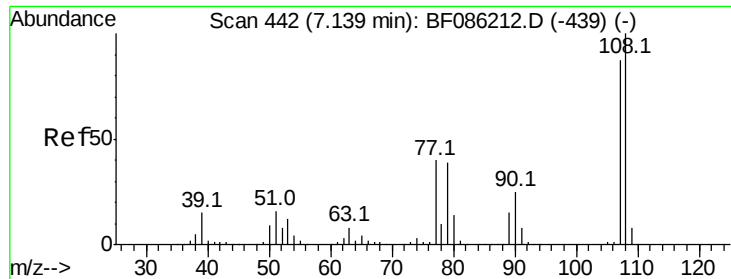
Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion:	45	Resp:	1180269
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	33.7
79	10.1	0.0	30.1





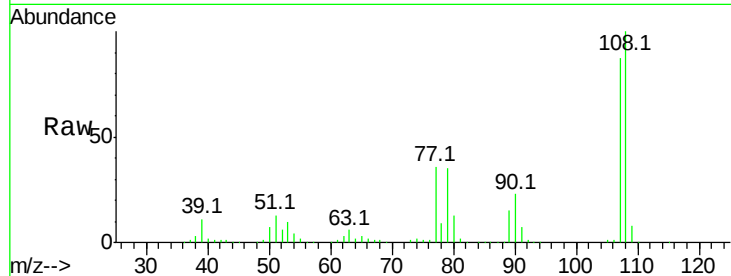
#17
2-Methylphenol
Concen: 40.21 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

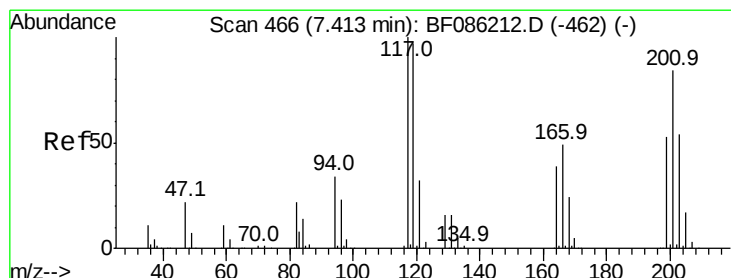
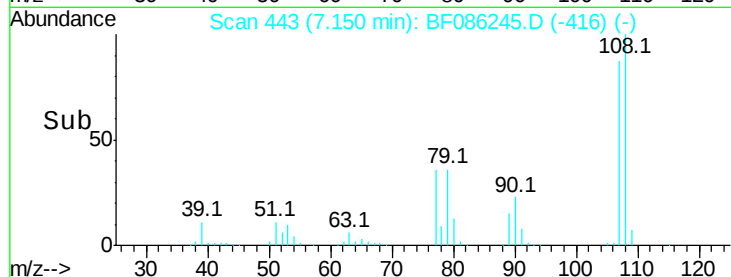
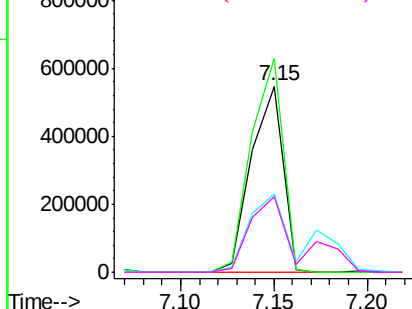
Tot Ion	Ratio	Resp	Lower	Upper
107	100	647513		
108	114.7	92.7	139.1	
77	41.8	39.6	59.4	
79	40.6	37.4	56.2	

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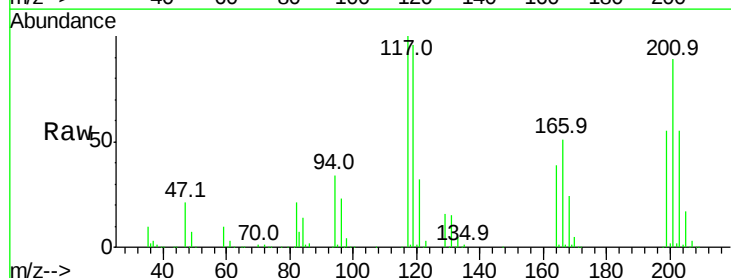


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

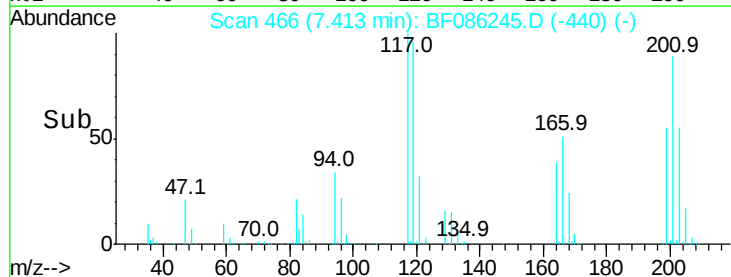
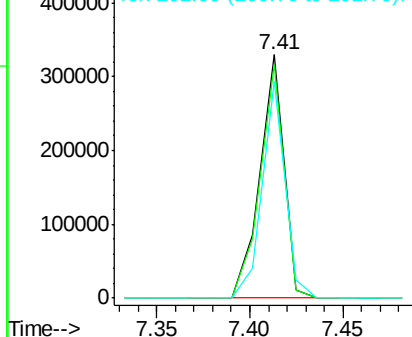


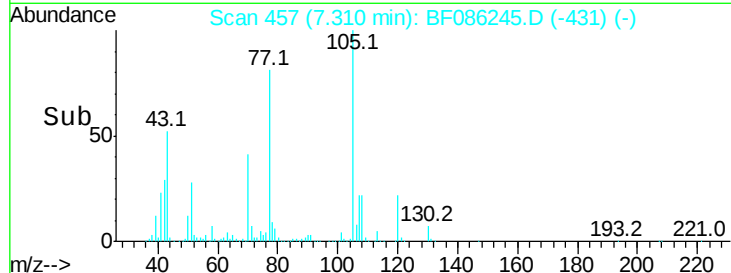
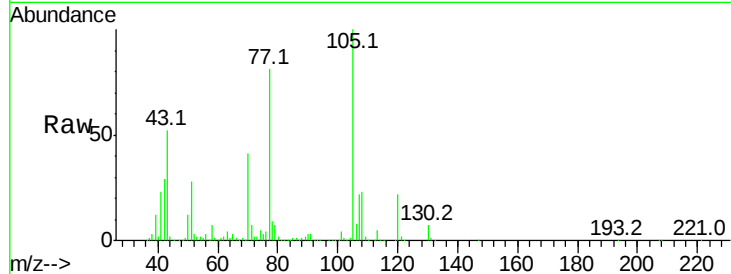
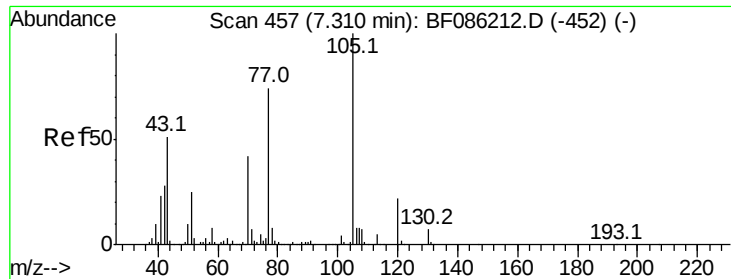
#18
Hexachloroethane
Concen: 39.74 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	292847		
119	95.9	78.2	117.4	
201	89.1	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





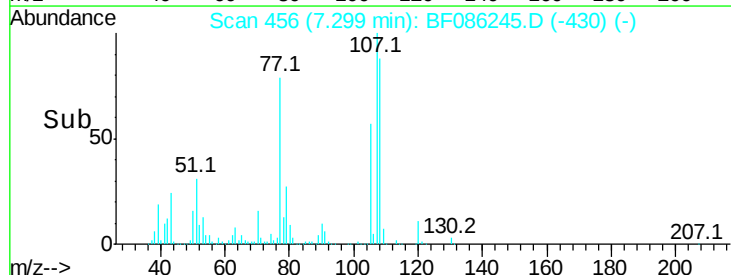
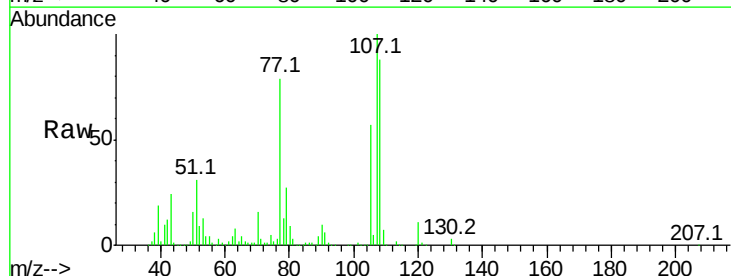
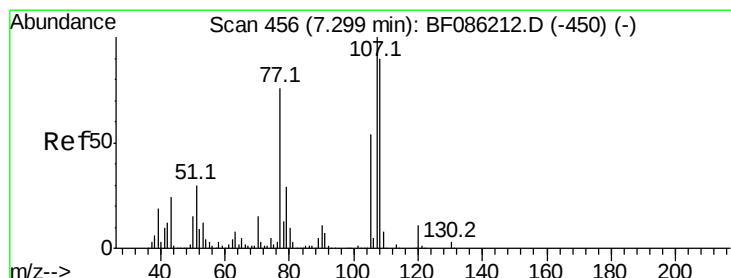
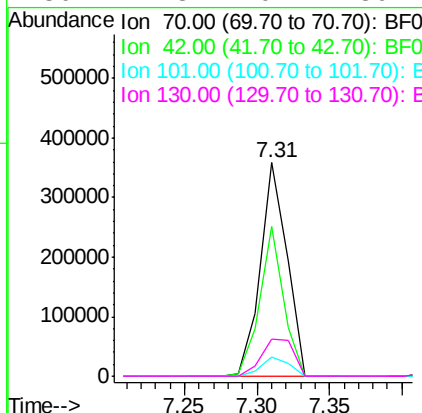
#19
n-Nitroso-di-n-propylamine
Concen: 33.36 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.4	43.0	64.4#
101	8.8	8.1	12.1
130	17.3	20.1	30.1#

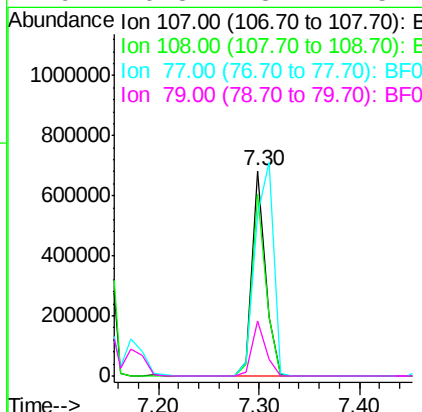
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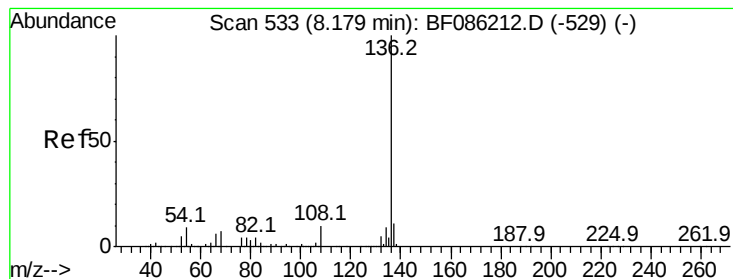
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#20
3+4-Methylphenols
Concen: 35.59 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.7	109.7
77	78.9	60.5	100.5
79	26.8	8.1	48.1





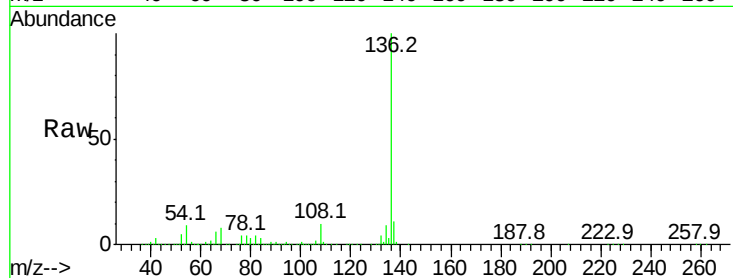
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

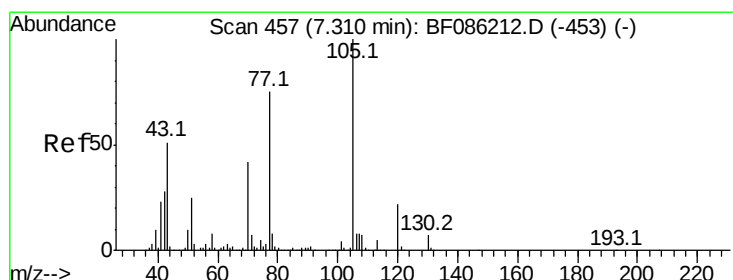
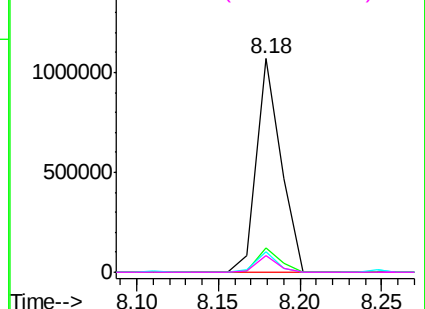
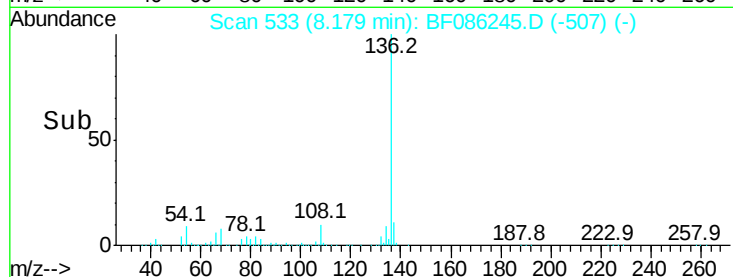
Tot Ion	Ratio	Resp	Lower	Upper
136	100	1115744		
137	11.4		9.1	13.7
54	9.4		7.3	10.9
68	7.6		5.7	8.5

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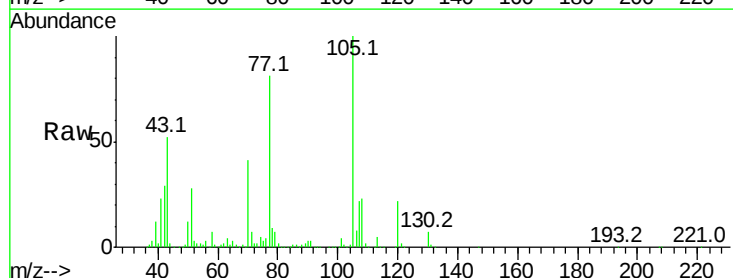


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

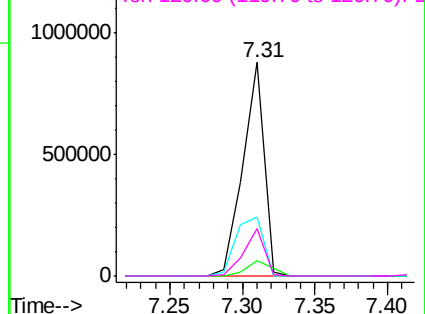
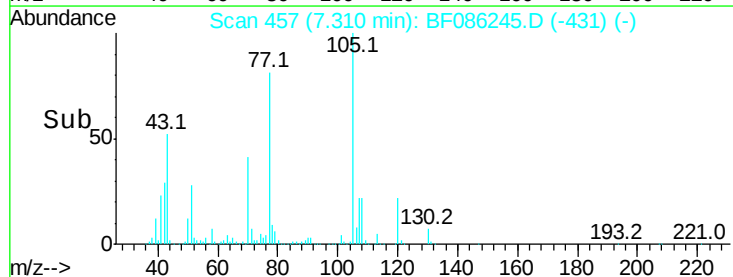


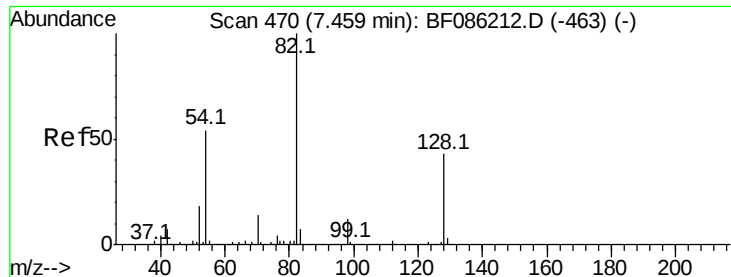
#22
Acetophenone
Concen: 42.67 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	898700		
71	7.3		4.0	6.0#
51	27.7		22.0	33.0
120	22.0		17.5	26.3



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





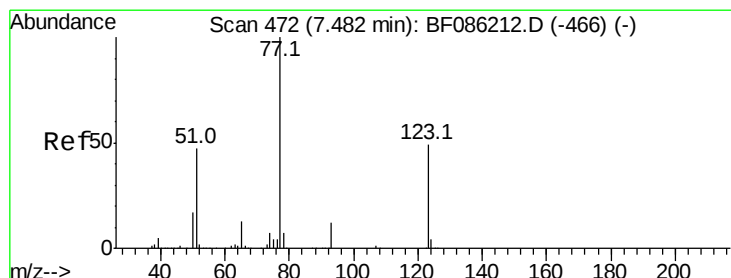
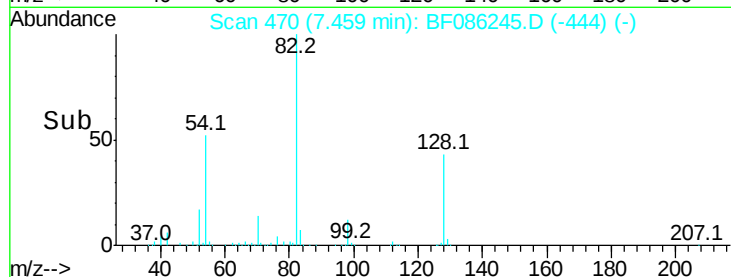
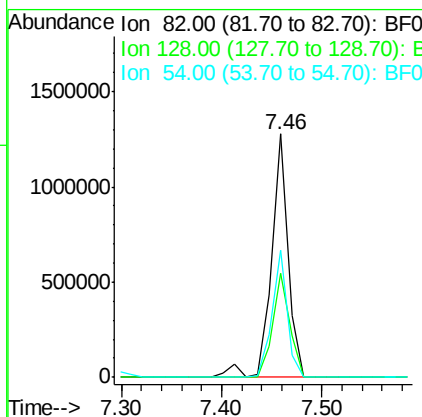
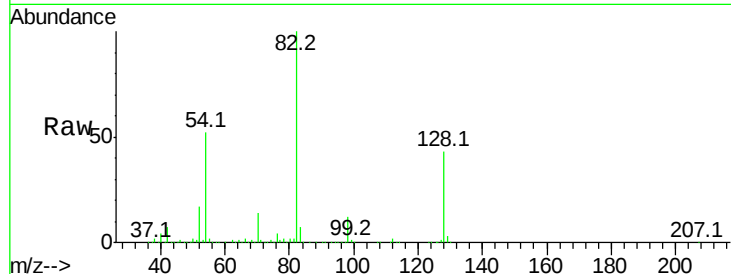
#23
 Nitrobenzene-d5
 Concen: 76.33 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	1476522
Ion Ratio	100	Lower	Upper
128	42.9	35.4	53.2
54	52.3	43.4	65.0

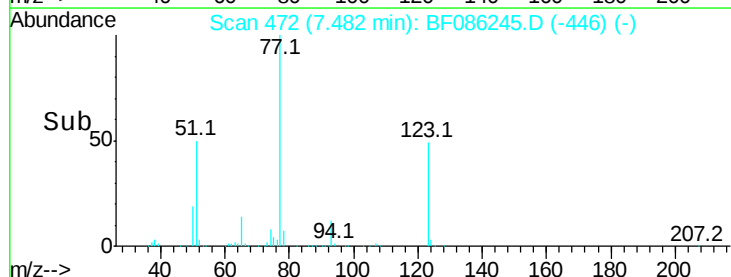
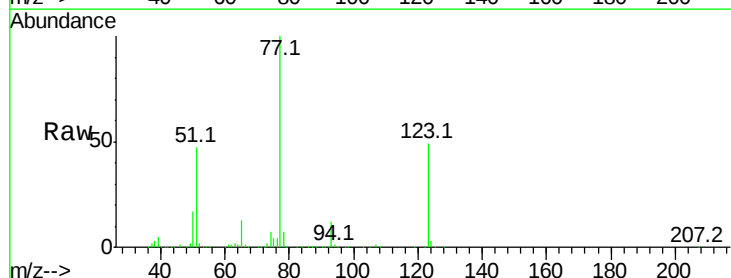
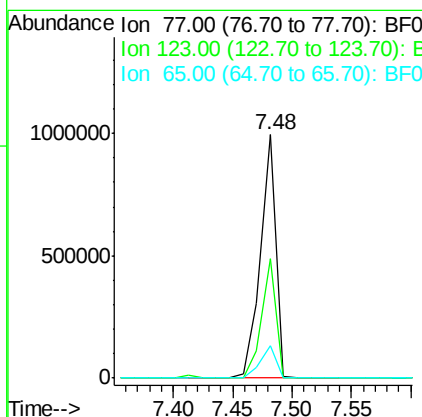
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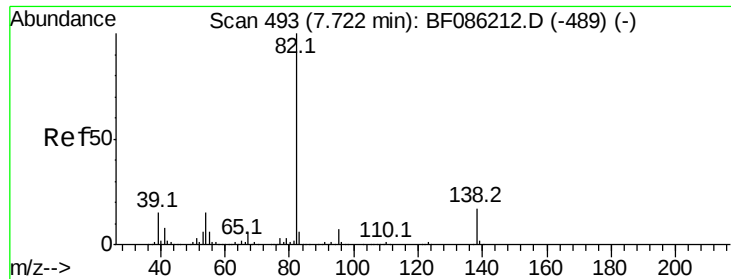
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#24
 Nitrobenzene
 Concen: 43.01 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	77	Resp	909624
Ion Ratio	100	Lower	Upper
123	49.2	38.3	57.5
65	13.2	11.3	16.9





#25

Isophorone

Concen: 38.35 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1472056

Ion Ratio Lower Upper

82 100

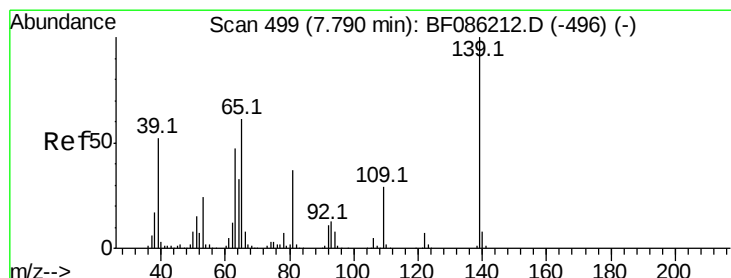
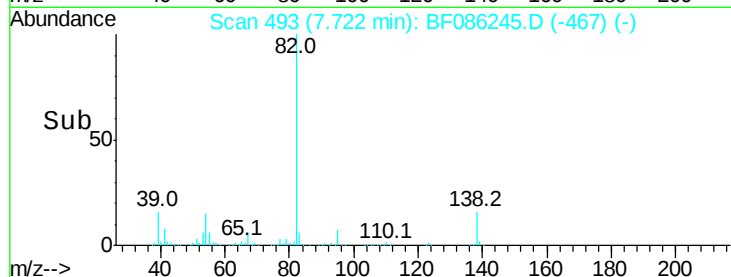
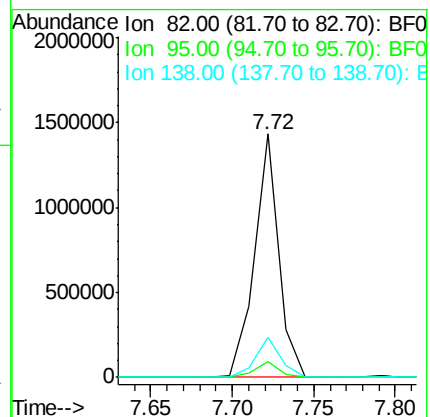
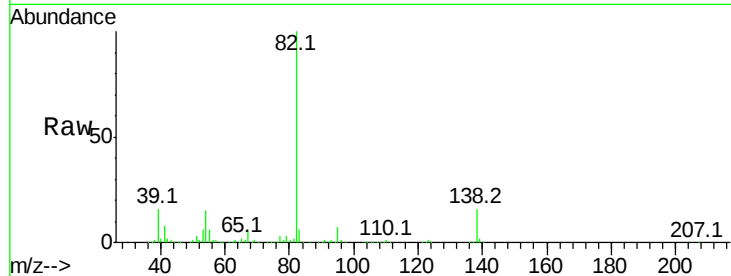
95 6.6 5.4 8.2

138 16.3 13.4 20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.53 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

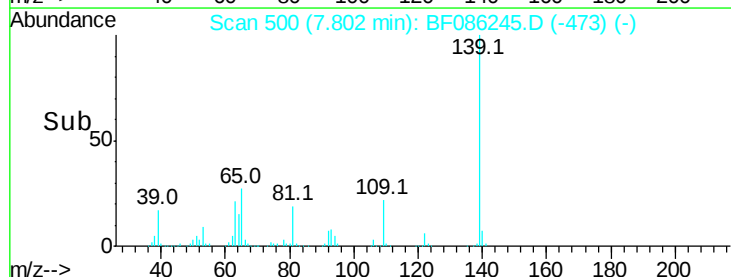
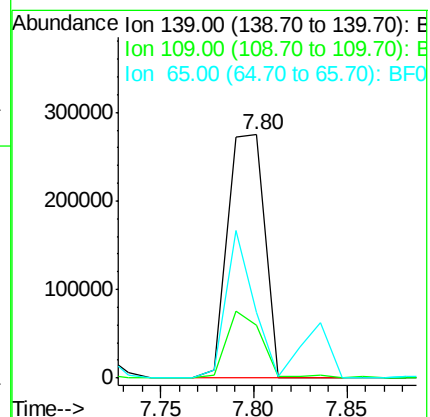
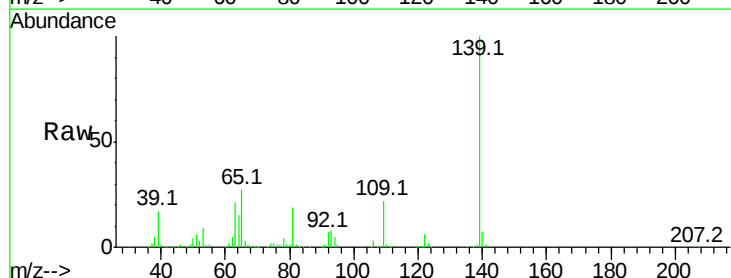
Tgt Ion: 139 Resp: 382937

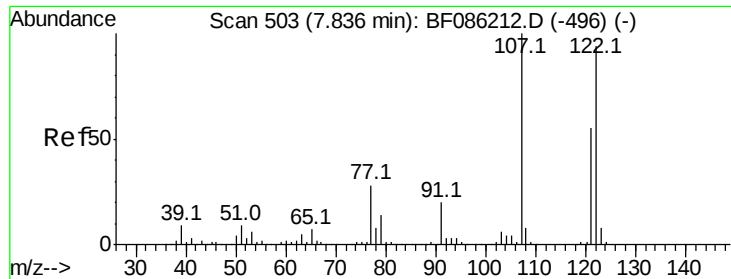
Ion Ratio Lower Upper

139 100

109 21.5 25.8 38.8#

65 27.2 50.2 75.2#





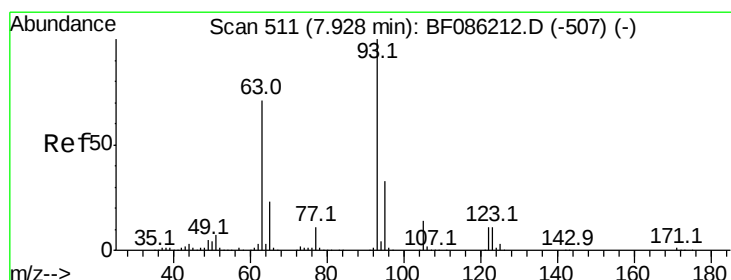
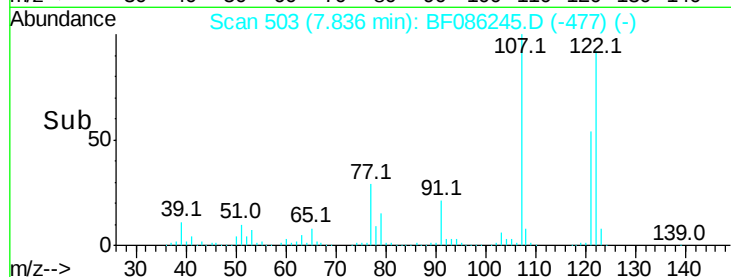
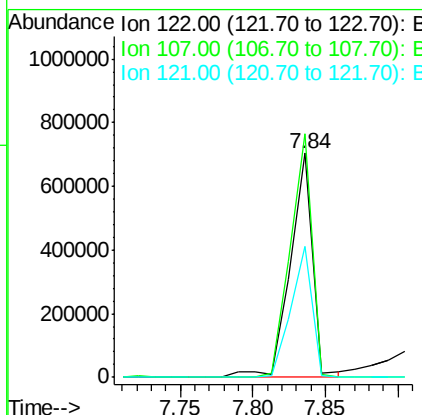
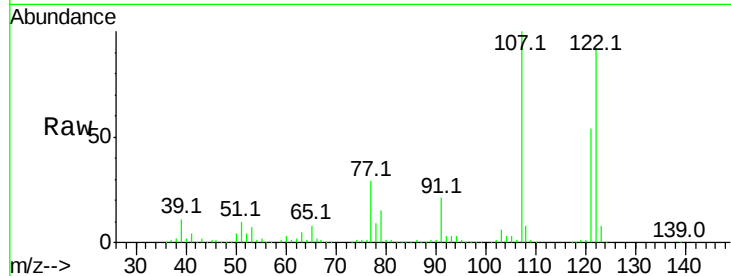
#27
2,4-Dimethylphenol
Concen: 40.04 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	745665		
107	108.7	85.8	128.6	
121	58.6	47.1	70.7	

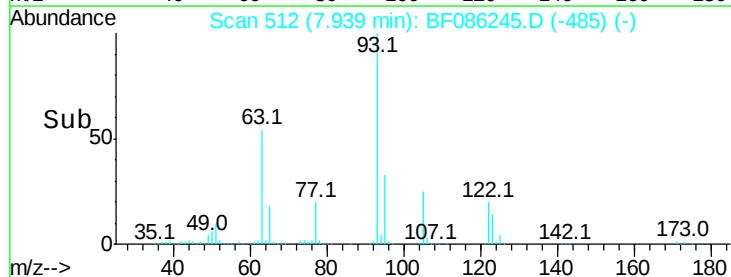
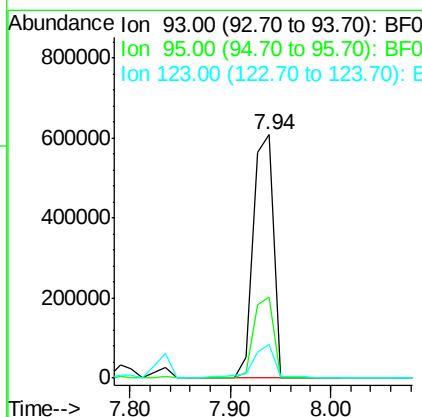
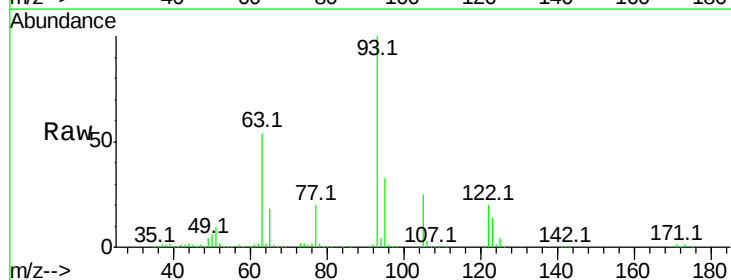
Manual Integrations
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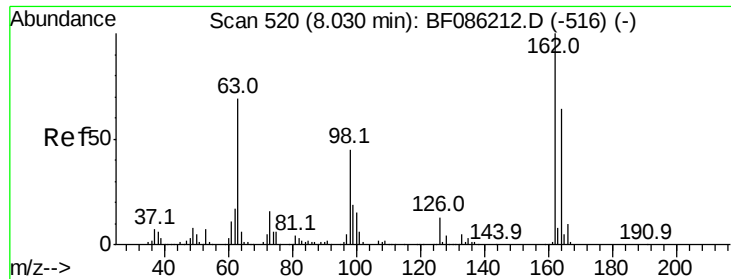
Sohil
4/18/2016 7:30:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.34 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	842716		
95	33.1	25.8	38.8	
123	14.0	8.9	13.3#	





#29

2,4-Dichlorophenol

Concen: 39.35 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

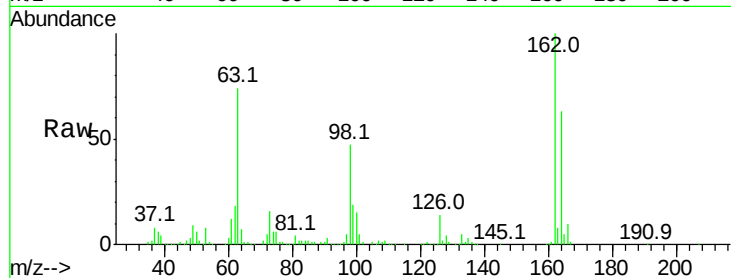
ClientSampleId :

SSTDCCC040

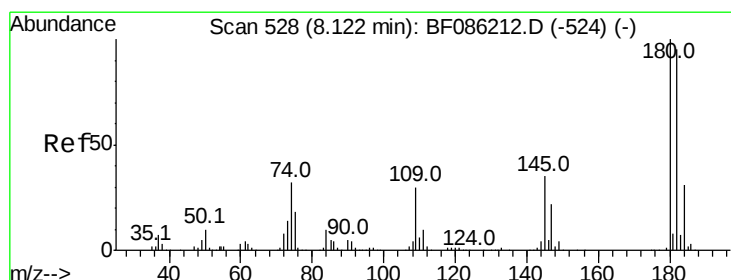
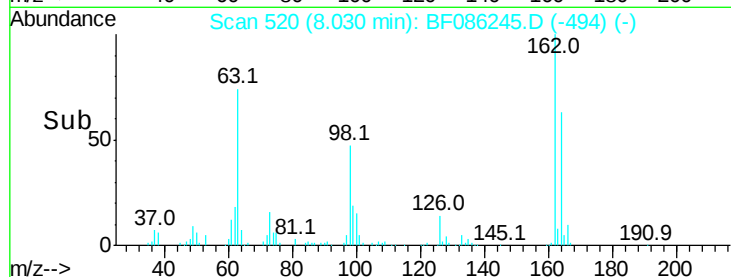
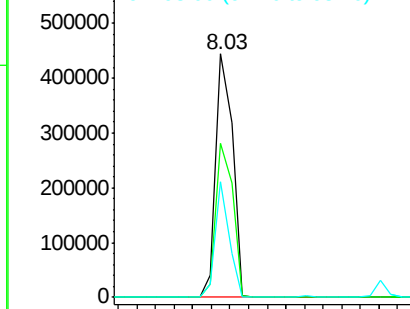
Tot Ion:	162	Resp:	557123
Ion Ratio	Lower	Upper	
162	100		
164	63.1	43.3	83.3
98	47.3	22.9	62.9

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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: 38.73 ng

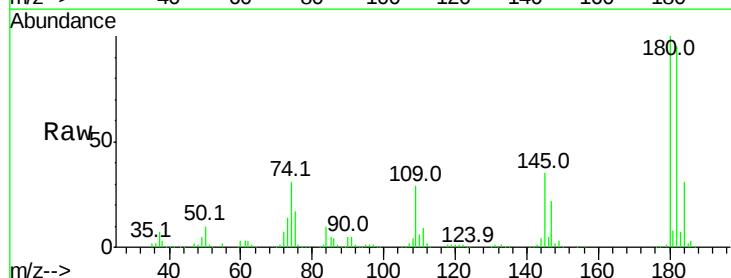
RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

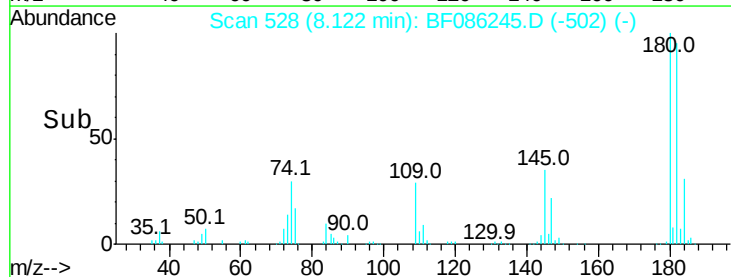
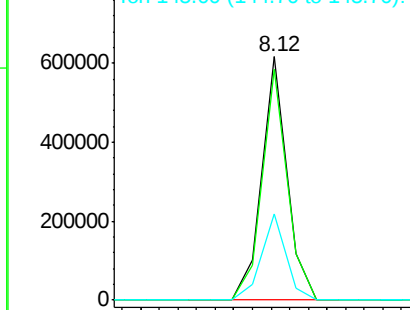
Lab File: BF086245.D

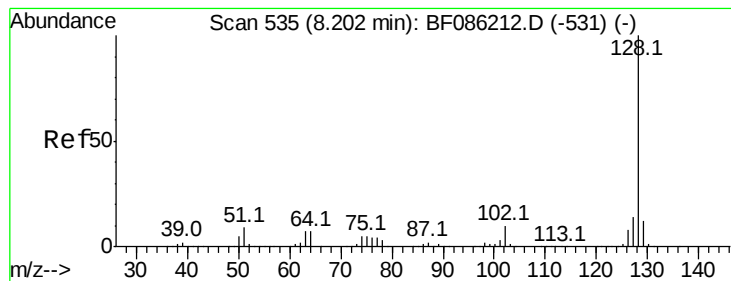
Acq: 16 Apr 2016 5:36

Tgt Ion:	180	Resp:	573829
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.3	114.5
145	35.4	27.4	41.2



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: 38.12 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1899264

Ion Ratio Lower Upper

128 100

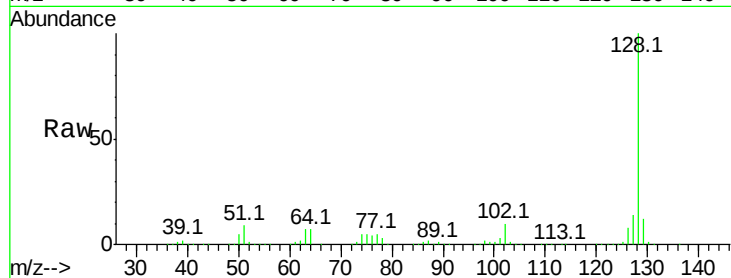
129 11.9 9.6 14.4

127 14.1 11.4 17.2

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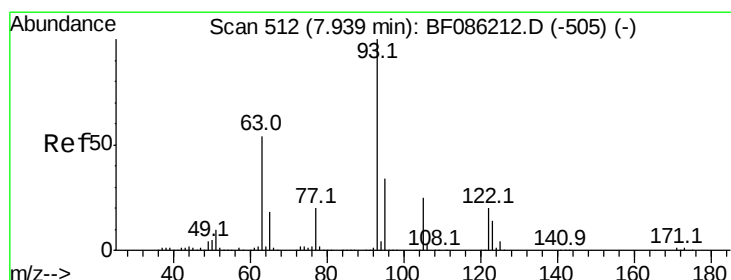
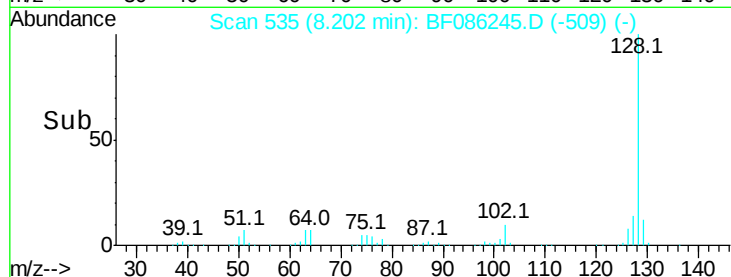
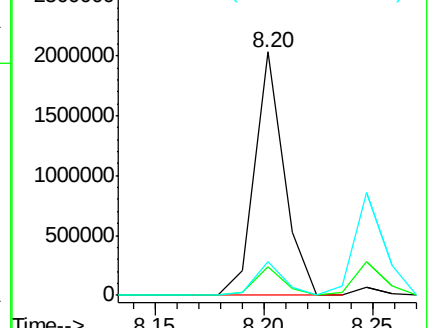
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.85 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

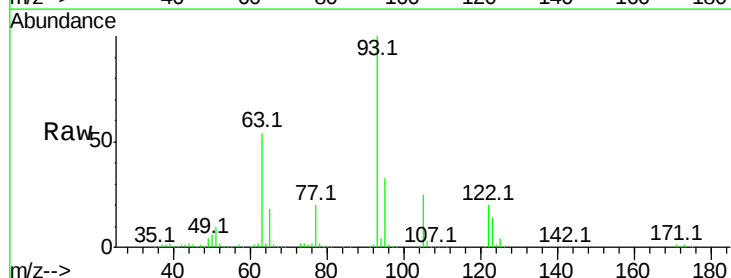
Tgt Ion:122 Resp: 474417

Ion Ratio Lower Upper

122 100

105 123.2 103.7 143.7

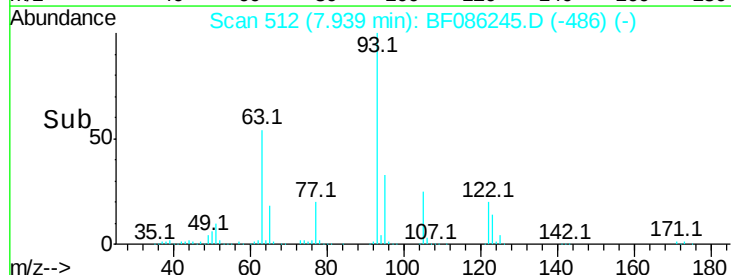
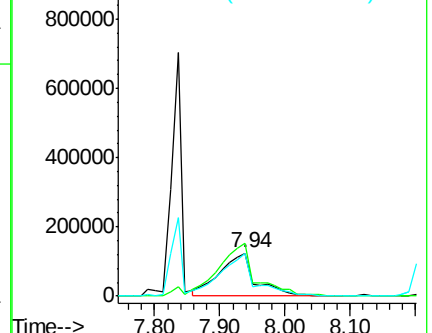
77 99.2 74.9 114.9

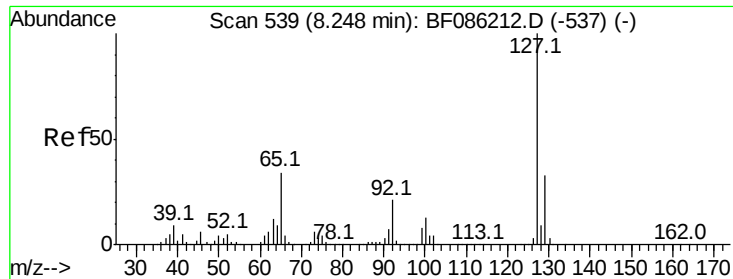


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





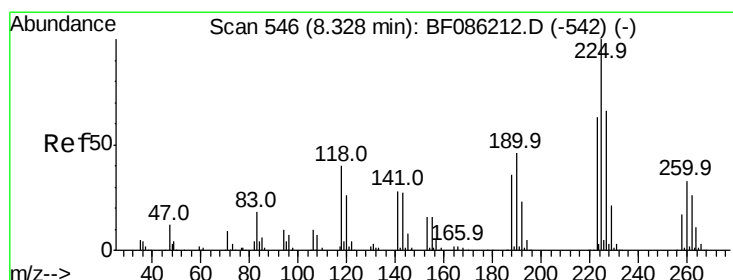
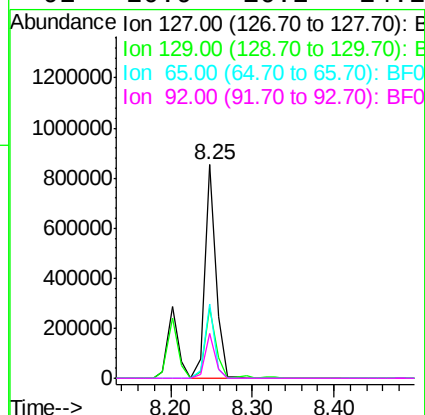
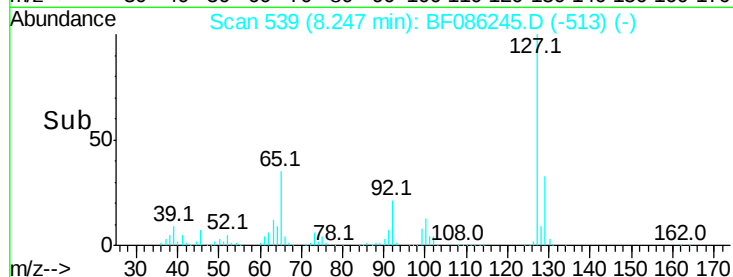
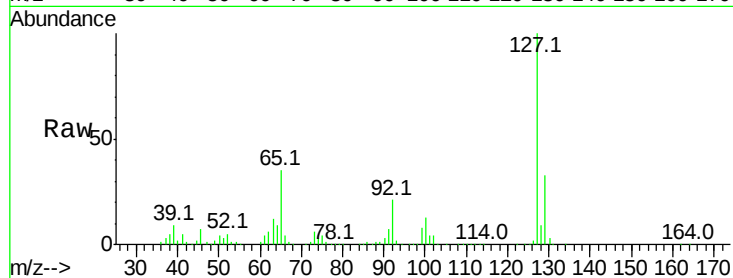
#33
4-Chloroaniline
Concen: 36.60 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.8	40.2	
65	34.8	27.1	40.7	
92	20.9	16.2	24.2	

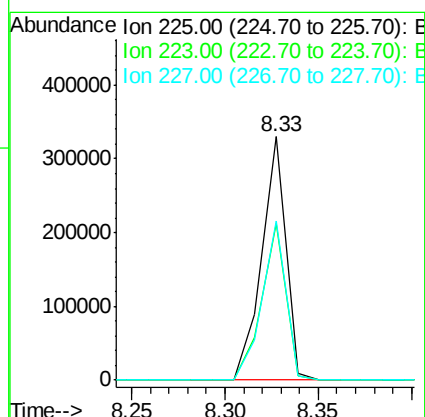
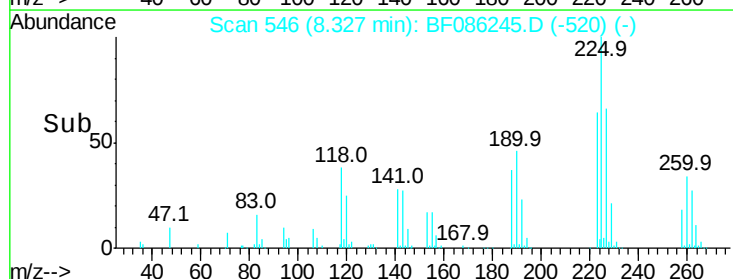
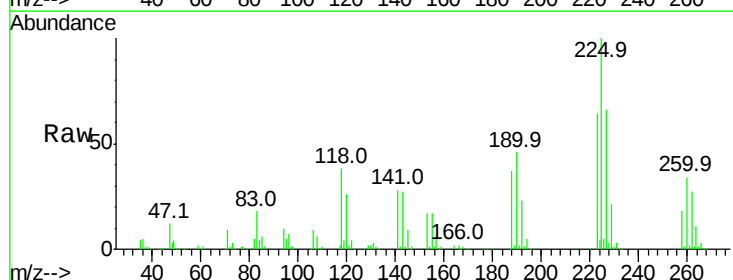
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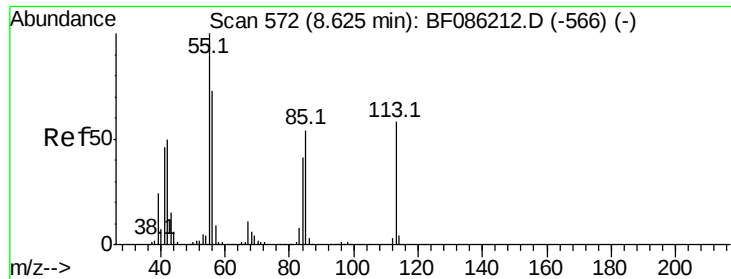
Sohil
4/18/2016 7:30:50 PM



#34
Hexachlorobutadiene
Concen: 39.64 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	49.4	74.0	
227	65.6	51.1	76.7	





#35

Caprolactam

Concen: 36.87 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

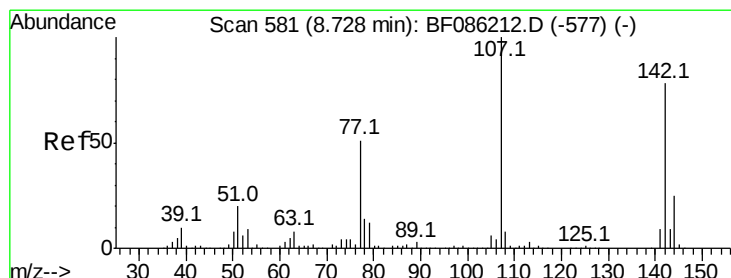
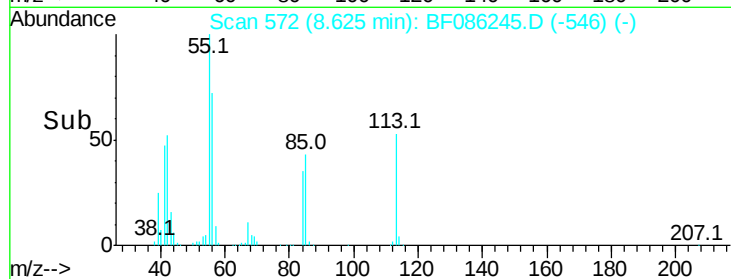
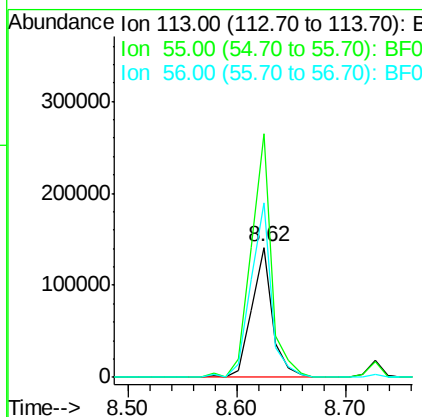
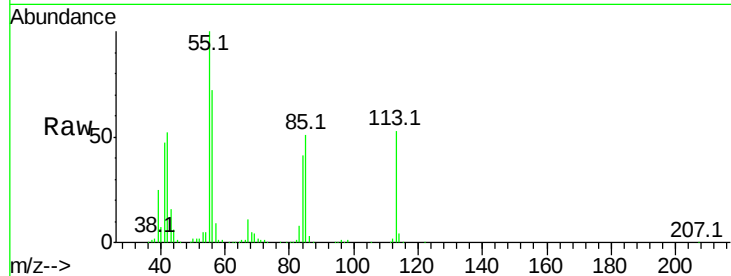
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	189025
Ion Ratio	Lower	Upper	
113	100		
55	187.2	117.5	157.5#
56	134.4	82.5	122.5#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 37.36 ng

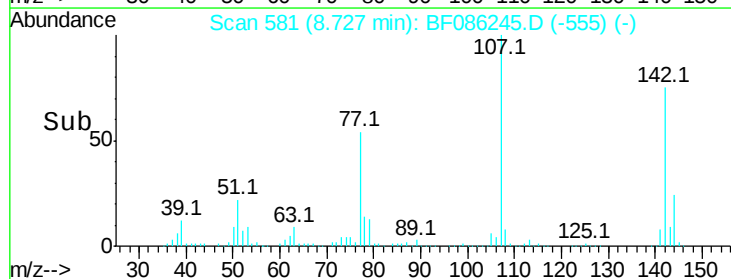
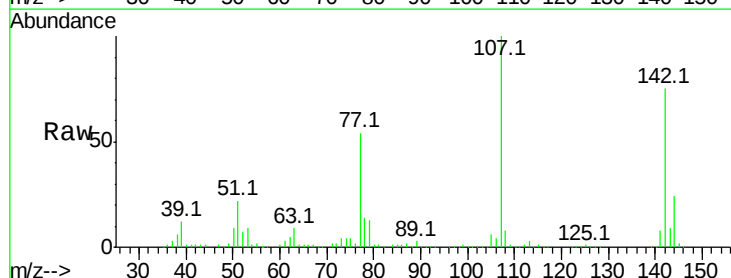
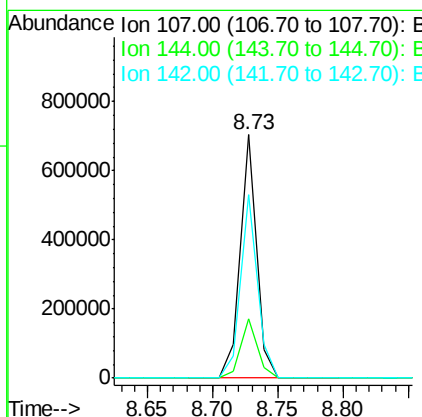
RT: 8.73 min Scan# 581

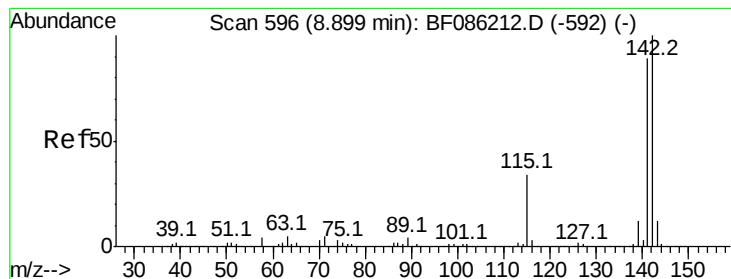
Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion:	107	Resp:	612934
Ion Ratio	Lower	Upper	
107	100		
144	24.1	20.7	31.1
142	75.1	64.5	96.7





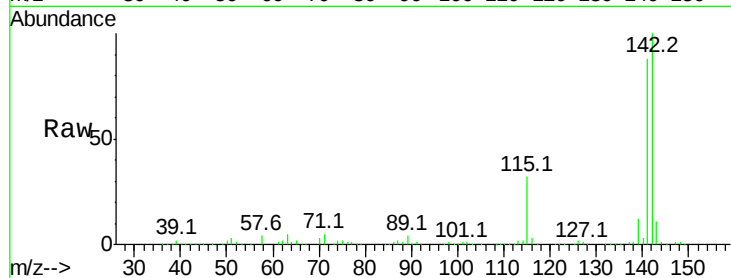
#37
2-Methylnaphthalene
Concen: 40.62 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.1	106.7
115	32.3	25.1	37.7

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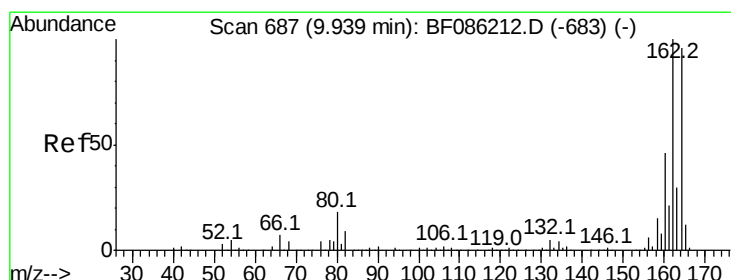
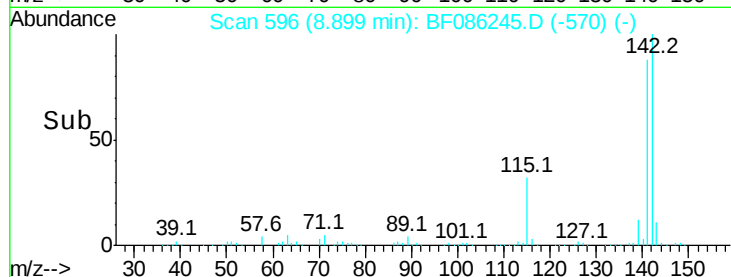
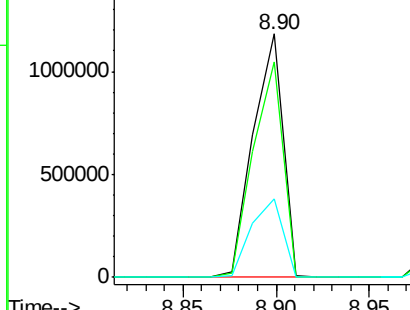


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

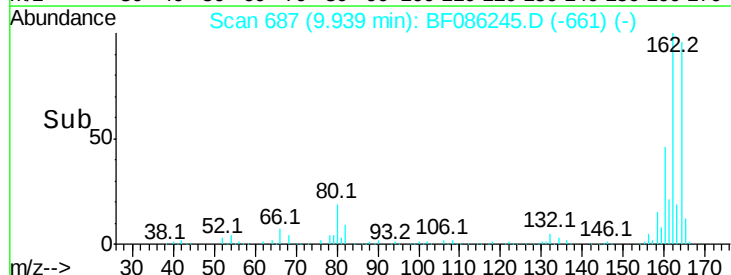
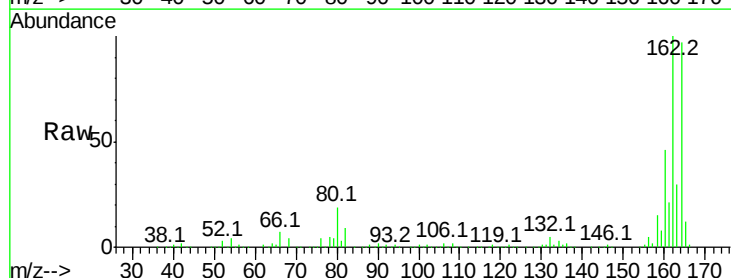
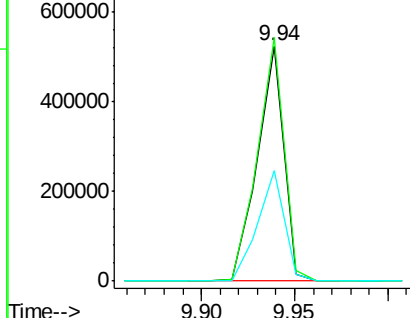
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	47.2	38.9	58.3

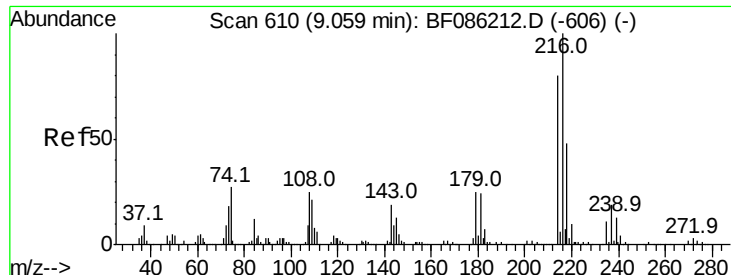
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.02 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086245.D

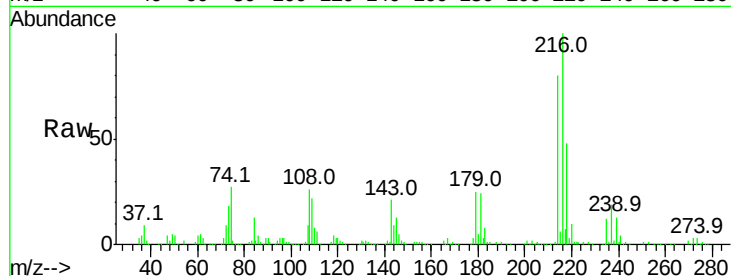
Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

ClientSampleId :

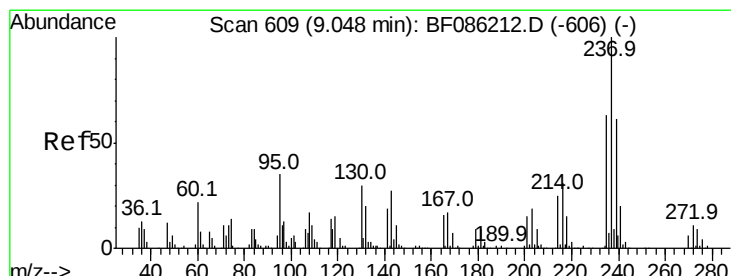
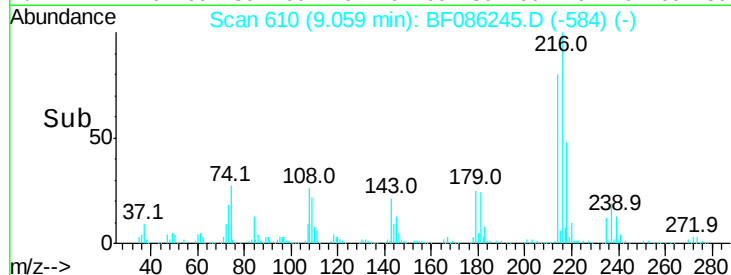
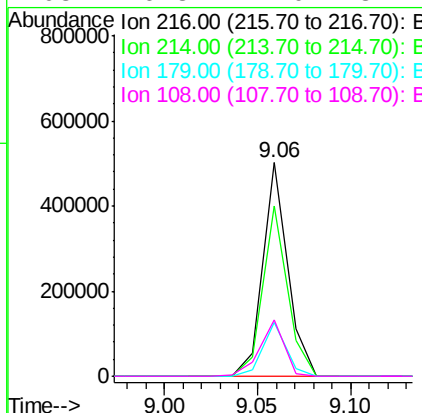
SSTDCCC040



Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	64.9	97.3
179	24.0	19.8	29.6
108	26.3	21.0	31.4

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 38.34 ng

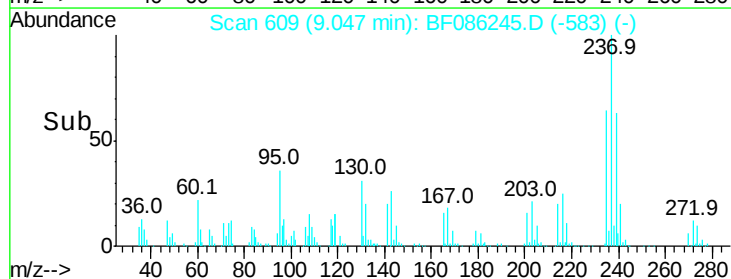
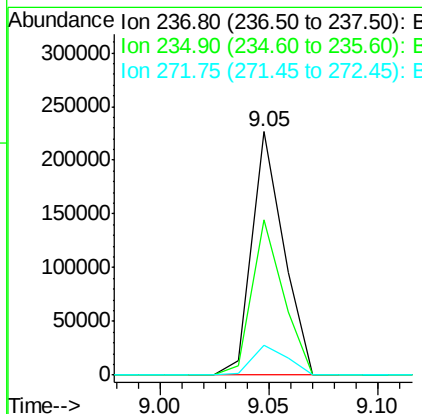
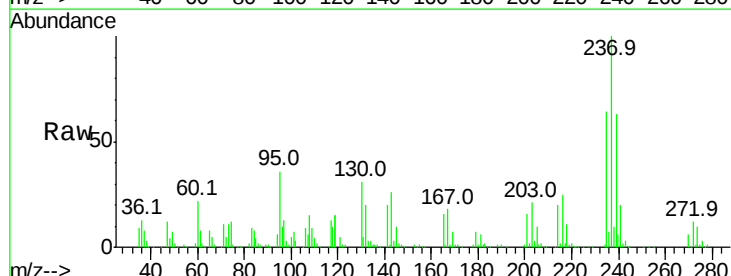
RT: 9.05 min Scan# 609

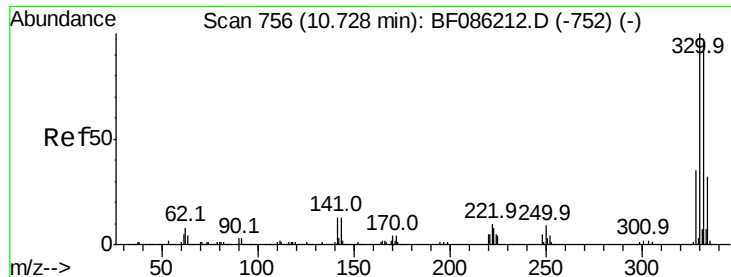
Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	44.0	84.0
272	12.1	0.0	32.4





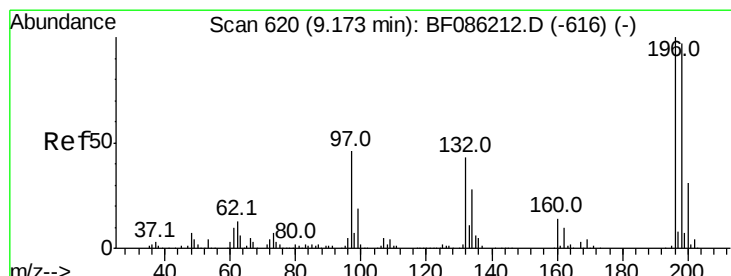
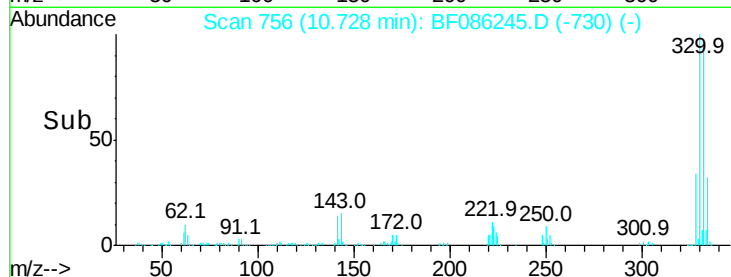
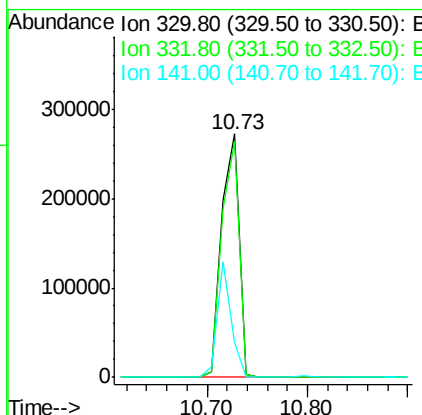
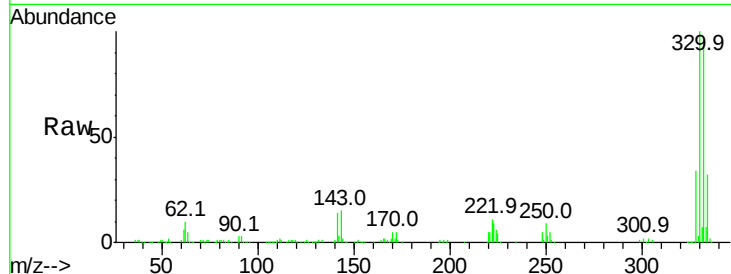
#41
 2,4,6-Tribromophenol
 Concen: 80.99 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	78.7	118.1	
141	37.9	28.6	42.8	

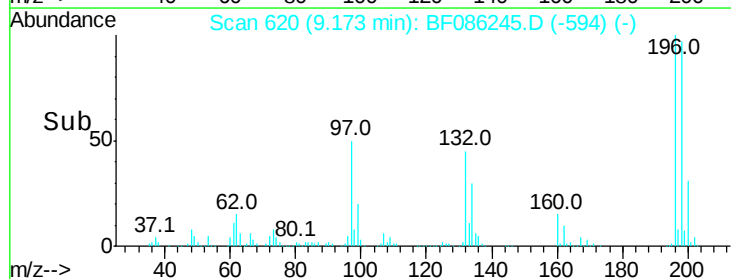
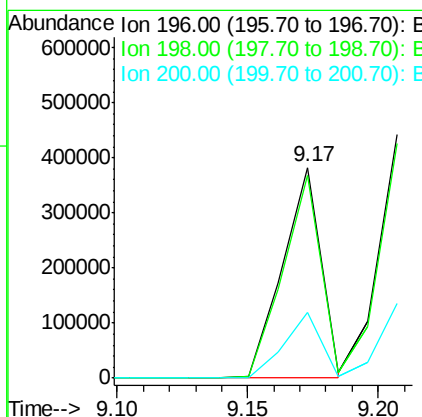
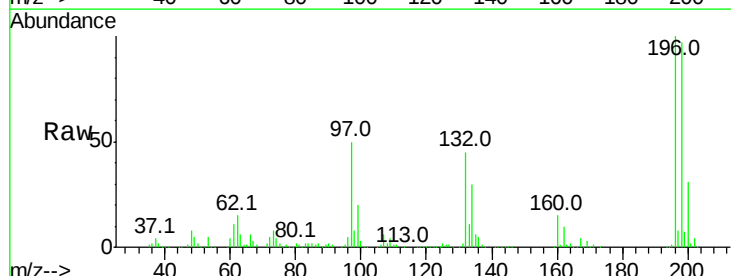
Manual Integrations
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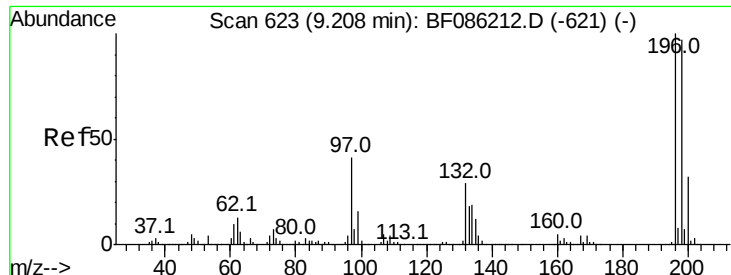
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	76.6	115.0	
200	31.5	25.3	37.9	





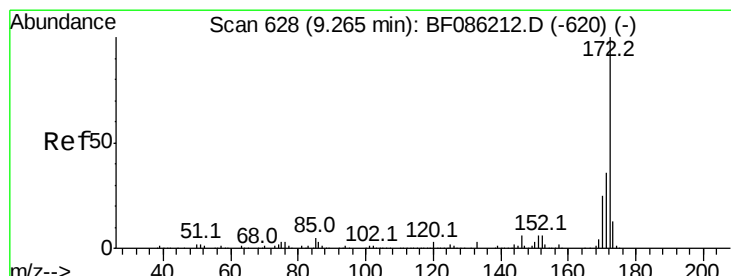
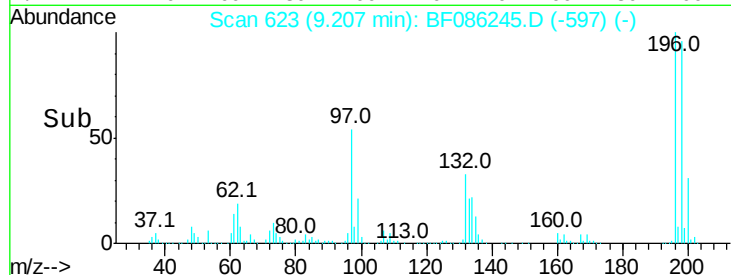
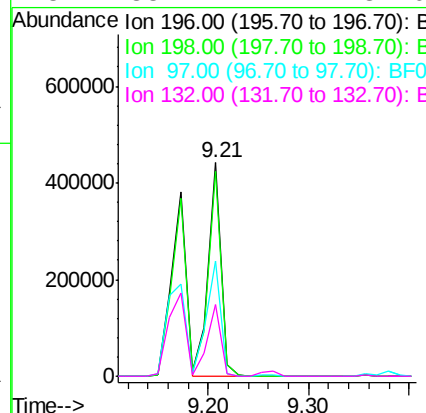
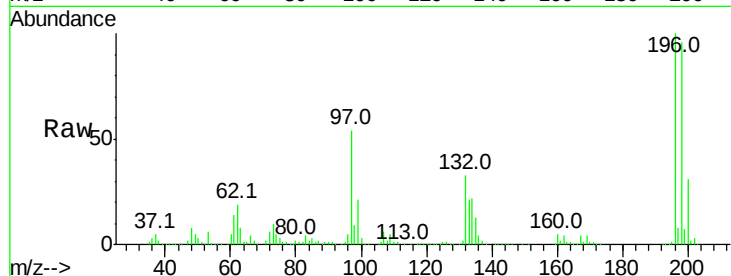
#43
 2,4,5-Trichlorophenol
 Concen: 40.66 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	394552		
198	96.1	77.7	116.5	
97	54.1	32.6	48.8#	
132	33.4	21.4	32.0#	

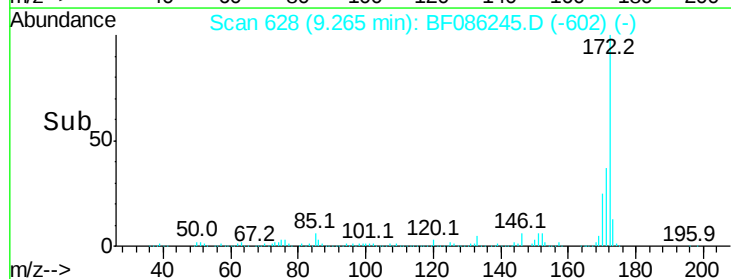
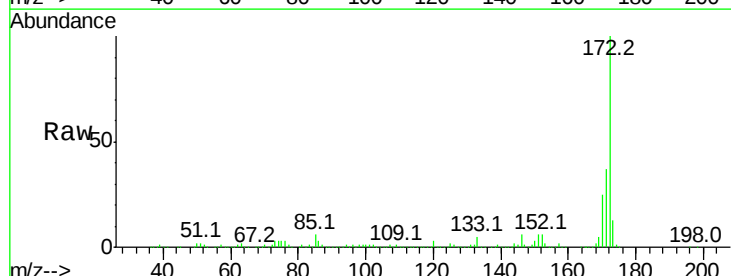
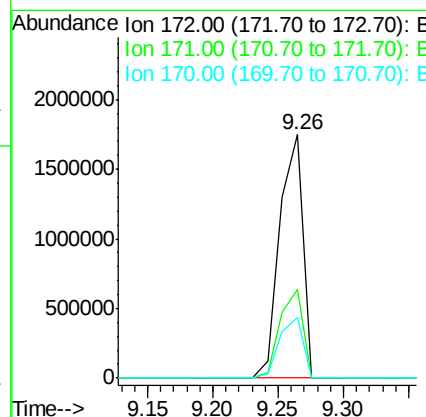
Manual Integrations
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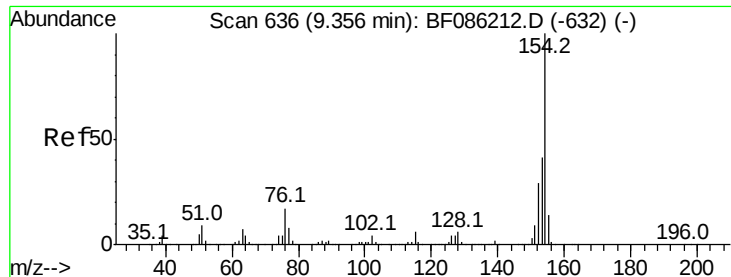
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 78.91 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2180723		
171	36.6	29.1	43.7	
170	25.0	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 37.27 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1368287

Ion Ratio Lower Upper

154 100

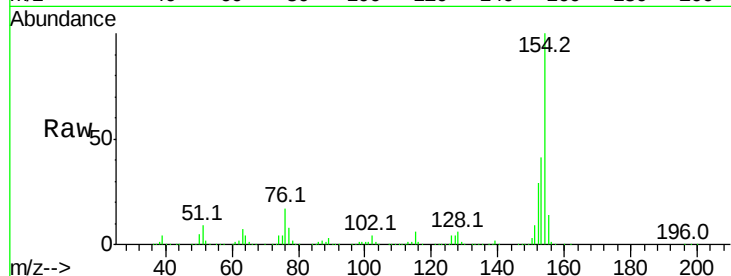
153 41.1 21.3 61.3

76 16.8 0.0 36.4

Manual Integrations
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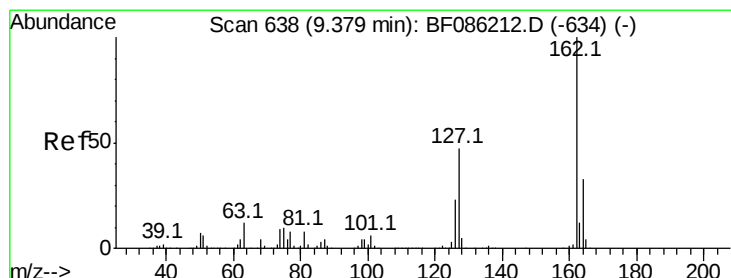
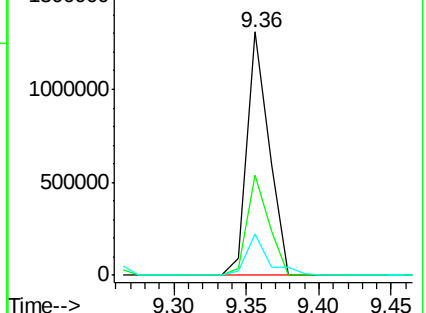
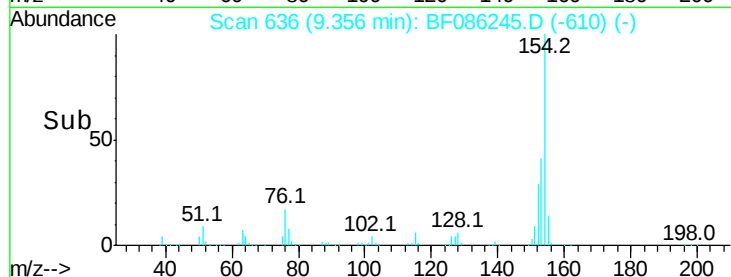
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.12 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

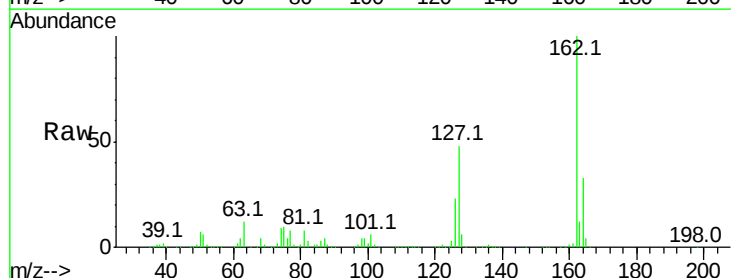
Tgt Ion:162 Resp: 1172328

Ion Ratio Lower Upper

162 100

127 47.6 36.7 55.1

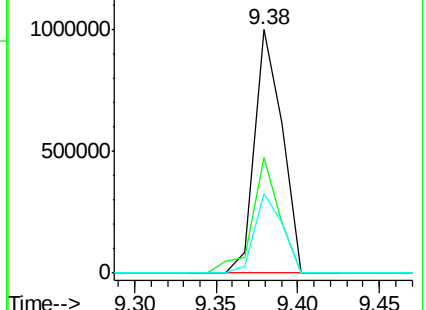
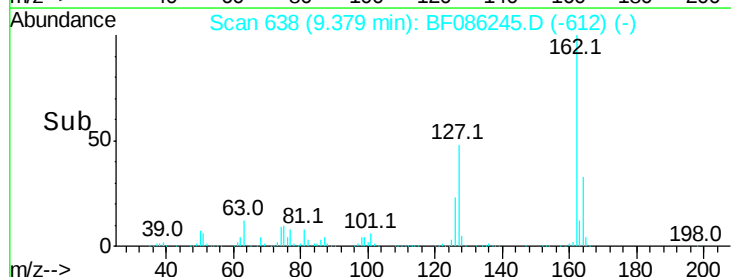
164 32.8 26.4 39.6

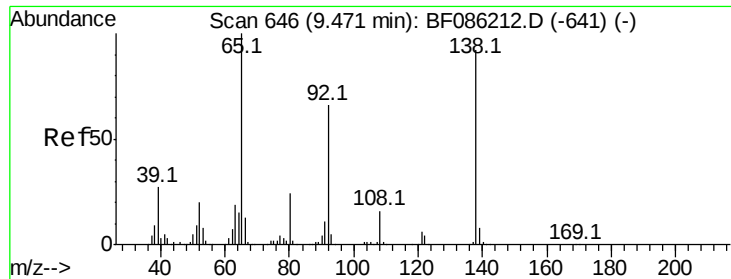


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





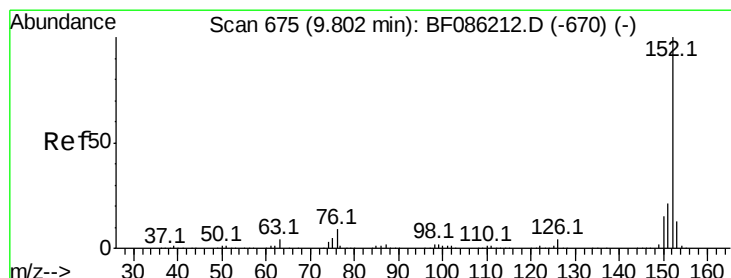
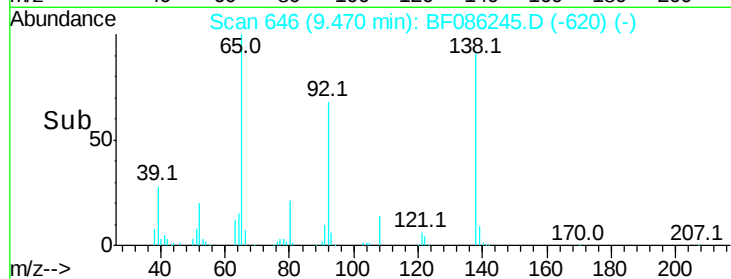
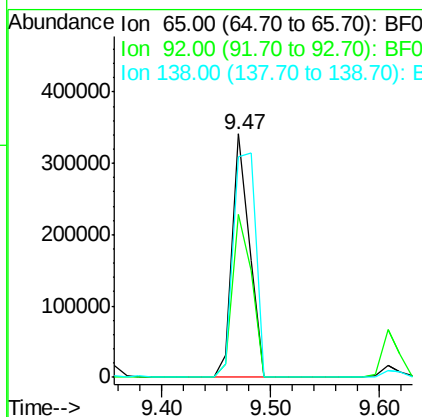
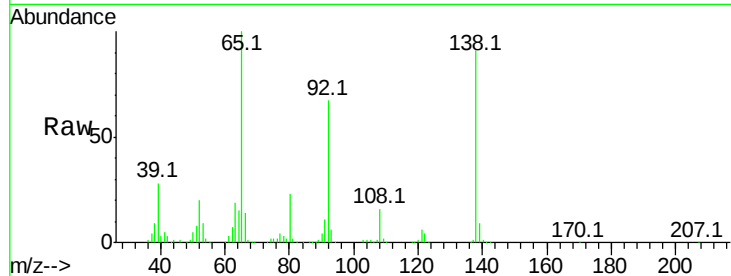
#47
2-Nitroaniline
Concen: 38.10 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.0	51.9	77.9
138	90.5	72.6	108.8

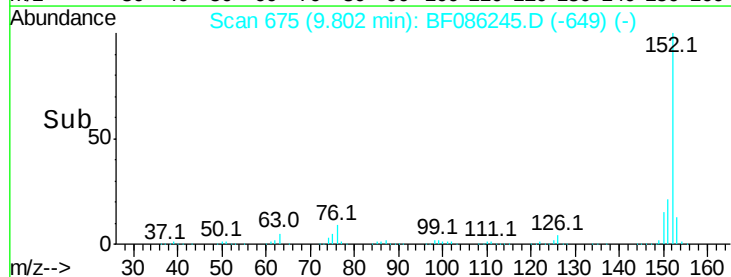
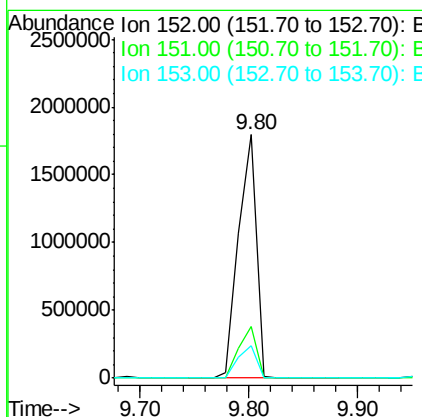
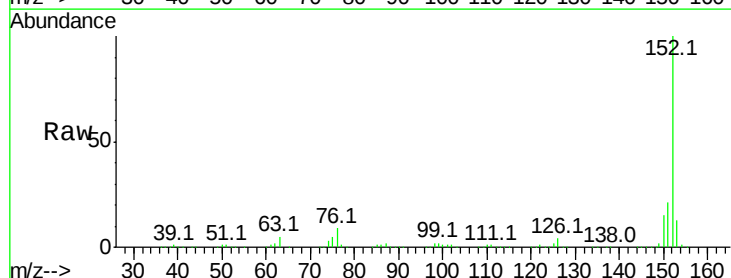
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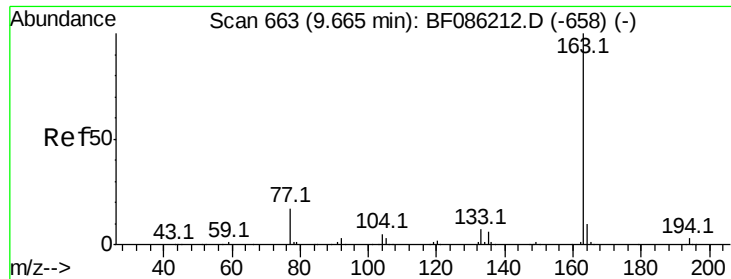
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#48
Acenaphthylene
Concen: 42.01 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.4	10.7	16.1





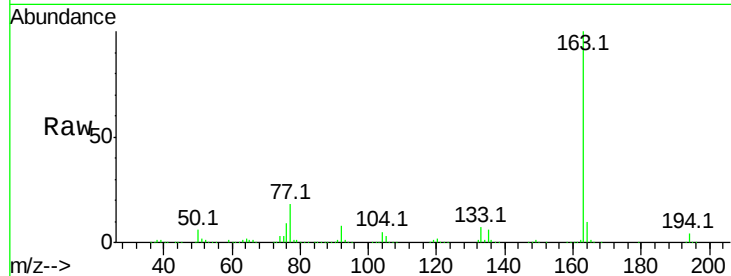
#49
Dimethylphthalate
Concen: 40.23 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.0	8.4	12.6

Manual Integrations
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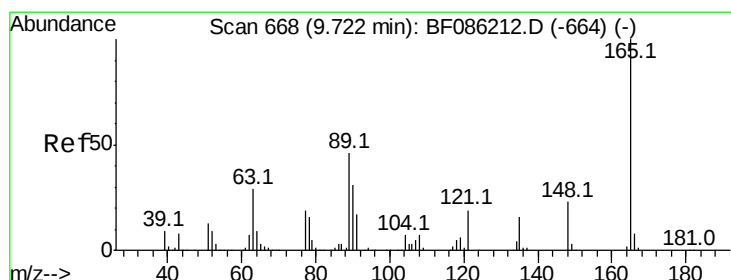
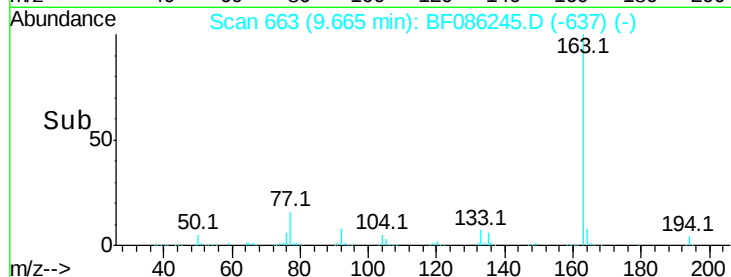
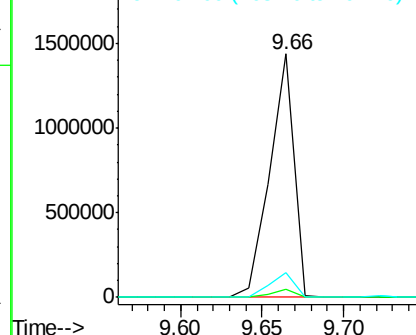


Abundance

Ion 163.00 (162.70 to 163.70): E

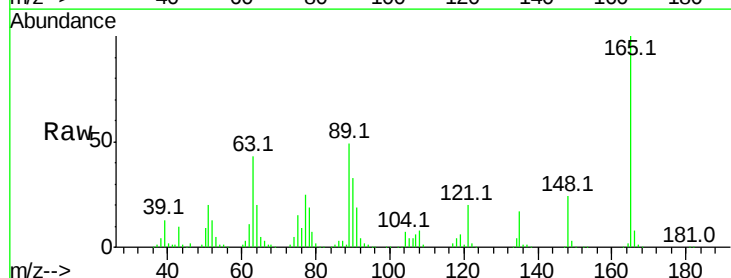
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 42.80 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.0	35.1	52.7
89	48.9	39.8	59.6

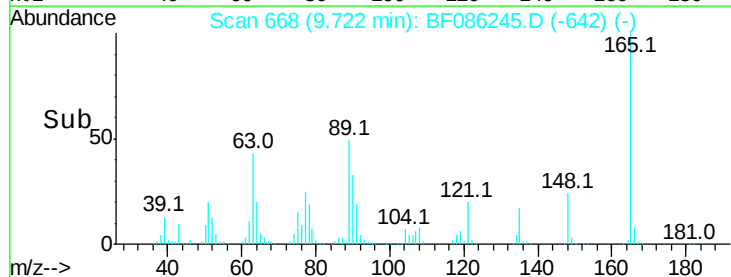
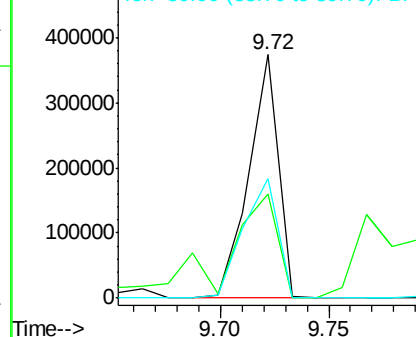


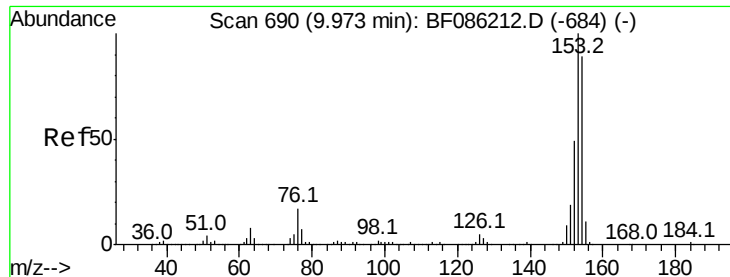
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.52 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1182837

Ion Ratio Lower Upper

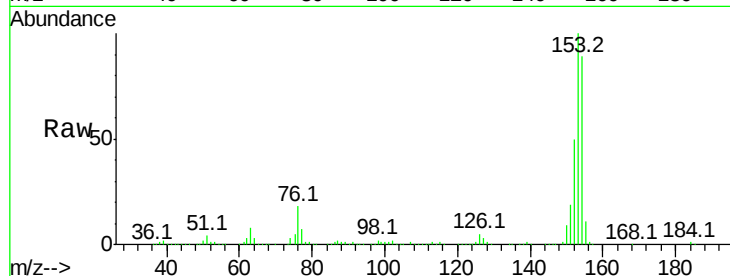
154 100

153 111.8 90.0 135.0

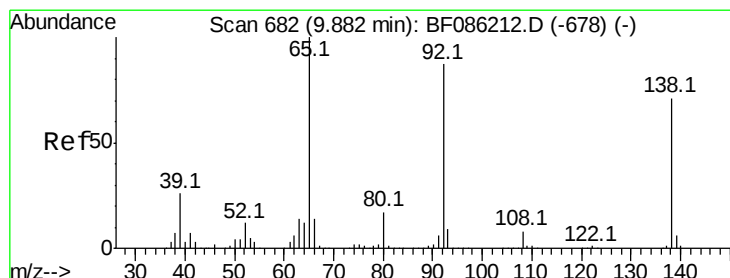
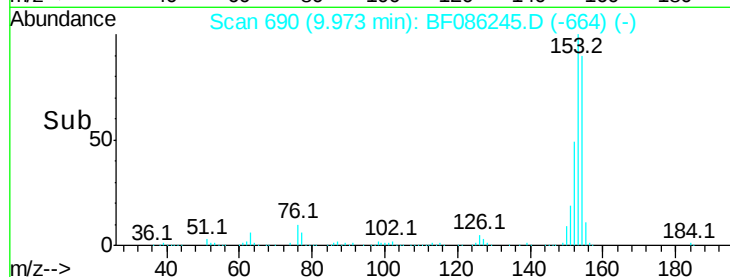
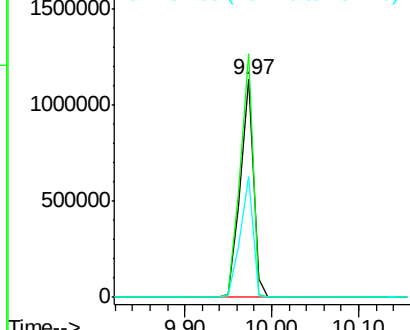
152 55.5 44.3 66.5

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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: 35.39 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

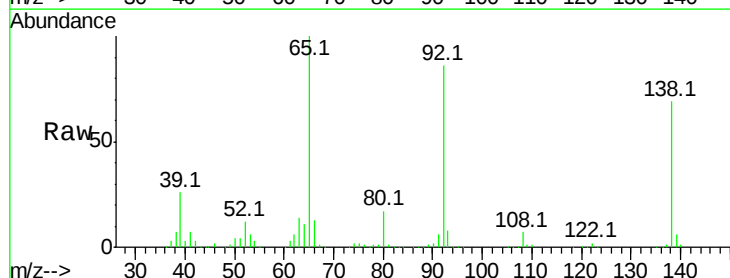
Tgt Ion:138 Resp: 352861

Ion Ratio Lower Upper

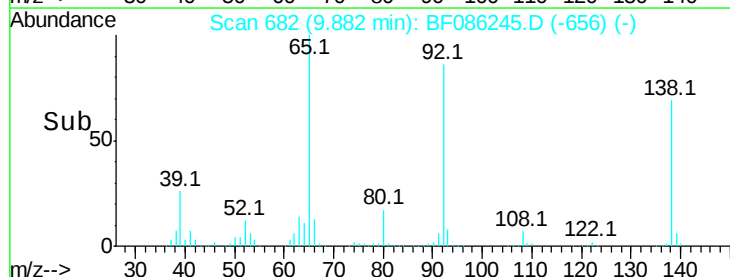
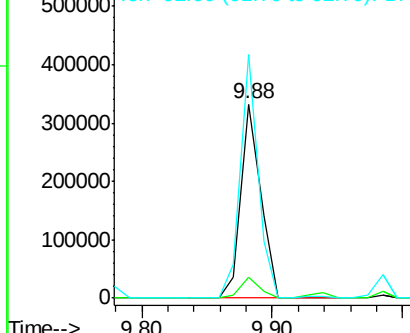
138 100

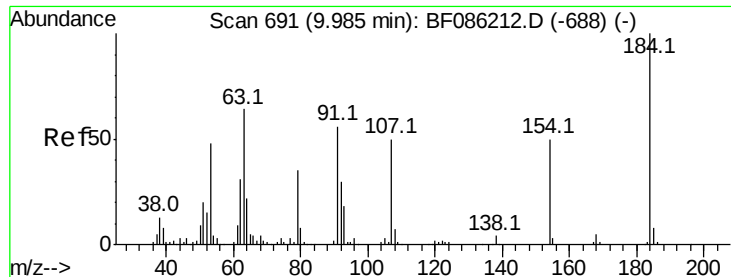
108 10.9 9.0 13.4

92 125.5 99.3 148.9



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





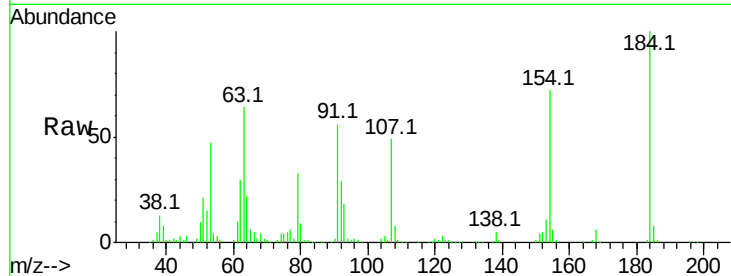
#53
 2,4-Dinitrophenol
 Concen: 36.37 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

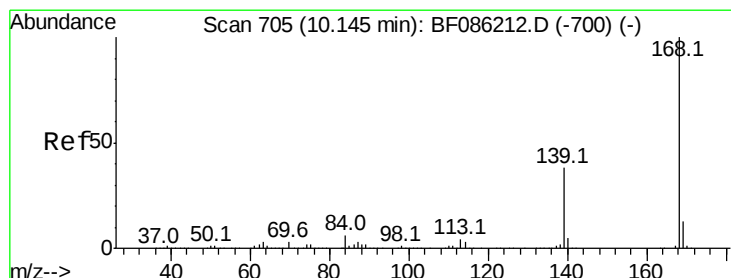
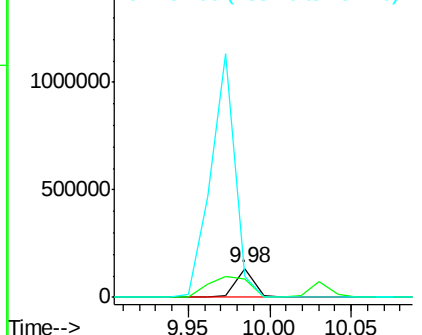
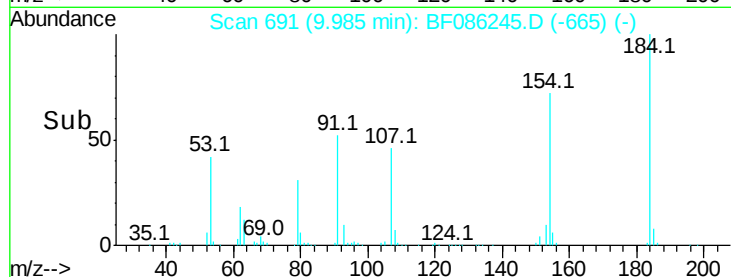
Tot Ion	Ratio	Resp	Lower	Upper
184	100	102915		
63	63.8	64.7	97.1#	
154	72.4	59.4	89.2	

Manual Integrations
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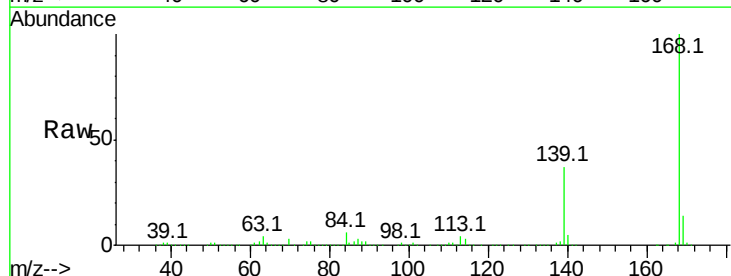


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

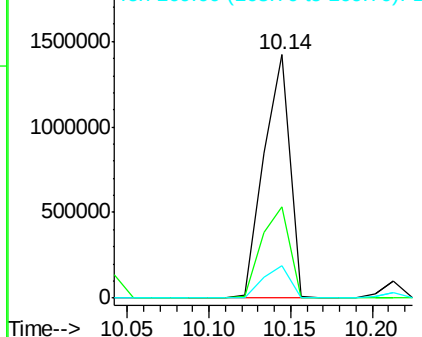
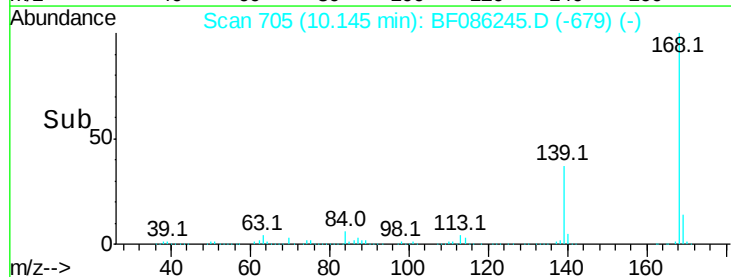


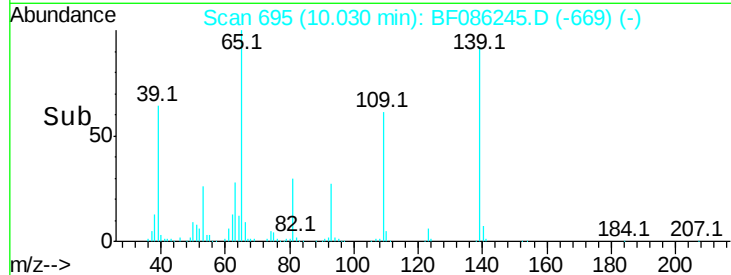
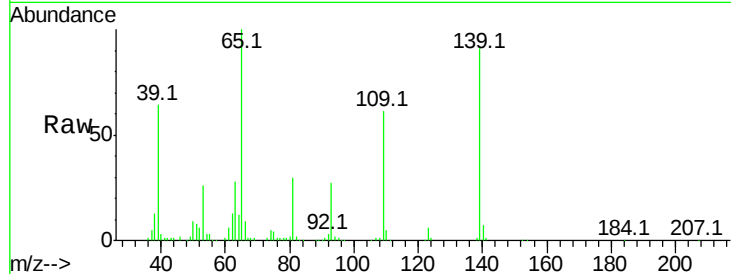
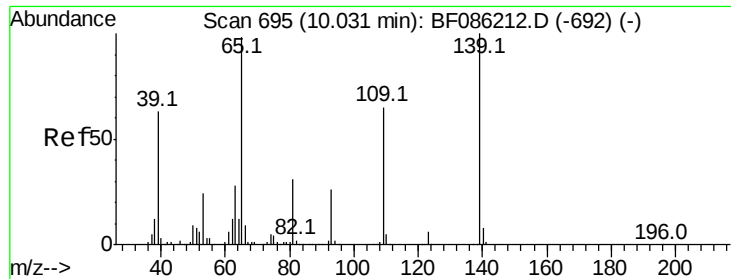
#54
 Dibenzofuran
 Concen: 41.99 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1579587		
139	37.3	29.5	44.3	
169	13.6	10.6	16.0	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





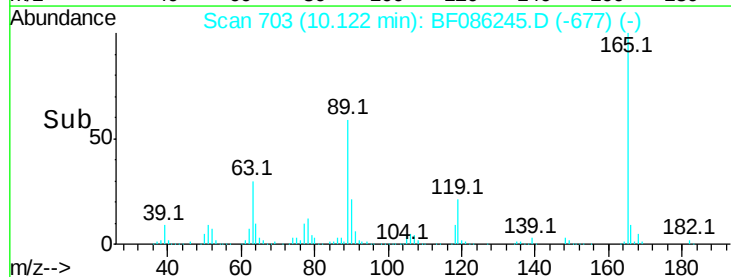
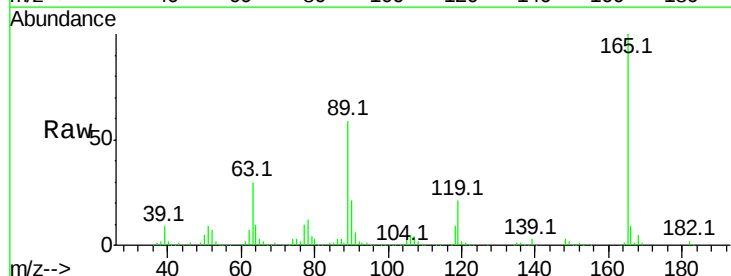
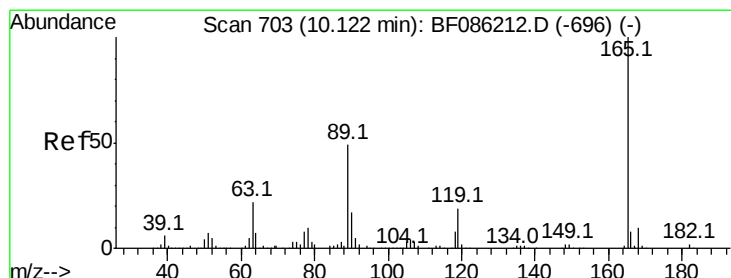
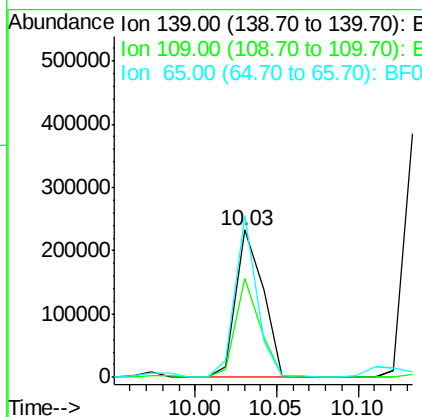
#55
4-Nitrophenol
Concen: 34.75 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tot Ion	Ratio	Resp	Lower	Upper
139	100	271035		
109	66.9	55.0	95.0	
65	109.4	87.3	127.3	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

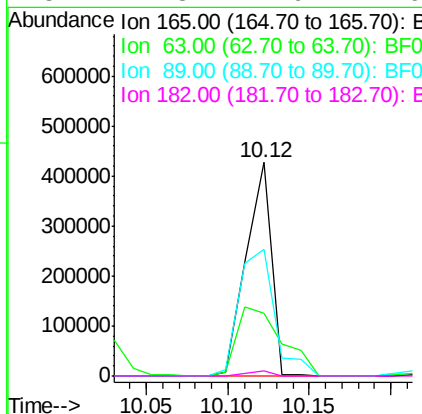
Manual Integrations
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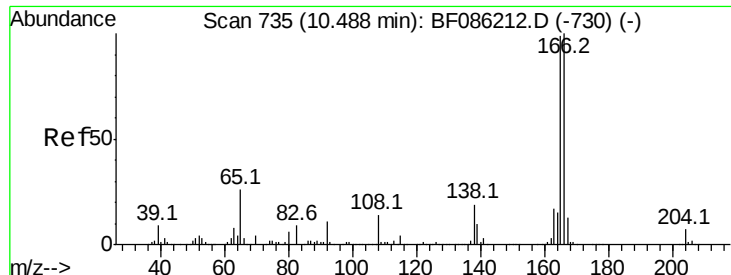
Sohil
4/18/2016 7:30:50 PM



#56
2,4-Dinitrotoluene
Concen: 43.52 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	457048		
63	29.6	26.6	40.0	
89	59.3	49.5	74.3	
182	2.3	1.9	2.9	





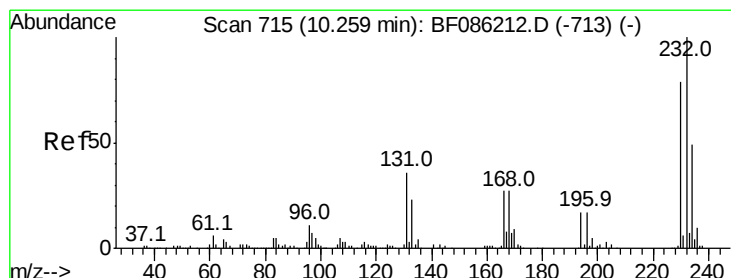
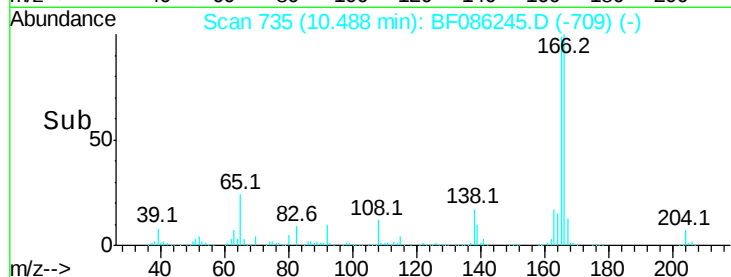
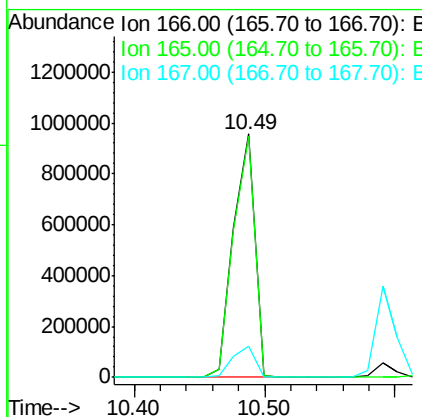
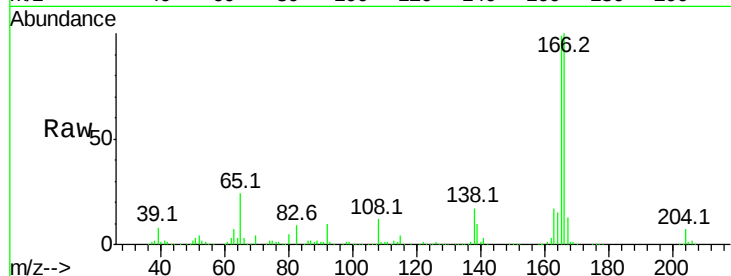
#57
Fluorene
 Concen: 42.07 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	13.0	10.4	15.6

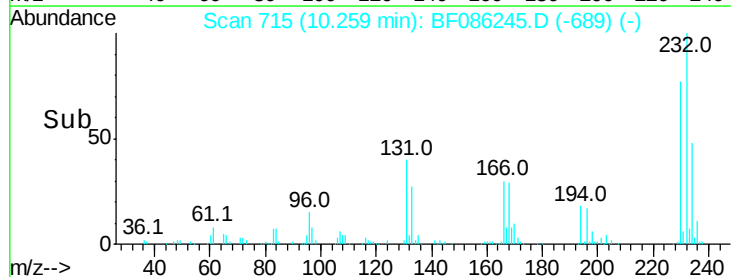
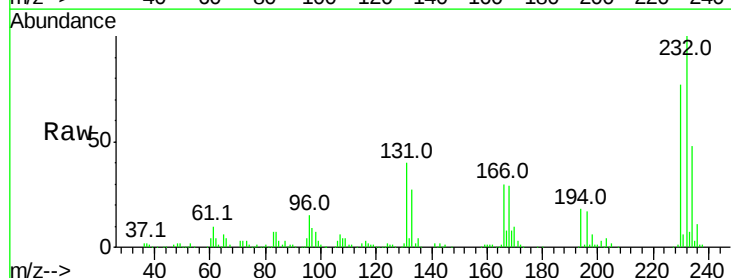
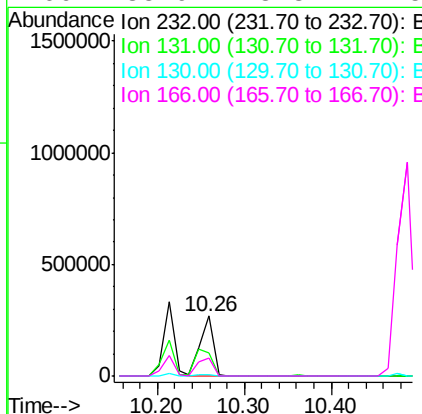
Manual Integrations
 APPROVED

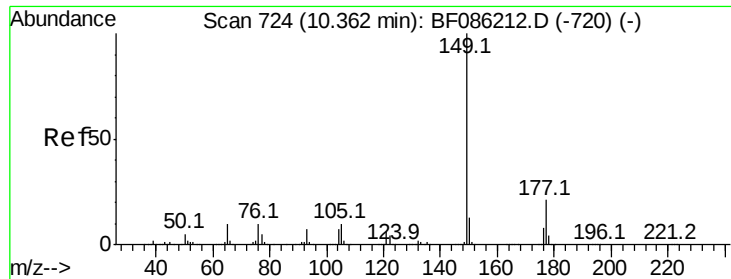
Sohil
 4/18/2016 7:30:50 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.80 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.1	46.6	70.0
130	2.9	2.5	3.7
166	35.9	28.3	42.5





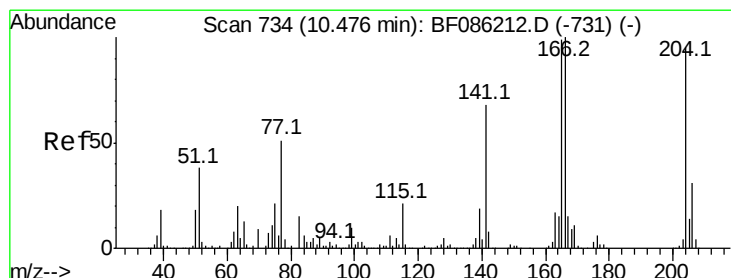
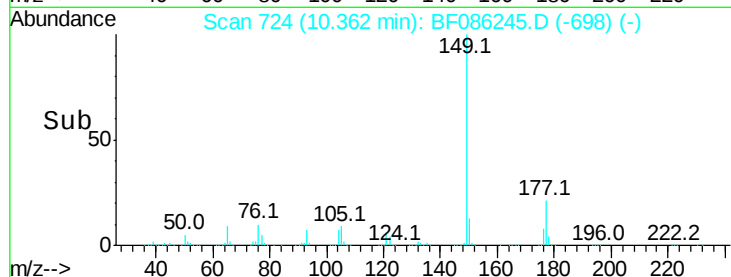
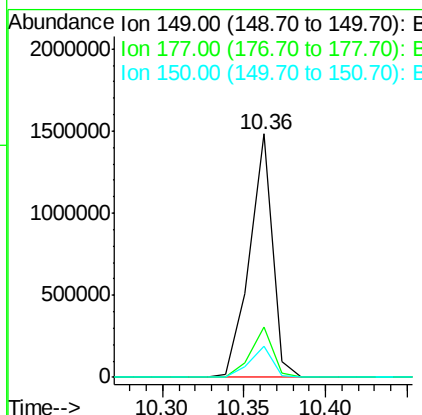
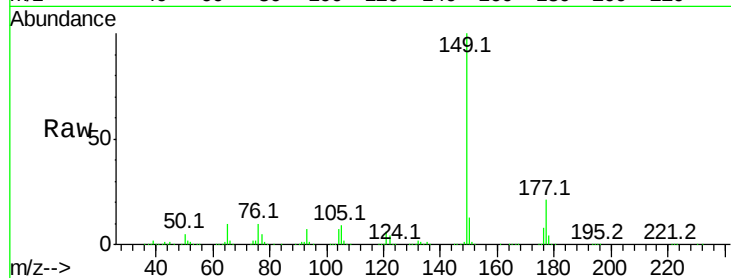
#59
Diethylphthalate
Concen: 37.81 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.0	25.6
150	12.6	10.2	15.4

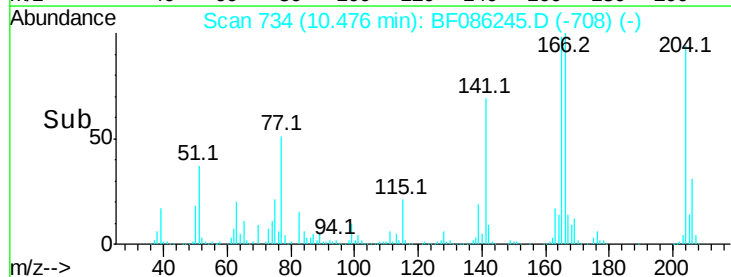
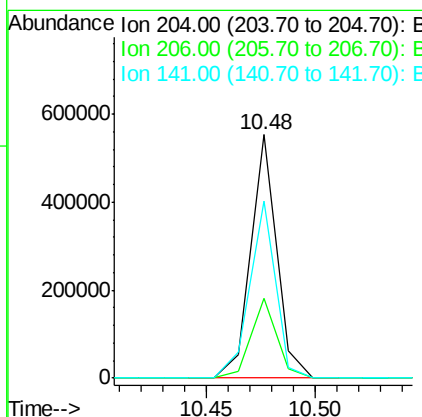
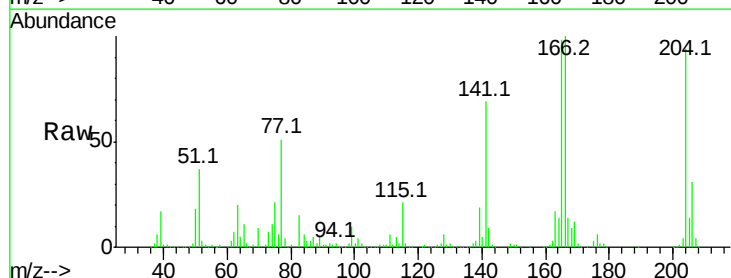
Manual Integrations
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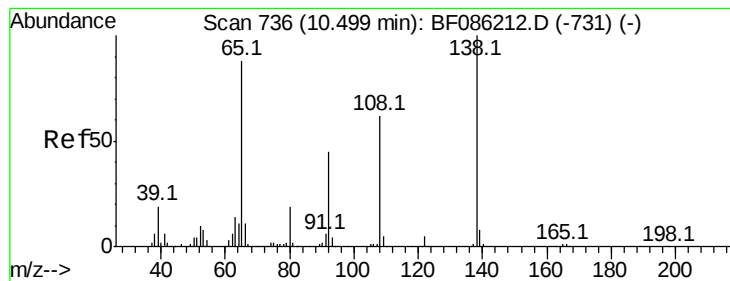
Sohil
4/18/2016 7:30:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.22 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	72.8	55.4	83.0





#61

4-Nitroaniline

Concen: 43.34 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

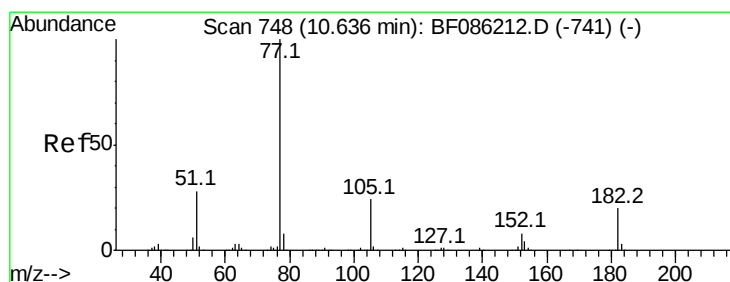
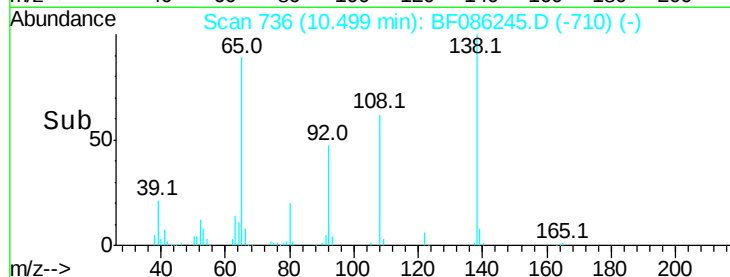
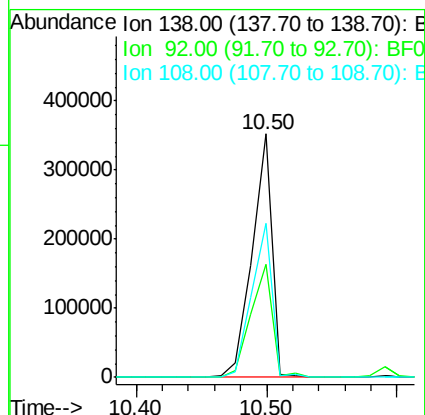
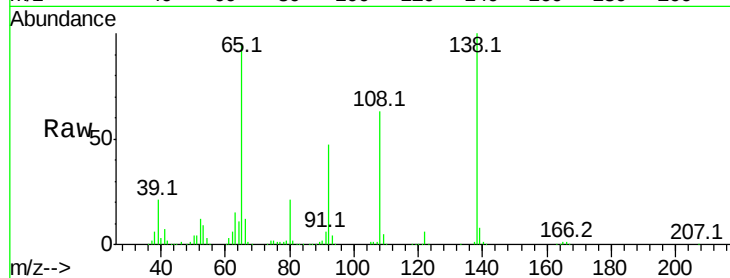
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	373406
Ion Ratio	Lower	Upper	
138	100		
92	46.7	31.9	71.9
108	63.4	58.7	98.7

Manual Integrations
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4/18/2016 7:30:50 PM



#62

Azobenzene

Concen: 36.30 ng

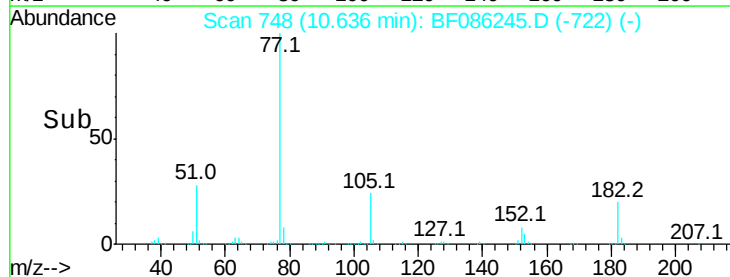
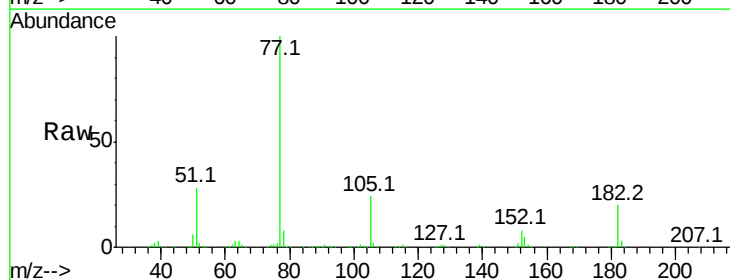
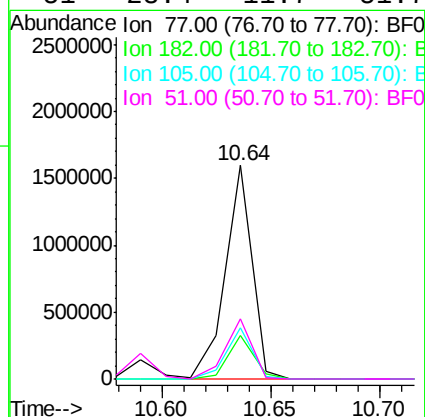
RT: 10.64 min Scan# 748

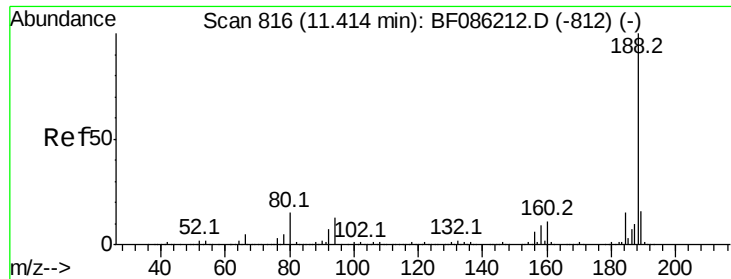
Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion:	77	Resp:	1359064
Ion Ratio	Lower	Upper	
77	100		
182	20.2	2.3	42.3
105	23.8	3.4	43.4
51	28.4	11.7	51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

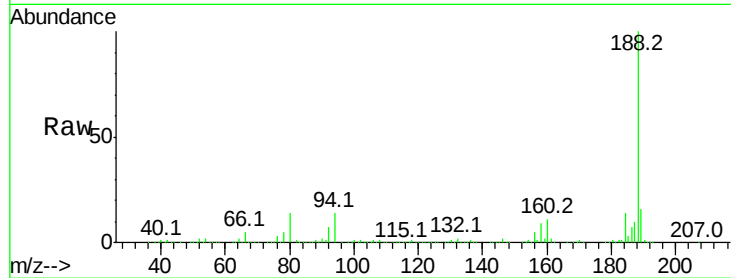
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	869702
Ion Ratio	Lower	Upper	
188	100		
94	13.6	9.8	14.8
80	14.4	10.5	15.7

Manual Integrations
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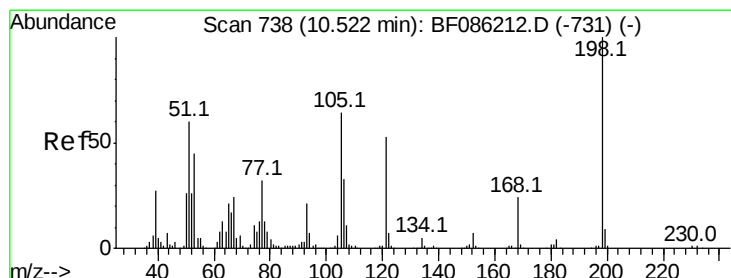
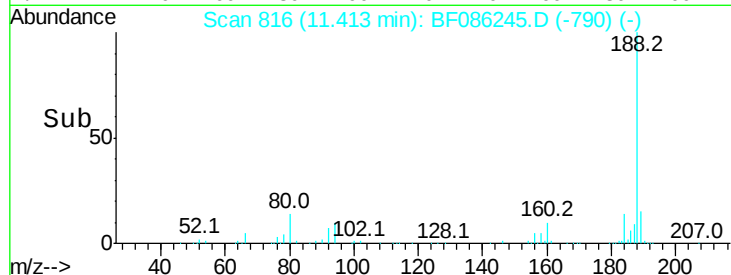
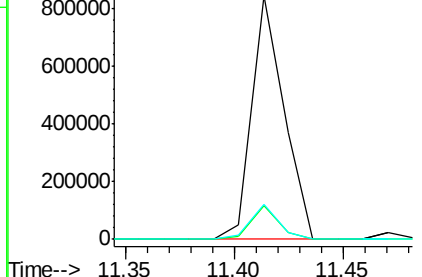
Sohil
4/18/2016 7:30:50 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.85 ng

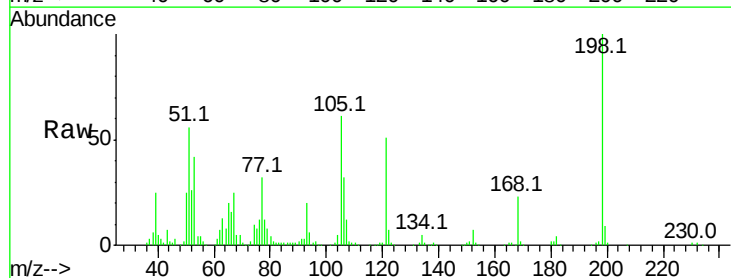
RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

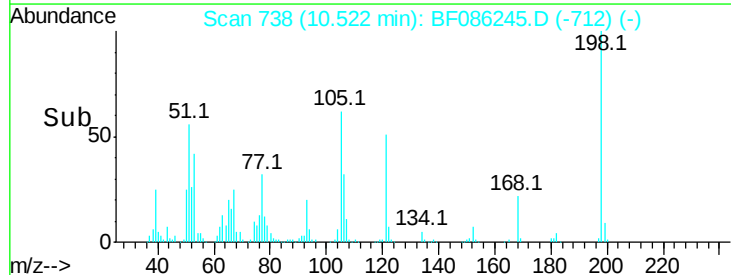
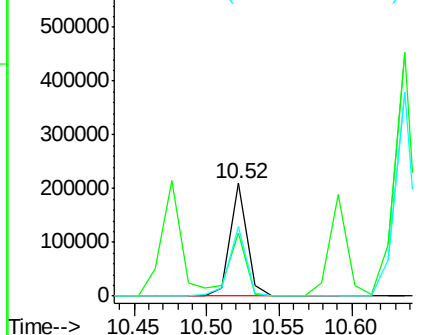
Tgt Ion:	198	Resp:	169084
Ion Ratio	Lower	Upper	
198	100		
51	56.4	56.5	96.5#
105	61.4	48.0	88.0

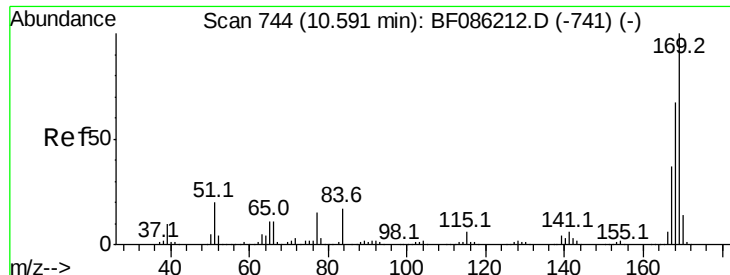


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





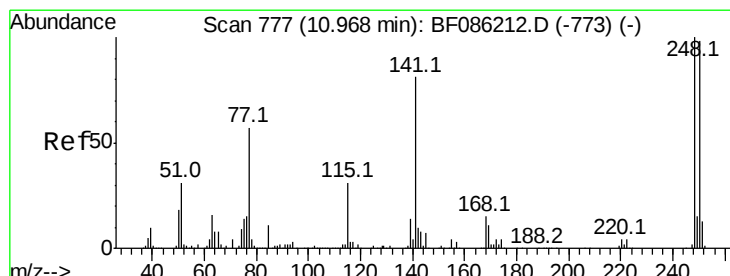
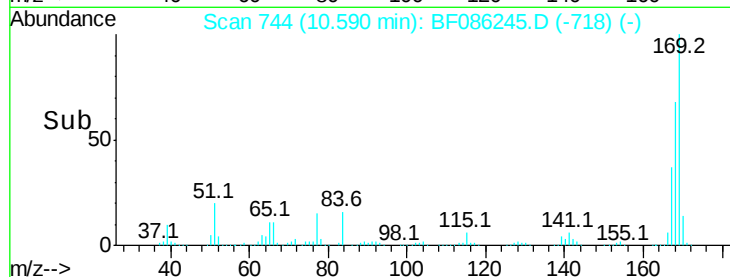
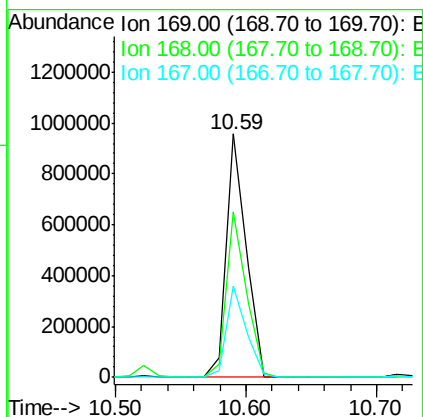
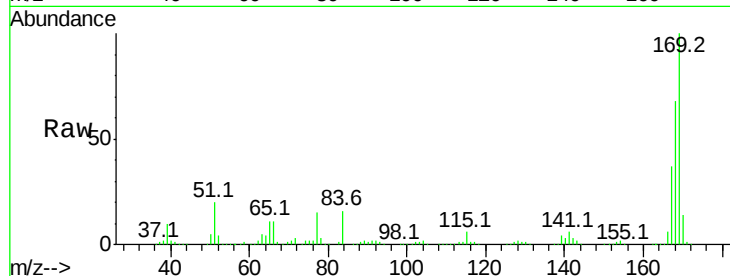
#65
 n-Nitrosodiphenylamine
 Concen: 37.89 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.3	81.5
167	37.3	30.2	45.2

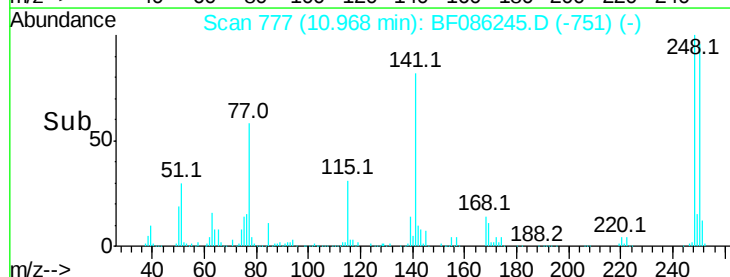
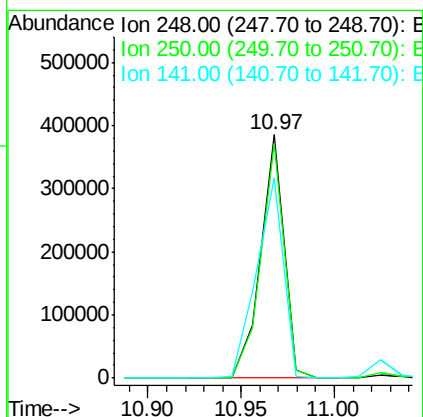
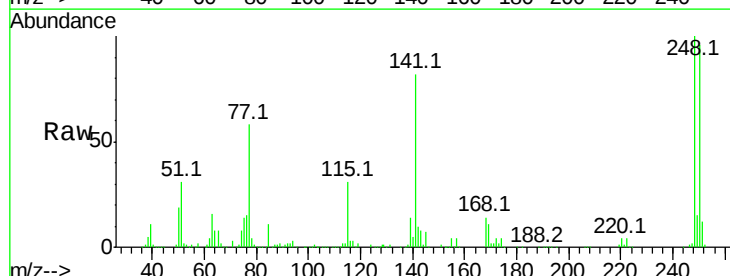
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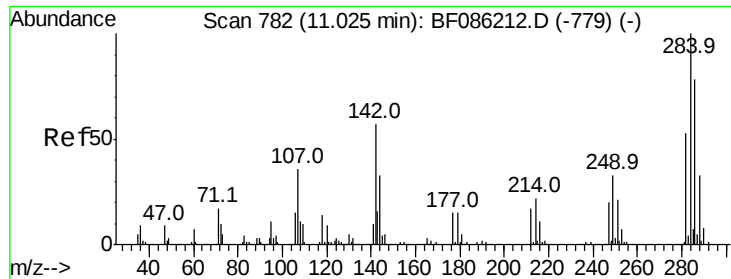
Sohil
 4/18/2016 7:30:50 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.76 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	118.0
141	82.0	57.9	86.9





#67

Hexachlorobenzene

Concen: 39.46 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

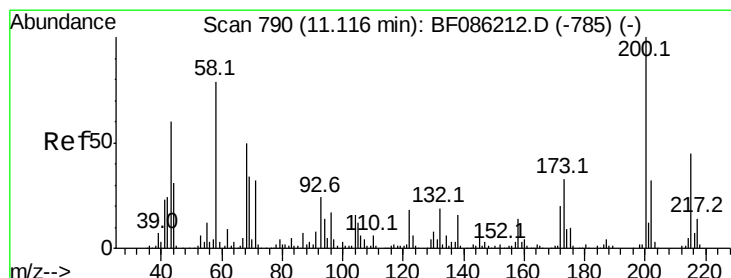
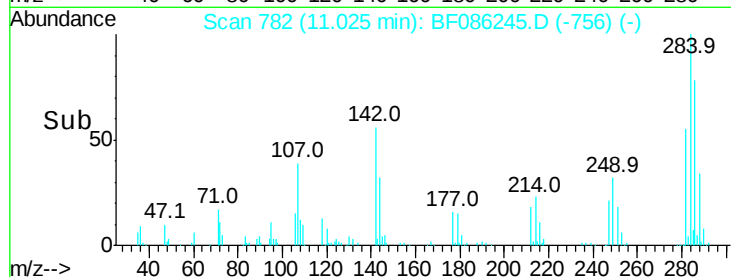
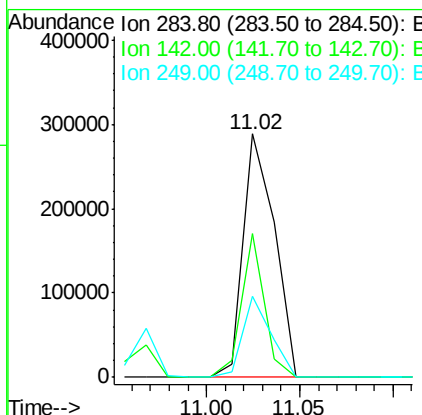
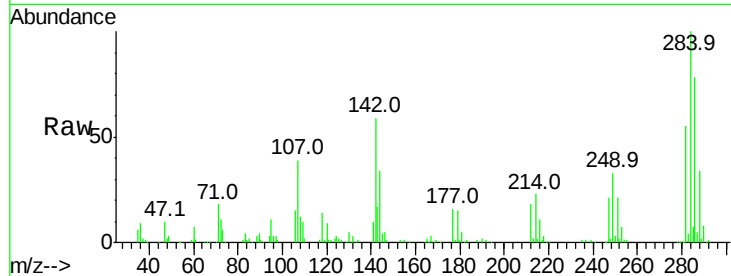
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	335146
Ion Ratio	Lower	Upper	
284	100		
142	58.8	42.6	64.0
249	33.3	25.9	38.9

Manual Integrations
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4/18/2016 7:30:50 PM



#68

Atrazine

Concen: 42.09 ng

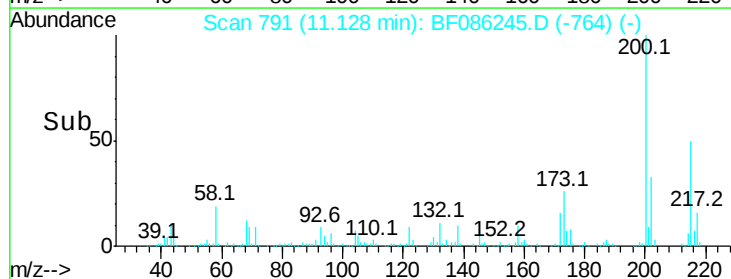
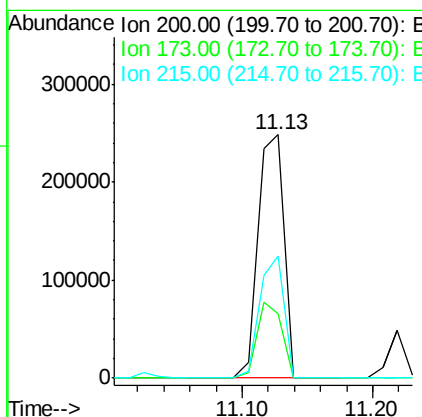
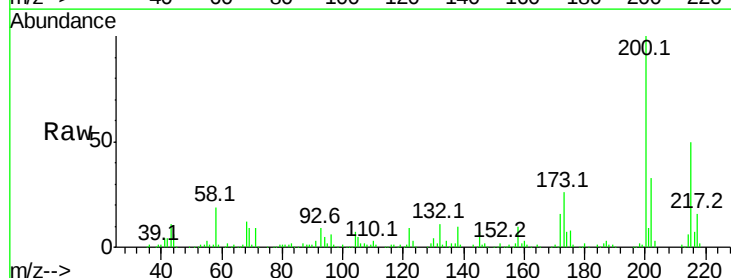
RT: 11.13 min Scan# 791

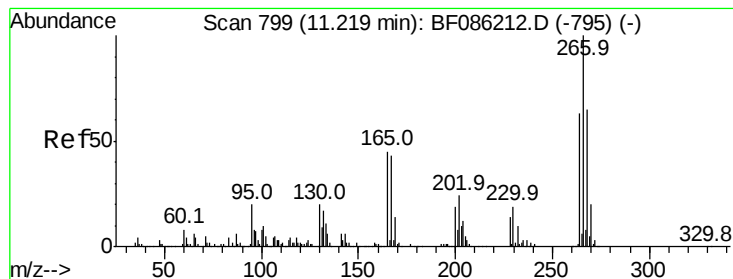
Delta R.T. 0.01 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion:	200	Resp:	343529
Ion Ratio	Lower	Upper	
200	100		
173	26.4	11.2	51.2
215	49.9	24.0	64.0





#69

Pentachlorophenol

Concen: 40.84 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

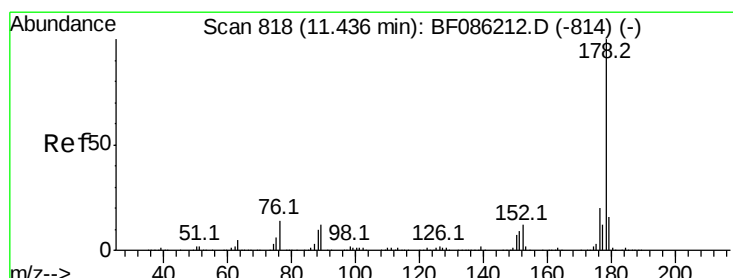
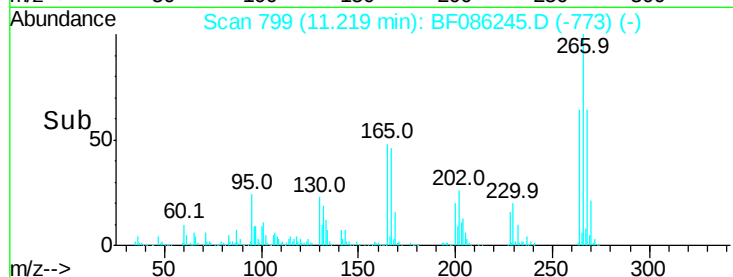
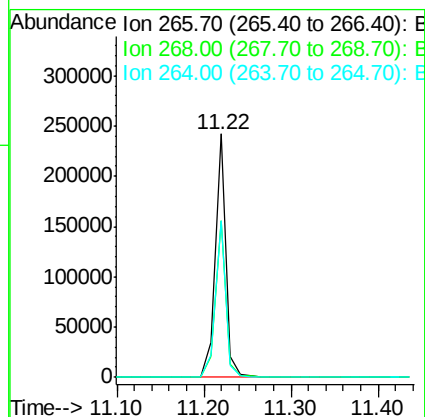
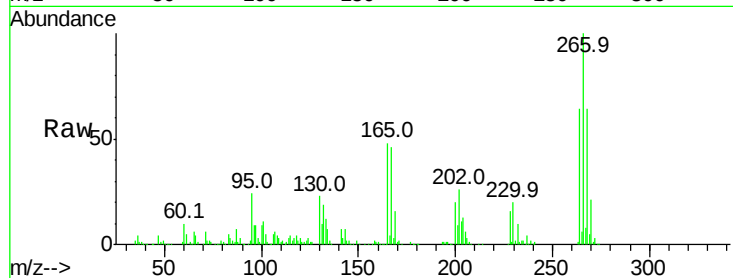
ClientSampleId :

SSTDCCC040

Tot Ion:	266	Resp:	210362
Ion Ratio	Lower	Upper	
266	100		
268	64.5	53.0	79.4
264	64.5	51.3	76.9

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#70

Phenanthrene

Concen: 41.10 ng

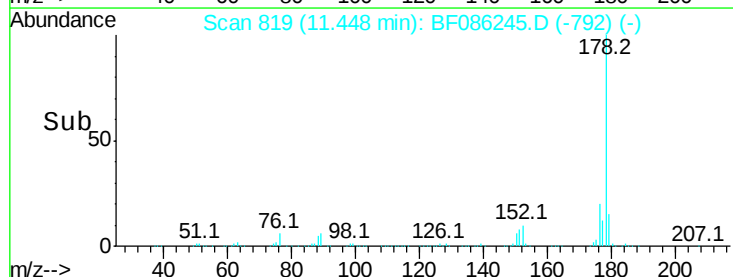
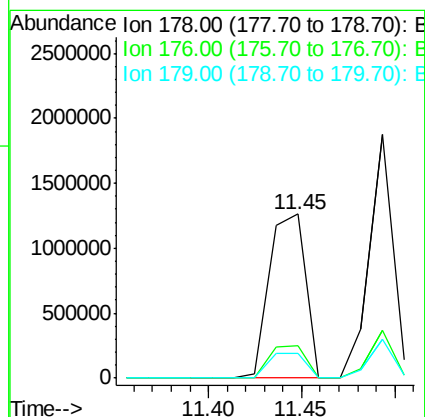
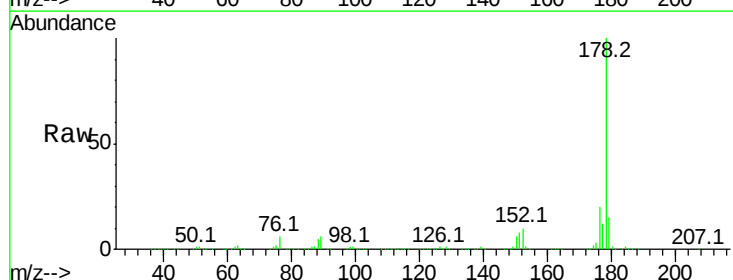
RT: 11.45 min Scan# 819

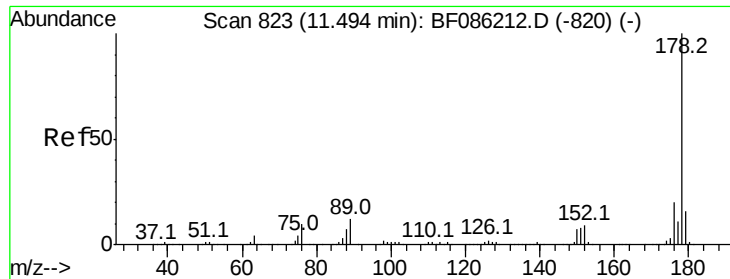
Delta R.T. 0.01 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion:	178	Resp:	1707275
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.3	24.5
179	15.0	13.0	19.6





#71
 Anthracene
 Concen: 40.72 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

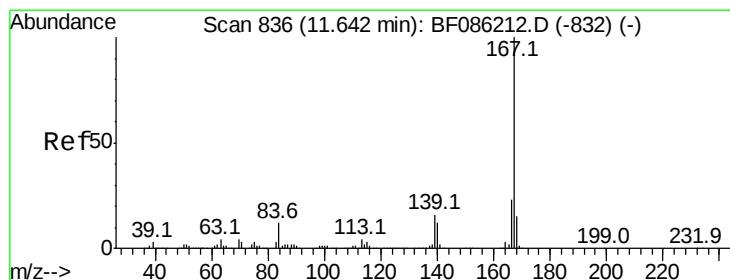
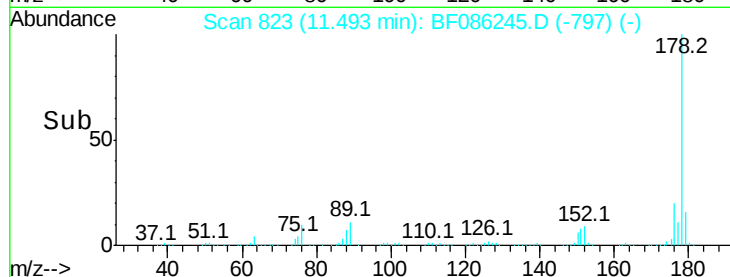
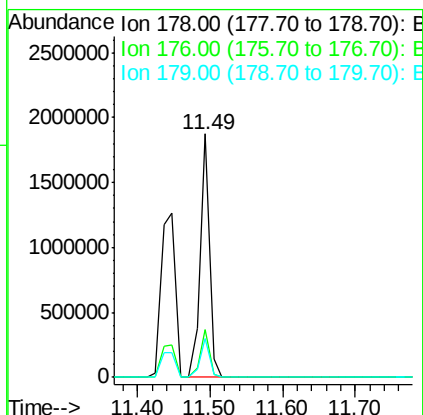
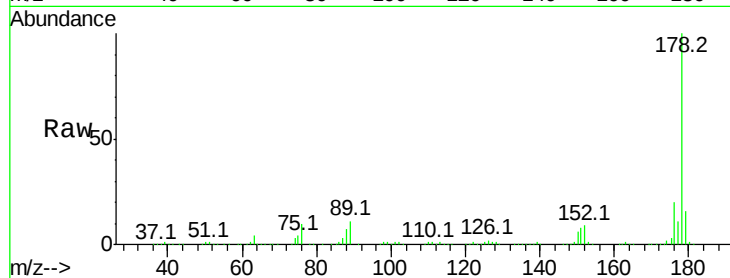
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1653482

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.1	13.2	19.8

Manual Integrations
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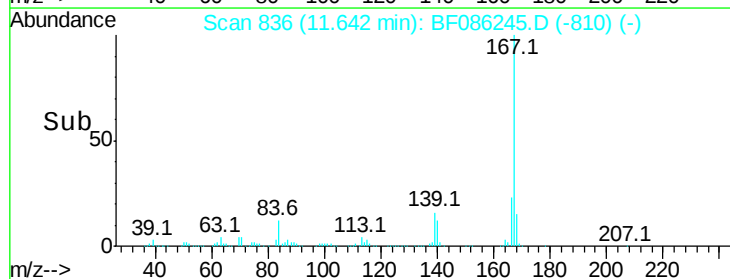
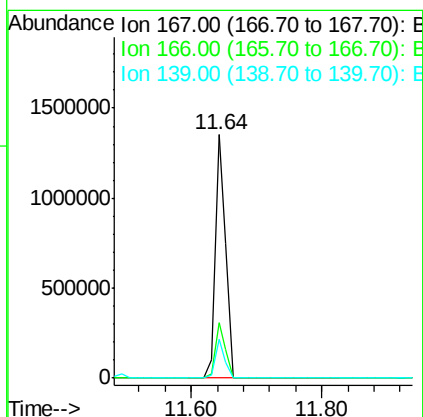
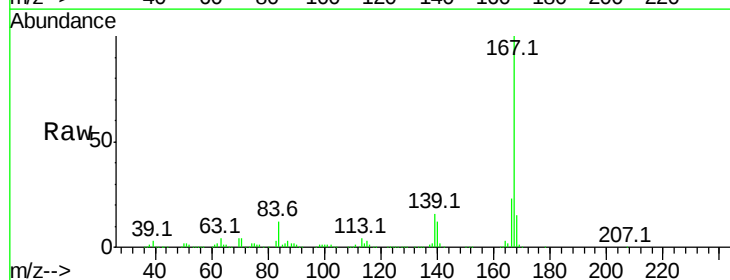
Sohil
 4/18/2016 7:30:50 PM

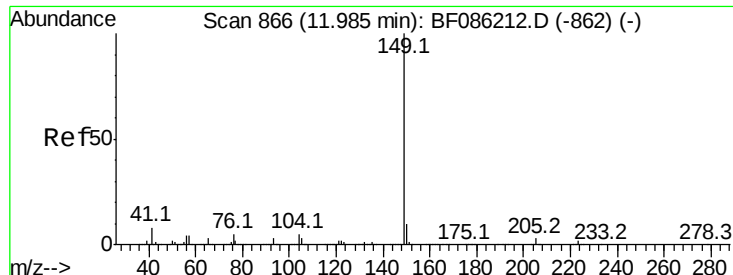


#72
 Carbazole
 Concen: 38.61 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion:167 Resp: 1525309

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.3	27.5
139	15.7	12.3	18.5





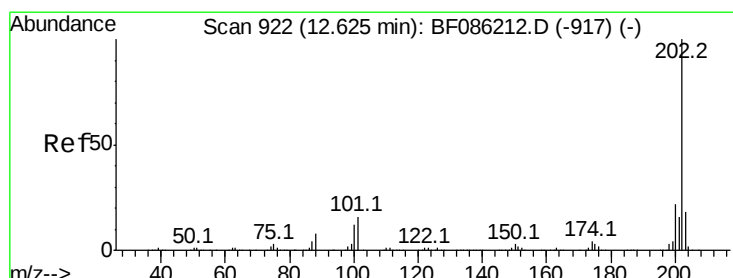
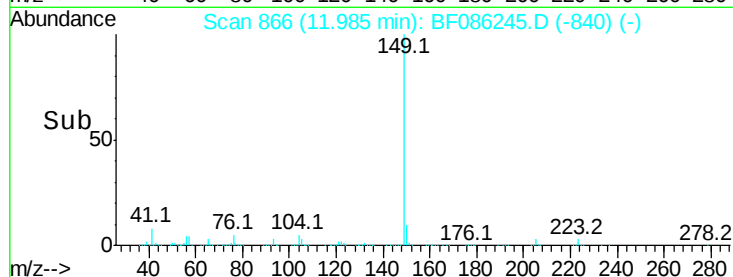
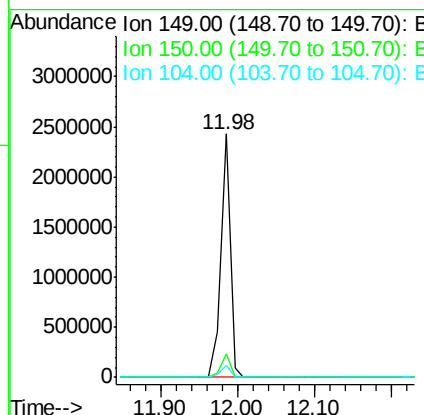
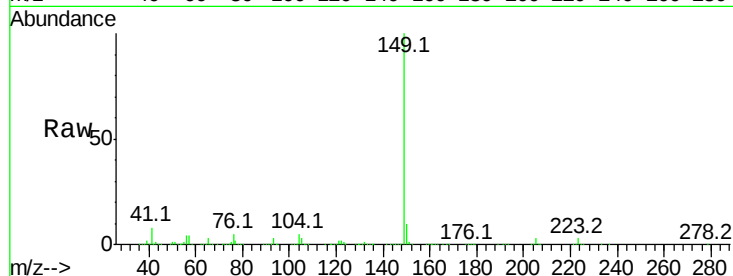
#73
Di-n-butylphthalate
Concen: 38.30 ng
RT: 11.98 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 2045858
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.8
104 5.1 4.1 6.1

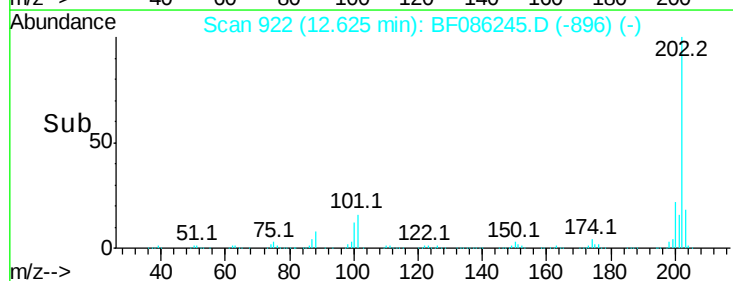
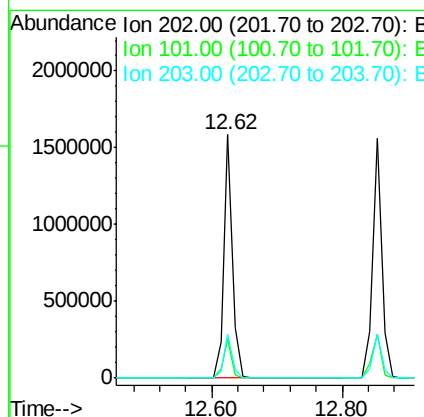
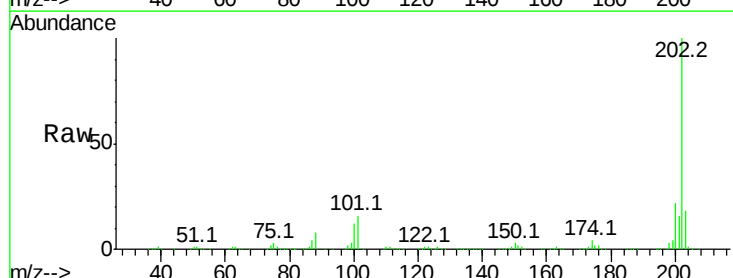
Manual Integrations
APPROVED

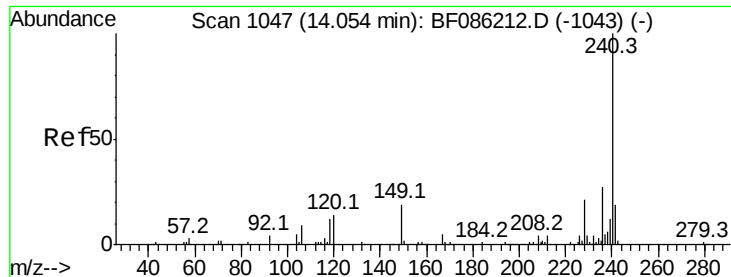
Sohil
4/18/2016 7:30:50 PM



#74
Fluoranthene
Concen: 41.07 ng
RT: 12.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion:202 Resp: 1485967
Ion Ratio Lower Upper
202 100
101 15.7 0.0 35.2
203 18.3 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

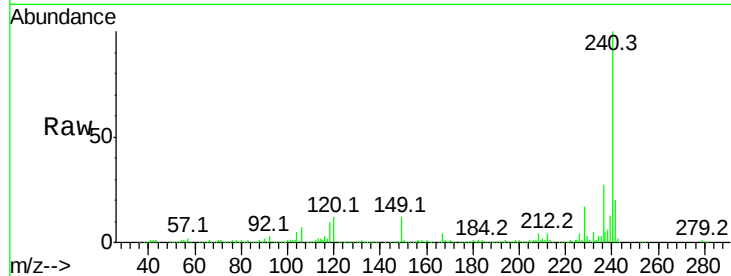
ClientSampleId :

SSTDCCC040

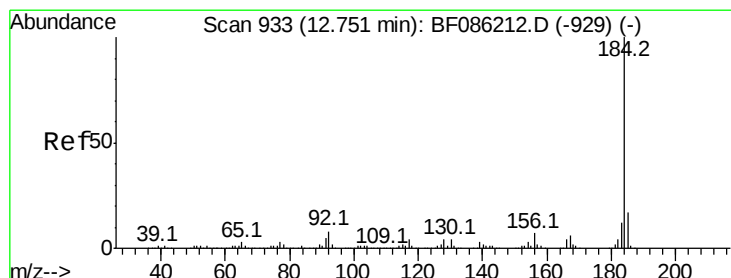
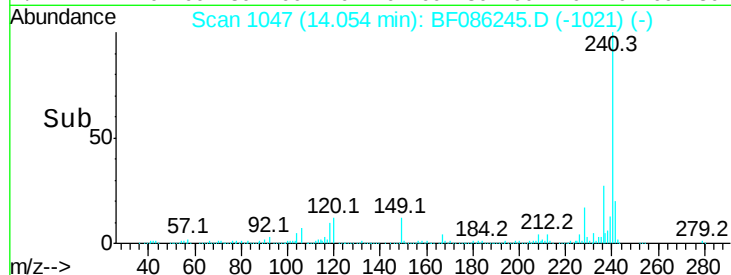
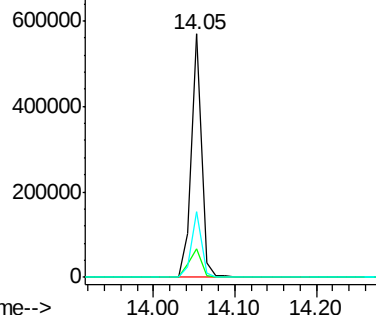
Tot Ion:	240	Resp:	494285
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.3	13.9
236	27.0	21.1	31.7

Manual Integrations
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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: 47.56 ng

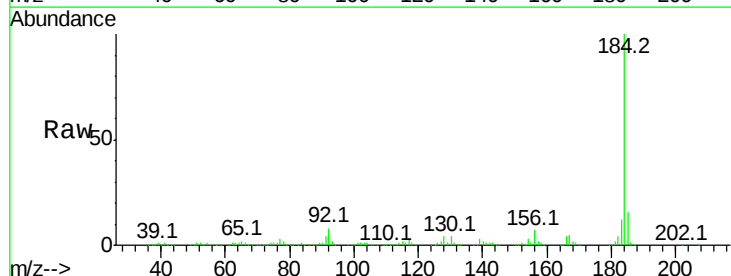
RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

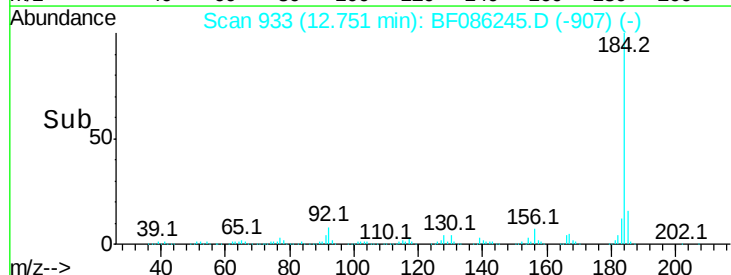
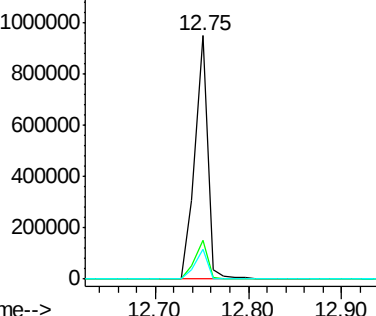
Lab File: BF086245.D

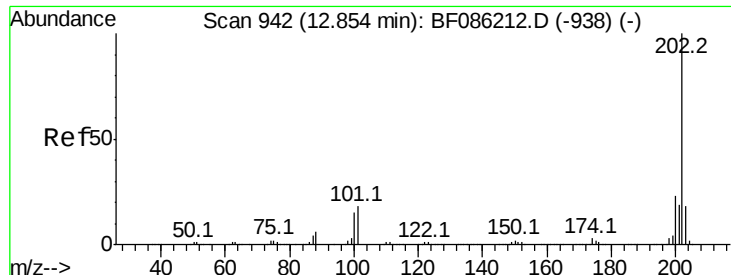
Acq: 16 Apr 2016 5:36

Tgt Ion:	184	Resp:	911845
Ion Ratio	Lower	Upper	
184	100		
185	16.0	14.2	21.2
183	12.1	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





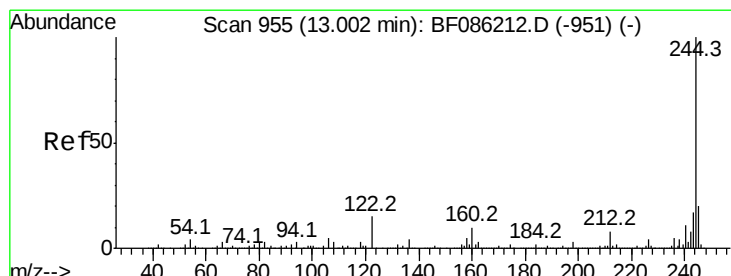
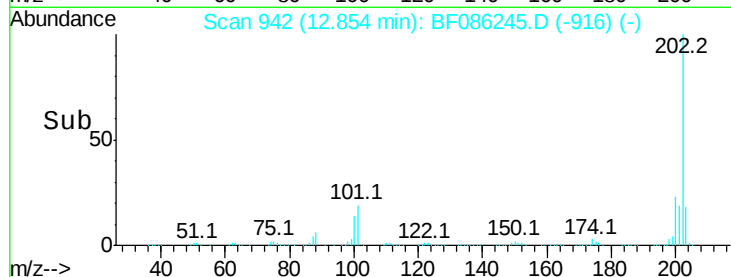
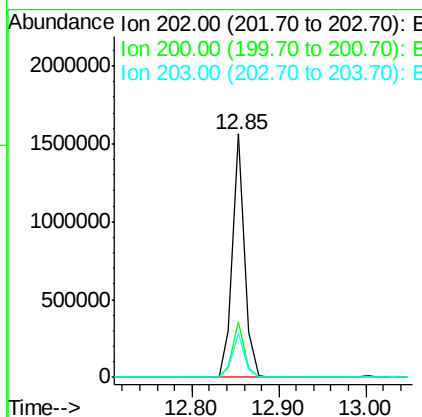
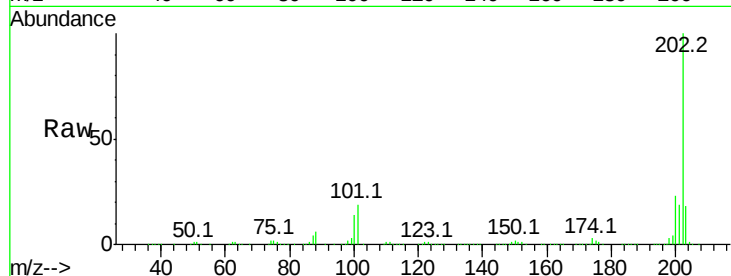
#77
Pvrene
Concen: 39.35 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	18.3	14.9	22.3

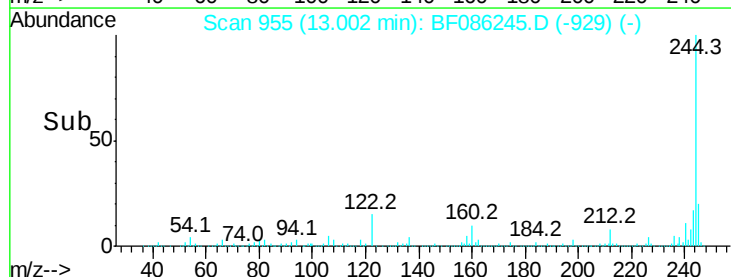
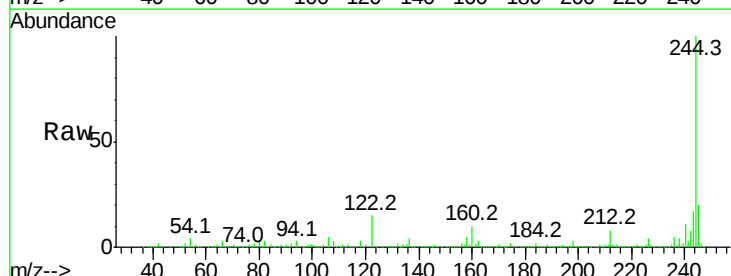
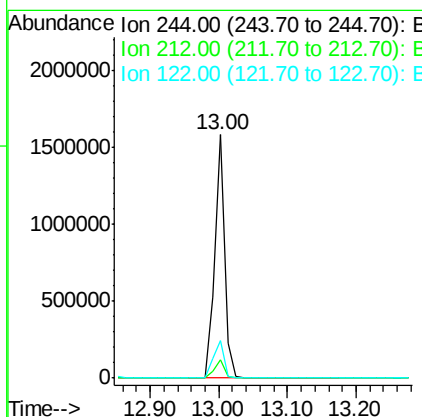
Manual Integrations
APPROVED

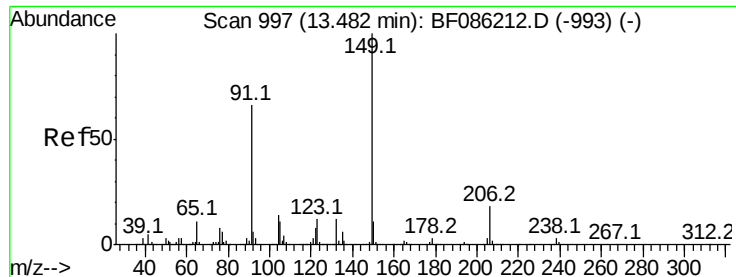
Sohil
4/18/2016 7:30:50 PM



#78
Terphenyl-d14
Concen: 82.24 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	15.2	11.7	17.5





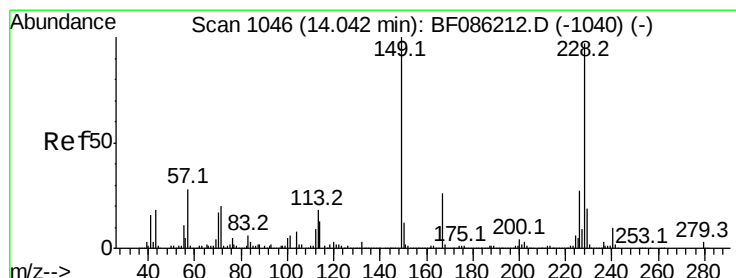
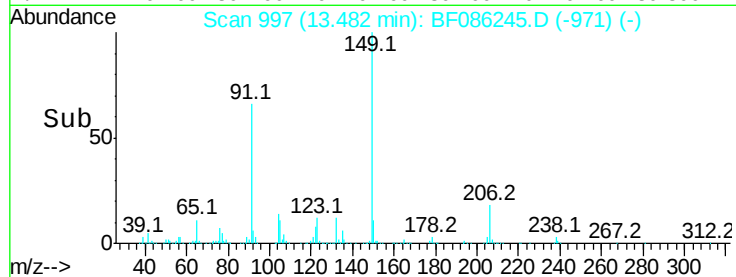
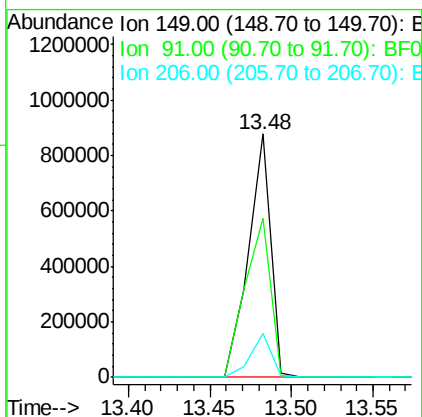
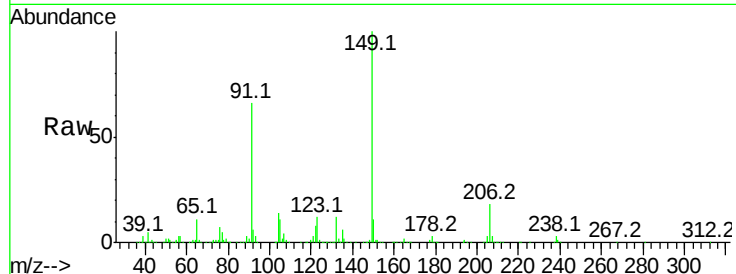
#79
Butylbenzylphthalate
Concen: 47.31 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	828719		
91	65.6	48.7	73.1	
206	18.3	15.7	23.5	

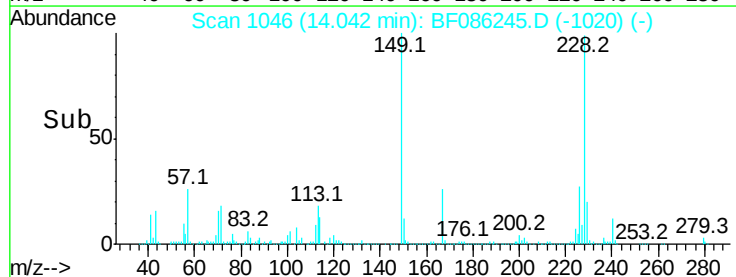
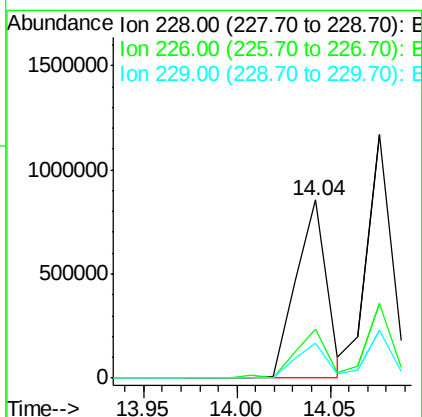
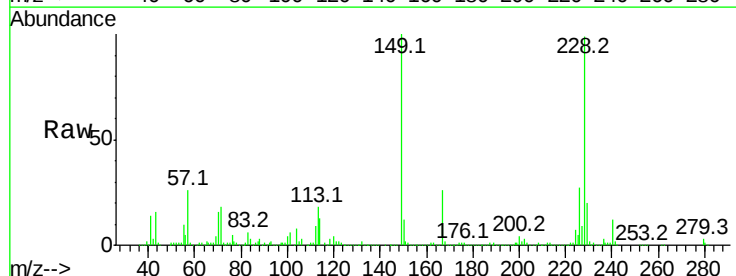
Manual Integrations
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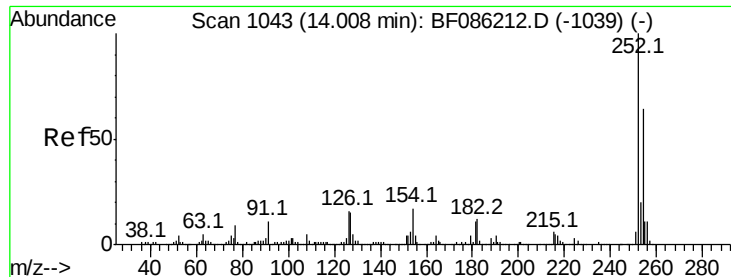
Sohil
4/18/2016 7:30:50 PM



#80
Benzo(a)anthracene
Concen: 36.09 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	979336		
226	27.8	22.5	33.7	
229	19.8	16.2	24.2	





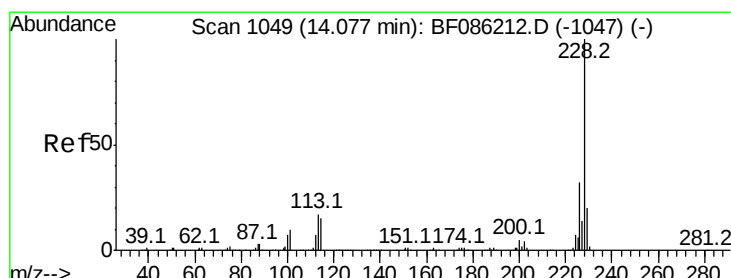
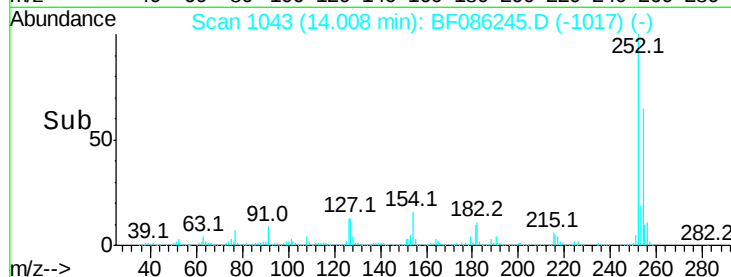
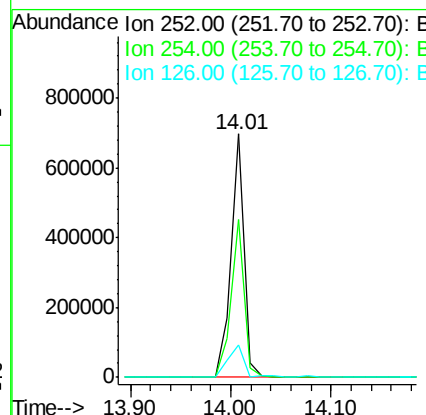
#81
 3,3'-Dichlorobenzidine
 Concen: 40.36 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	13.4	13.2	19.8

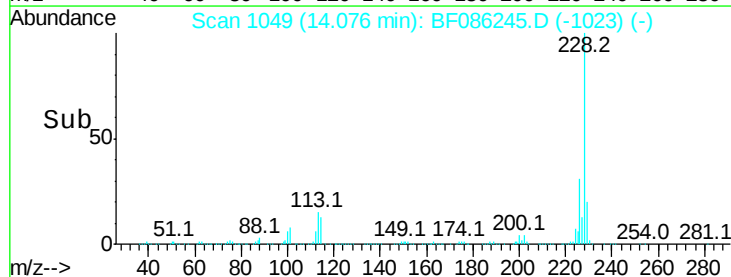
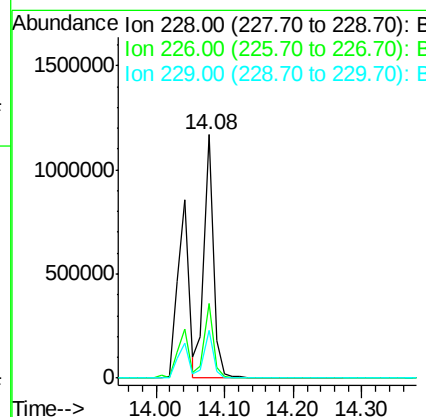
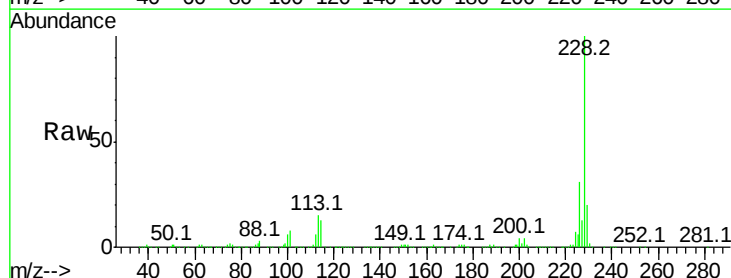
Manual Integrations
 APPROVED

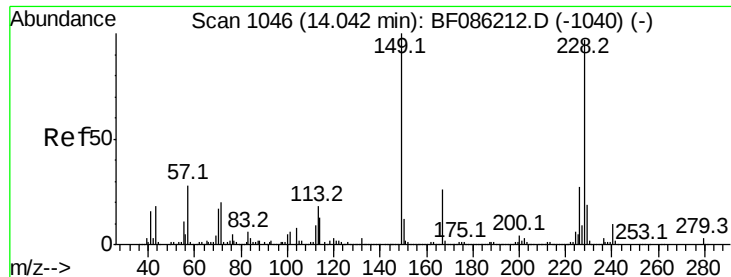
Sohil
 4/18/2016 7:30:50 PM



#82
 Chrysene
 Concen: 37.84 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.2
229	19.9	16.5	24.7





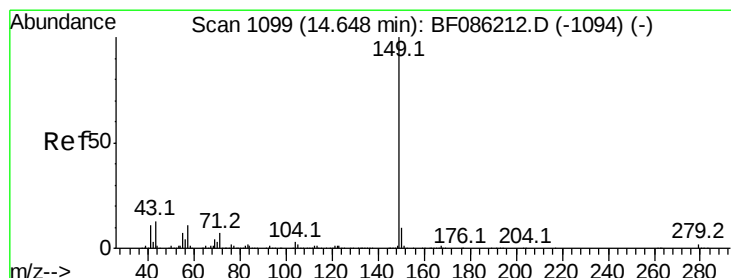
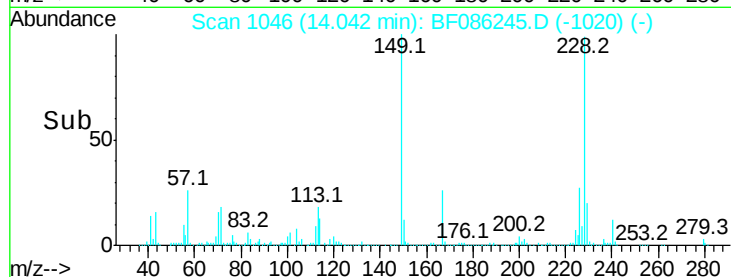
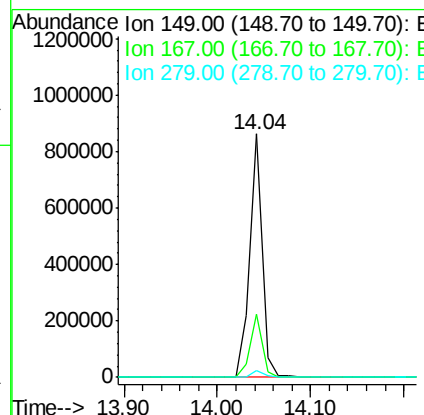
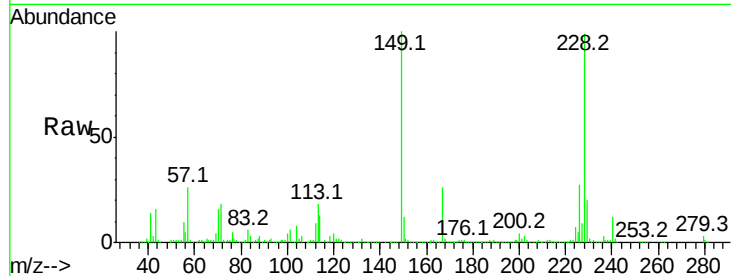
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.44 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	802759		
167	25.8		21.0	31.4
279	2.7		2.4	3.6

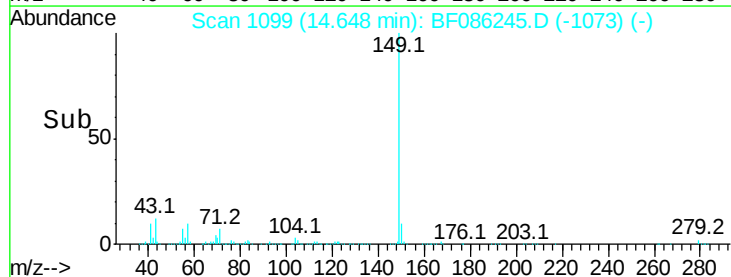
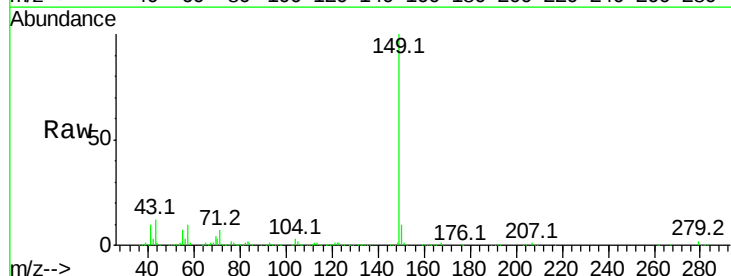
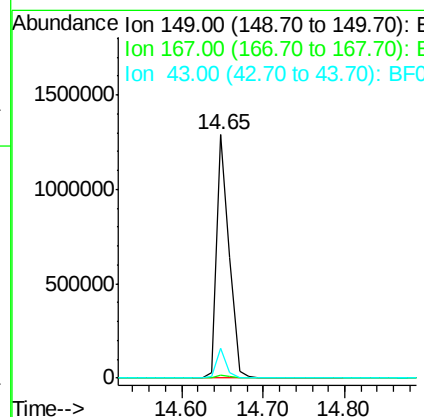
Manual Integrations
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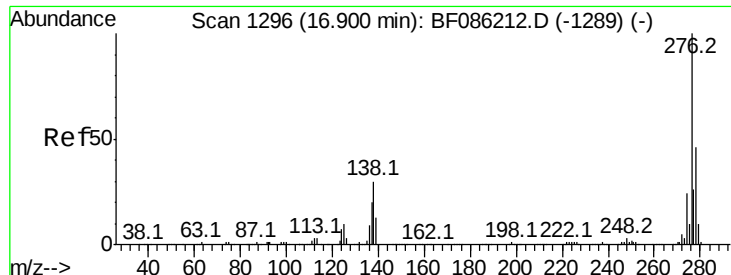
Sohil
 4/18/2016 7:30:50 PM



#84
 Di-n-octyl phthalate
 Concen: 38.11 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086245.D
 Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1389513		
167	1.5		1.1	1.7
43	10.0		9.1	13.7





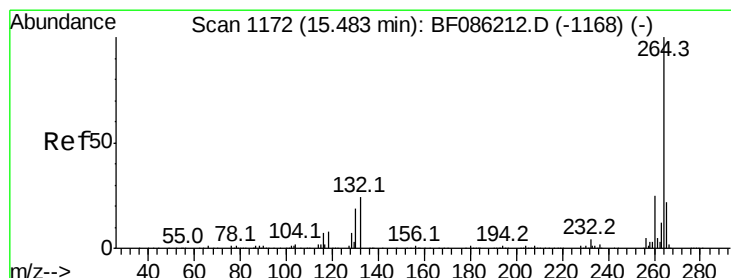
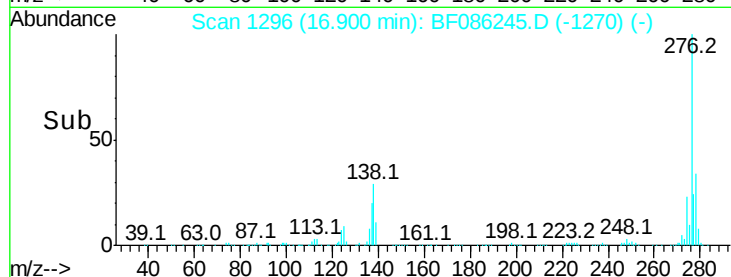
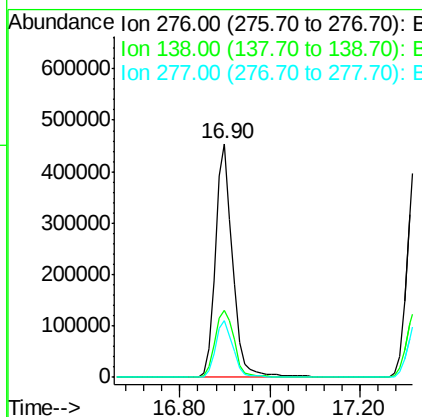
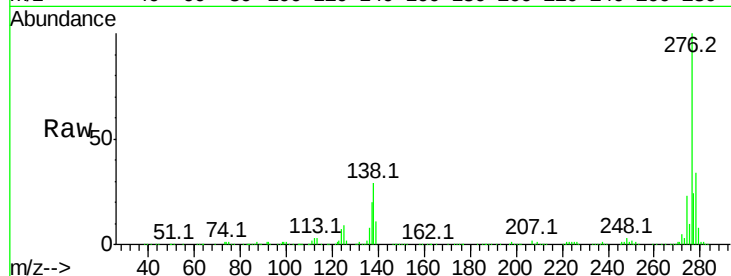
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.64 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	23.8	35.6
277	25.1	20.2	30.2

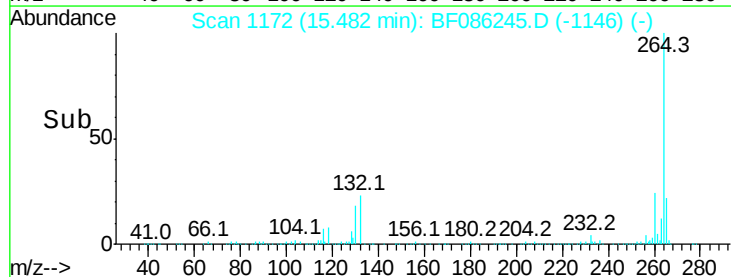
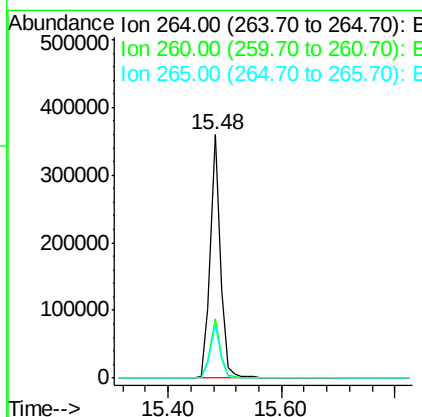
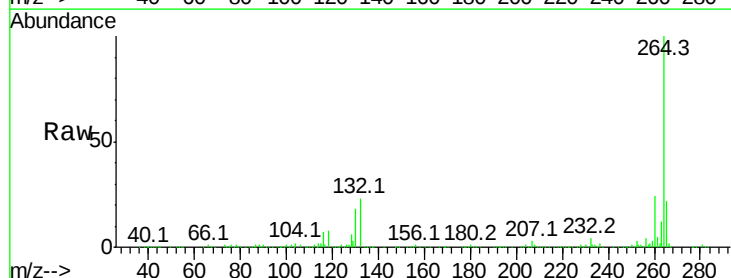
Manual Integrations
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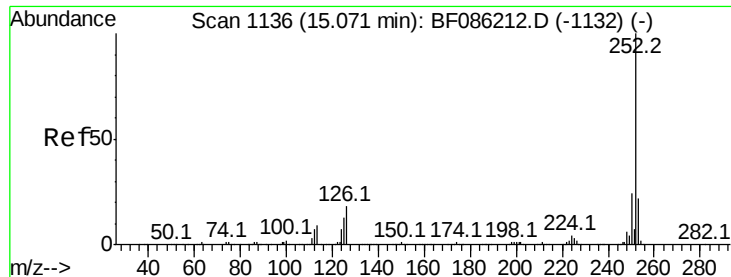
Sohil
4/18/2016 7:30:50 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 34.94 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

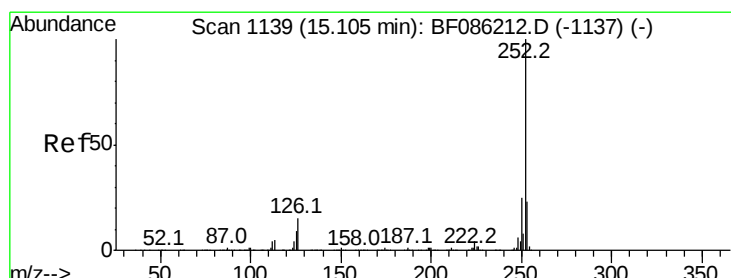
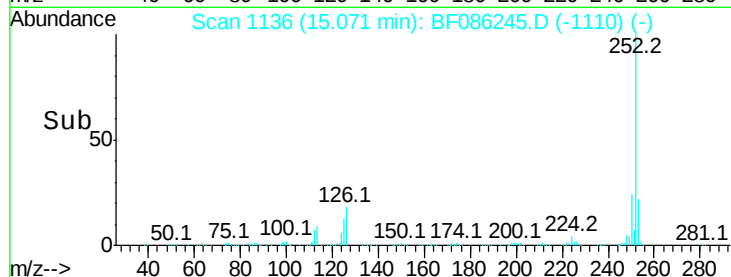
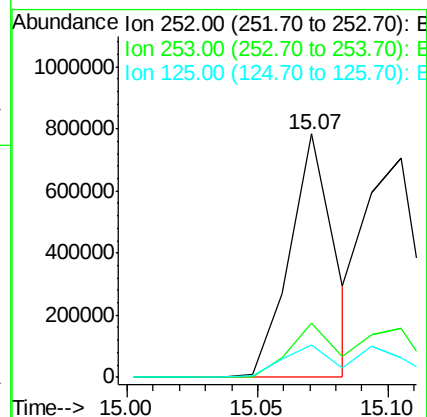
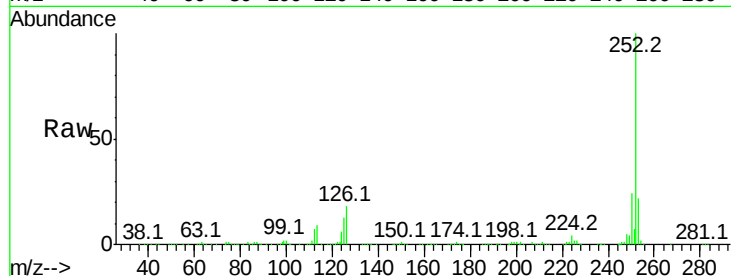
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	931083
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	13.5	10.3	15.5

Manual Integrations
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4/18/2016 7:30:50 PM



#88

Benzo(k)fluoranthene

Concen: 40.00 ng m

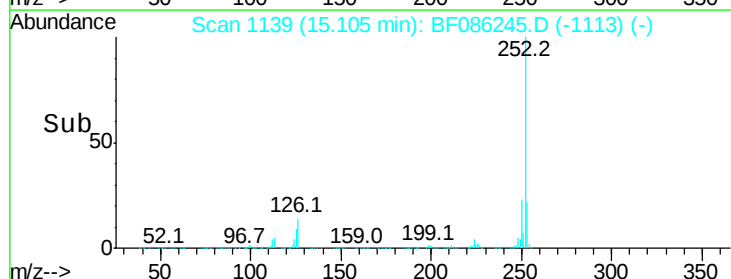
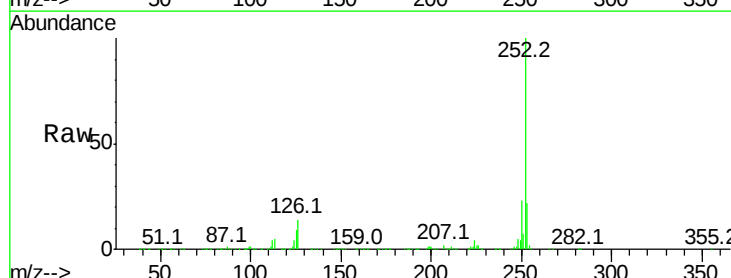
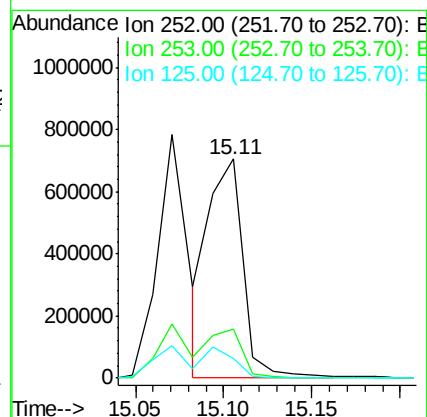
RT: 15.11 min Scan# 1139

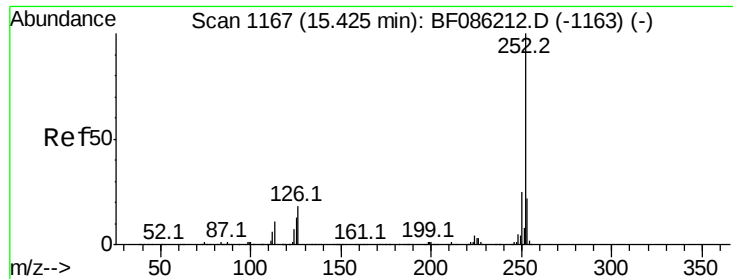
Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Tgt Ion:	252	Resp:	971779
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	9.1	7.8	11.6





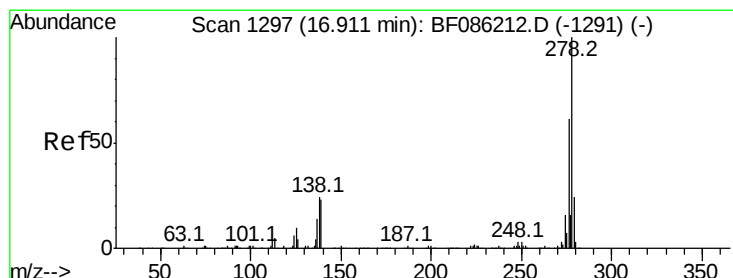
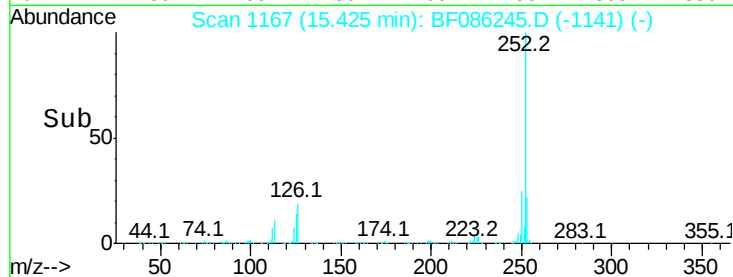
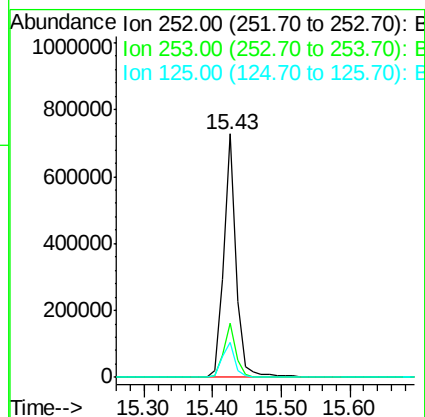
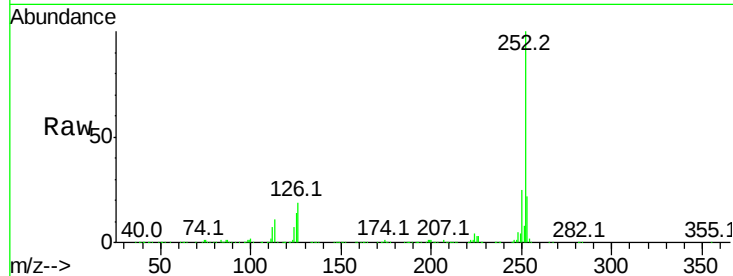
#89
Benzo(a)pyrene
Concen: 40.06 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	14.2	11.2	16.8

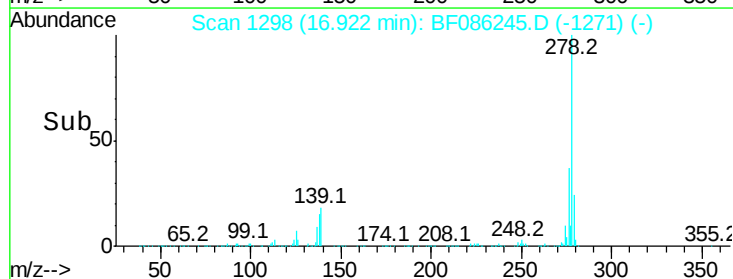
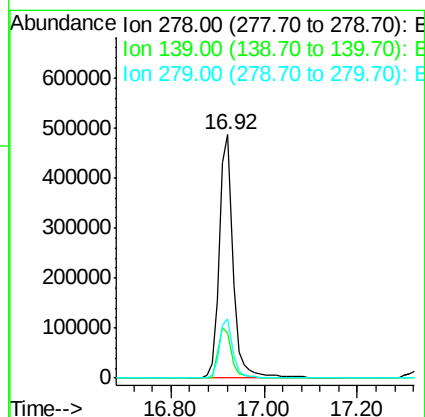
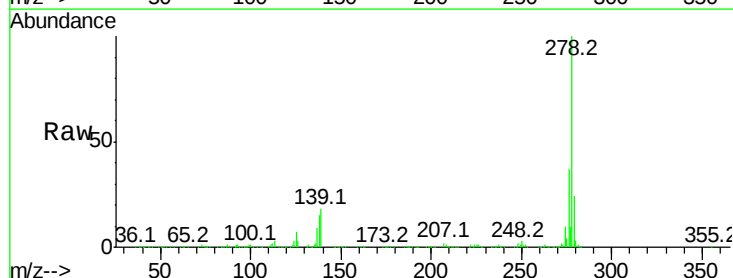
Manual Integrations
APPROVED

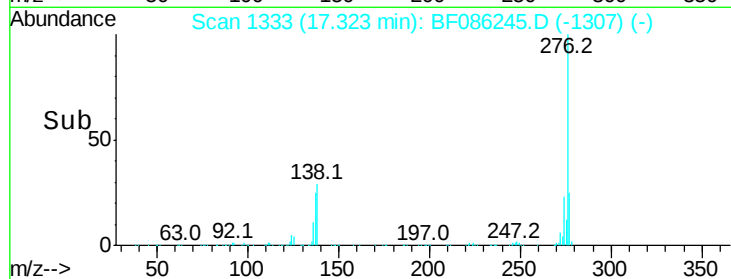
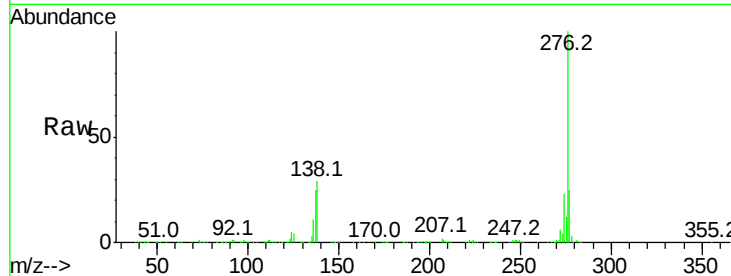
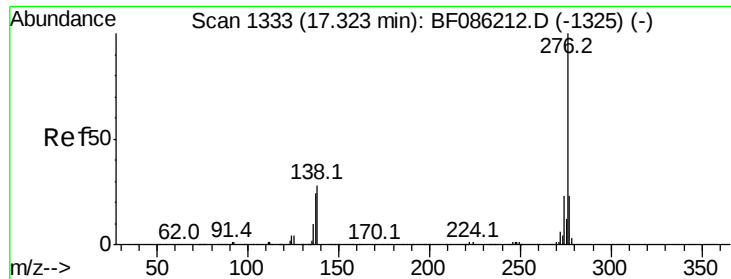
Sohil
4/18/2016 7:30:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.69 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF086245.D
Acq: 16 Apr 2016 5:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.3	22.9
279	24.3	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 48.78 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF086245.D

Acq: 16 Apr 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1057966

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.6

138 29.5 19.6 29.4#

Manual Integrations
APPROVED

Sohil
4/18/2016 7:30:50 PM

